



1) Date: 3-15, 19 84
 2) Operator's Well No. RR Davis #1
 3) API Well No. 47-085-6920
 State County Permit

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage / Deep / Shallow)
 5) LOCATION: Elevation: 715 Watershed: S. F. Hughes River
 District: Murphy County: Ritchie Quadrangle: Burnt House 7.5
 6) WELL OPERATOR Anvil Oil Company, Inc. 7) DESIGNATED AGENT Justin L. Henderson
 Address PO Box 2566 Address 253 Carr Avenue
Clarksburg, WV 26301 Clarksburg, WV 26301
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Samuel Hersman Name Unknown
 Address PO Box 66 Address _____
Smithville, WV 26178
 10) PROPOSED WELL WORK: Drill / Drill deeper _____ / Redrill _____ / Stimulate
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
 11) GEOLOGICAL TARGET FORMATION, Alexander
 12) Estimated depth of completed well, 5400 feet
 13) Approximate trata depths: Fresh, 60 feet; salt, none feet.
 14) Approximate coal seam depths: no coal in this area Is coal being mined in the area? Yes _____ / No

RECEIVED
 MAR 22 1984

OIL & GAS DIVISION
 DEPT. OF MINES
 No

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	11 3/4			X		30'	30'		Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8		20"	X		1000	1000	250	CTS NEAT
Production	4 1/2		10.5"	X		5400	5400	700	Depths set
Tubing									or as req. by rule 15.01
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-085-6920 Date April 13, 19 84

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires April 13, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>Blanket</u>	Agent: <input checked="" type="checkbox"/>	Plat: <u>MH</u>	Casing: <u>MH</u>	Fee: <u>1075</u>
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[Signature]
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.



OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

1) Well No. _____ State _____ County _____

2) OPERATOR: _____

3) LOCATION: _____

4) WELL OPERATOR: _____

5) DESIGNATED AGENT: _____

6) DRILLING CONTRACTOR: _____

7) PROPOSED WELL WORK: _____

8) OTHER PHYSICAL CHANGE IN WELL (DEPTH): _____

9) GEOLOGICAL LABEL FORMATION: _____

10) ESTIMATED DEPTH OF COMPLETED WELL: _____

11) APPROXIMATE TRAP DEPTH: _____

12) APPROXIMATE COAL SEAM DEPTH: _____

13) CASING AND TUBING PROGRAM:

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

Date	Date(s)
------	---------

Application received Follow-up inspection(s)

Well work started

Completion of the drilling process

Well Record received

Reclamation completed

OTHER INSPECTIONS

Reason: _____

Reason: _____

04/26/2024



IV-9
(Rev 8-81)

DATE FEBRUARY 28, 1984

WELL NO. 1

State of West Virginia

API NO. 47-085-6970

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME ANVIL OIL CO., INC.

DESIGNATED AGENT BUZZ HENDERSON

Address P.O. BOX 2566, CLARKSBURG, WV 26301

Address P.O. BOX 2566, CLARKSBURG, WV 26301

Telephone 622 - 6183

Telephone 622 - 6183

LANDOWNER BRADLEY F. DAVIS

SOIL CONS. DISTRICT LITTLE KANAWHA

Revegetation to be carried out by ANVIL OIL CO., INC. (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan:

2-29-84
(Date)

Garrett Newton
(SCD Agent)

ACCESS ROAD		LOCATION
Structure <u>ROAD CULVERT</u>	(A)	Structure <u>SEE COMMENTS ON BACK</u> (1)
Spacing <u>ONE 16" MINIMUM</u>		Material _____
Page Ref. Manual <u>2-7</u>		Page Ref. Manual _____
Structure <u>SEE COMMENTS ON BACK</u>	(B)	Structure _____ (2)
Spacing _____		Material _____
Page Ref. Manual _____		Page Ref. Manual _____
Structure _____	(C)	Structure _____ (3)
Spacing _____		Material _____
Page Ref. Manual _____		Page Ref. Manual _____

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I & II

~~XXXXXXXXXXXXXXX~~

Lime _____ Tons/acre
or correct to pH 6.5

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Mulch Hay 2 Tons/acre

Seed* KY-31 40 lbs/acre

Red Top 5 lbs/acre

_____ lbs/acre

Lime _____ Tons/acre
or correct to pH _____

Fertilizer _____ lbs/acre
(10-20-20 or equivalent)

Mulch _____ Tons/acre

Seed* _____ lbs/acre

_____ lbs/acre

_____ lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY Smith Land Surveying Co.

ADDRESS 111 South Street

Glenville, WV 26351


PHONE NO. (304) 462 - 5634


NOTES: Please request landowner's cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

04/26/2024

FOR PHOTOCOPY SECTION OF
 ED TOPOGRAPHIC MAP.
 ANGLE BURNTHOUSE 7.5'

LEGEND


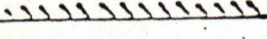






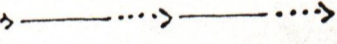

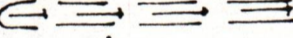
Well Site 

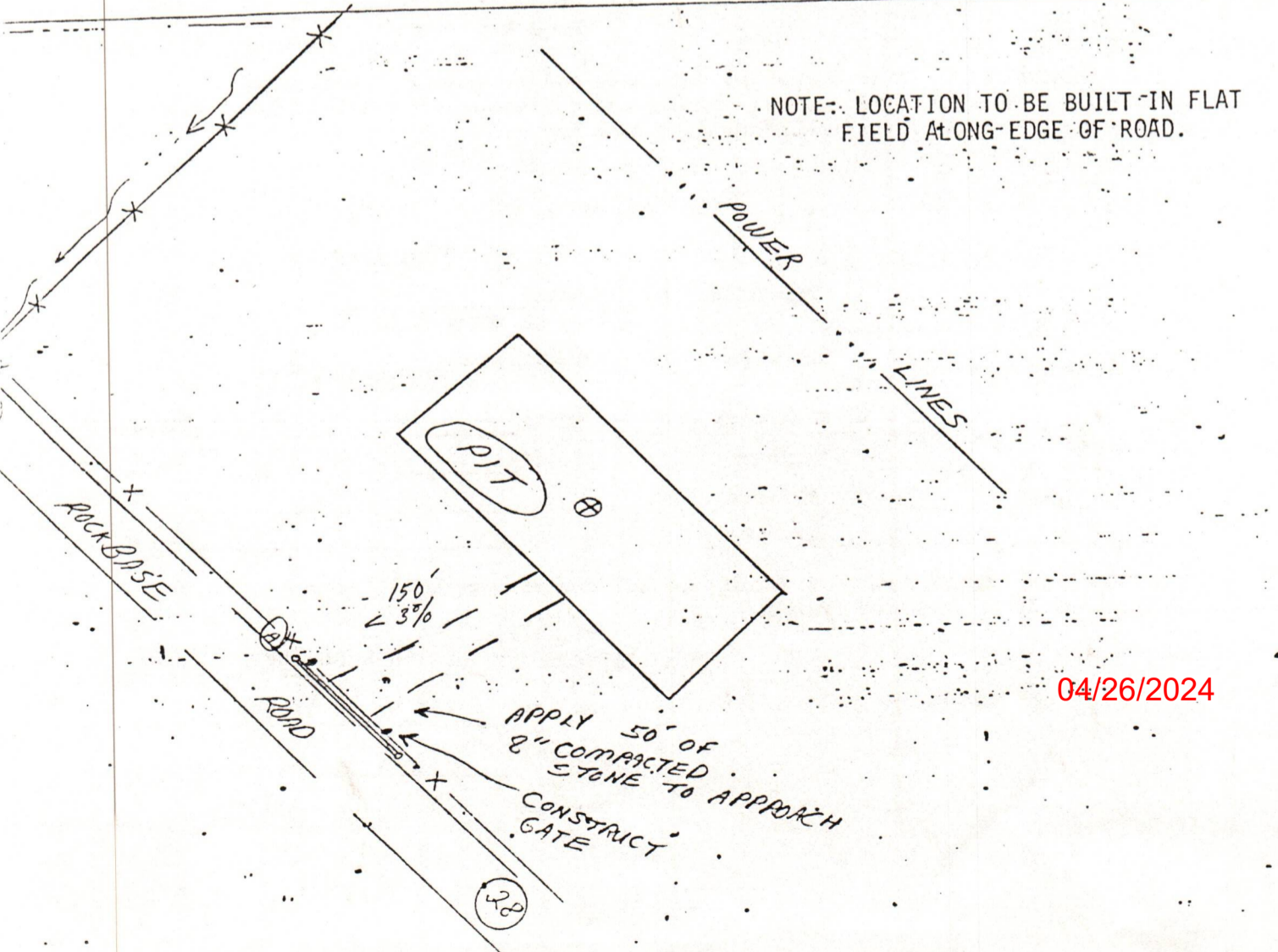
Access Road 

WELL SITE PLAN

to include well location, existing access road, roads to be constructed, well site, existing pits and necessary structures numbered or lettered to correspond with the first of this plan. Include all natural drainage.

LEGEND

Property boundary 	Diversion 
Existing fence 	Spring 
Planned fence 	Wet spot 
Stream 	Building 
Open ditch 	Drain pipe 
	Waterway 



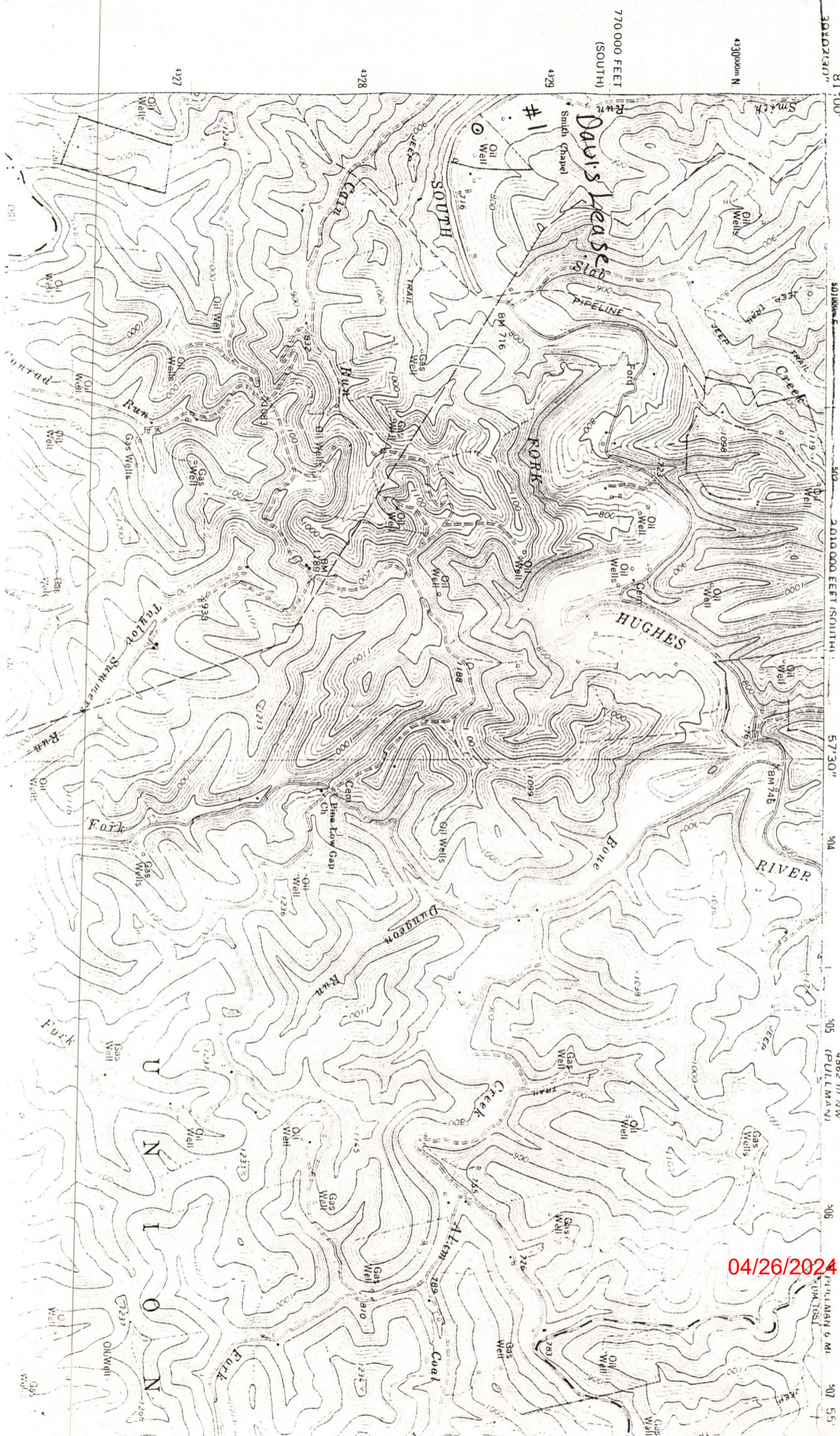
04/26/2024

HARRISVILLE
47° 21' N
81° 02' W

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF WEST VIRGINIA
REPRESENTED BY THE
STATE OF WEST VIRGINIA GEOLOGICAL SURVEY
AND OTHER STATE AGENCIES

04/26/2024



81° 00' 30.02130"
4330000 N
770 000 FEET (SOUTH)
4329
4328
4327
5010000 EEST (SOUTH)
57° 30'
505 (PULLMAN)
506
507 55'

1) Date: 3-15, 1984
2) Operator's Well No. Davis #1
3) API Well No. 47-085-6920
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS
NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED
(i) Name Bradley F. Davis
Address Rt 2 Box 71A
Harrisville 26362
(ii) Name _____
Address N/A
(iii) Name _____
Address N/A

5(i) COAL OPERATOR none
Address _____
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name _____
Address none
Name _____
Address _____
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:
(1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
(2) The plat (surveyor's map) showing the well location on Form IV-6; and
(3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

RECEIVED
MAR 22 1984
OIL & GAS DIVISION
DEPT. OF MINES

6) EXTRACTION RIGHTS
Check and provide one of the following:
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)
7) ROYALTY PROVISIONS
Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes (No)
If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

Justin L. Henderson
this 5th day of March, 1984.
My commission expires Oct 20, 1992.
Karen M. Henderson
Notary Public, Harrison County,
State of West Virginia

WELL OPERATOR Anvil Oil Company, Inc.
By Justin L. Henderson
Its President
Address _____
Telephone 304-622-6183

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book Page</u>
Bradley F. Davis,	Walter C. Crane, et al	1/8	144/644
Walter C. Crane, et al	Anvil Oil Co., Inc.	1/8	169/101

SURFACE OWNER'S COPY



1) Date: 3-15, 19 84
 2) Operator's Well No. Rx Davis #1
 3) API Well No. 47-085-
 State _____ County _____ Permit _____

**STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage _____ / Deep / Shallow _____)
- 5) LOCATION: Elevation: 715 Watershed: S. F. Hughes River
 District: Murphy County: Ritchie Quadrangle: Burnt House 7.5
- 6) WELL OPERATOR Anvil Oil Company, Inc. 7) DESIGNATED AGENT Justin L. Henderson
 Address PO Box 2566 Address 253 Carr Avenue
Clarksburg, WV 26301 Clarkburg, WV 26301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Samuel Hersman Name Unknown
 Address PO Box 66 Address _____
Smithville, WV 26178
- 10) PROPOSED WELL WORK: Drill / Drill deeper _____ / Redrill _____ / Stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Alexander
- 12) Estimated depth of completed well, 5400 feet
- 13) Approximate trata depths: Fresh, 60 feet; salt, none feet.
- 14) Approximate coal seam depths: no coal in this area Is coal being mined in the area? Yes _____ / No

RECEIVED
 MAR 22 1984
 OIL & GAS DIVISION
 DEPT. OF MINES

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		Kinds	Sizes
Conductor	<u>1 3/4</u>			<input checked="" type="checkbox"/>		<u>30'</u>	<u>30'</u>			
Fresh water										
Coal										Sizes
Intermediate	<u>8 5/8</u>		<u>20"</u>	<input checked="" type="checkbox"/>		<u>1000</u>	<u>1000</u>	<u>250</u>		
Production	<u>4 1/2</u>		<u>0.5"</u>	<input checked="" type="checkbox"/>		<u>5400</u>	<u>5400</u>	<u>700</u>		Depths set
Tubing										
Liners										Perforations: Top Bottom

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.
 I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: _____
 By _____
 Its _____ Date _____

Bradley F Davis Date: 3/16/84
 (Signature)
 _____ Date: _____
 (Signature)

**INSTRUCTIONS TO SURFACE OWNERS
AND
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT
ON OIL AND GAS WELL WORK PERMIT**

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, West Virginia 25311
(304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments as provided in **Methods for Filing Comments** below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

RECEIVED

AUG 24 1984



IV-35 OIL & GAS DIVISION
(Rev 8-81) DEPT. OF MINES

State of West Virginia Department of Mines Oil and Gas Division

Date 8-24-84
Operator's
Well No. Davis #1
Farm Bradley Davis
API No. 47 - 085 - 6920

WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal /
(If "Gas," Production / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 715' Watershed South Fork Hughes' River
District: Murphy County Ritchie Quadrangle Burnt House 7.5'

COMPANY Anvil Oil Co., Inc.

ADDRESS P.O. Box 2566

DESIGNATED AGENT Justin L. Henderson

ADDRESS 253 Carr Ave., Clarksburg, W.Va.

SURFACE OWNER Bradley F. Davis

ADDRESS Rt.2, Box 71A, Harrisville, W.Va.

MINERAL RIGHTS OWNER same

ADDRESS same

OIL AND GAS INSPECTOR FOR THIS WORK Sam

Hersman ADDRESS Box 66, Smithville, W.Va.

PERMIT ISSUED 4-13-84

DRILLING COMMENCED 7-26-84

DRILLING COMPLETED 8-3-84

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.	30'	30'	
13-10"			
9 5/8			
8 5/8	893'	893'	240sks
7			
5 1/2			
4 1/2	4880'	4880'	400sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Alexander Depth 4740-4788 feet

Depth of completed well 4974 feet Rotary / Cable Tools

Water strata depth: Fresh 40 feet; Salt na feet

Coal seam depths: none Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation Alexander, Riley, and Devonian shale, commingled Pay zone depth 4660-4788 feet

Gas: Initial open flow show Mcf/d Oil: Initial open flow 3620-4094 Bbl/d

Final open flow Estimated 1,500 Mcf/d Final open flow show Bbl/d

Time of open flow between initial and final tests 4hrs. hours

Static rock pressure 1500 psig (surface measurement) after 24 hours shut in

(If applicable due to multiple completion--)

04/26/2024

Second producing formation Pay zone depth feet

Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d

Final open flow Mcf/d Oil: Final open flow Bbl/d

Time of open flow between initial and final tests hours

Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side)

R.T. - 6920

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

first stage: Alexander: perfs 4784-4660- 29 holes- 500 gal. acid, 1,000,000 scf N2
 second stage: Riley: perfs 4136-4196-13 holes 400 gal acid, 800,000 scf N2
 third stage: perfs 4094-3620- 19 holes- 500 gal acid, 500,000 scf N2

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
gray, soft sand and shale			0	147	fresh water @ 40'
white hard sand			147	230	
gray, soft sand and shale			230	1150	
hard sand			1150	1180	
soft sand and shale			1180	1524	
hard sand, MAXTON			1524	1542	
soft sand and shale			1542	1598	
hard LIME			1598	1692	
sand, BIG INJUN			1692	1767	
gray, soft sand and shale			1767	2040	
sand, WEIR			2040	2113	
sand and shale			2113	2140	
sand, BEREAL			2140	2152	
sand and shale			2152	4176	
sand, RILEY			4176	4200	
sand and shale			4200	4660	
sand, ALEXANDER			4660	4788	
sand and shale			4788	4974 T.D.	show gas

(Attach separate sheets as necessary)

Anvil Oil Co., Inc.
 Well Operator
 By: *Joe Anderson* 04/26/2024
 Date: 8-24-84

Note: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

RECEIVED

AUG - 7 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6920

Oil or Gas Well _____
(KIND)

Company <u>Anvil Oil Co. Inc.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			
Address _____	16			Kind of Packer _____
Farm <u>Bradley Davis</u>	13			
Well No. <u>Davis #1</u>	10			Size of _____
District <u>Murphy</u> County <u>Ritchie</u>	8 1/4			
Drilling commenced <u>7-26-84</u>	6 3/8			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used _____			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water <u>160'</u> feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES	_____ FEET _____ INCHES	_____ FEET _____ INCHES	_____ FEET _____ INCHES

Drillers' Names _____

Gene Stalnaker Rig # 2 Tool Pusher - Ed. Huffman

Remarks: on 7-30-84 ran 886 feet of 8 5/8" casing - B.J. Hughes ran 240 sacks Class A. with 6 sacks of C.S.

waiting on cement at time of visit - Rig will be moved out and Gene Stalnaker Rig # 6 will be moved on to permit hole to be drilled to deeper depth than rig # 2 could.

7-30-84
DATE

Samuel N. H. 04/28/2024
DISTRICT WELL INSPECTOR

Form 26
2/16/82

RECEIVED
JUN 1 1982
DIVISION OF OIL & GAS
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner		Location		Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED				BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD		CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.
DATE

DISTRICT WELL INSPECTOR
04/26/2024

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

RECEIVED

AUG - 7 1984

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 85-6920

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Anvil Oil Co., Inc.</u>	Size			
Address _____	16			Kind of Packer _____
Farm <u>Davis</u>	13			
Well No. <u>Davis #1</u>	10			Size of _____
District <u>Murphy</u> County <u>Petchie</u>	8 1/4			
Drilling commenced _____	6 5/8			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used _____			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: Visit - 1980 foot deep - Drusting hole - Pit O.K.

8-1-84

DATE

Samuel N. Hays
04/26/2024
DISTRICT WELL INSPECTOR

2/16/82

**STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT**

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner		Location		Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED				BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD		CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks:

_____ I hereby certify I visited the above well on this date.
DATE

DISTRICT WELL INSPECTOR
04/26/2024

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

RECEIVED
AUG - 7 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 85-6920

Oil or Gas Well _____
(KIND)

		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company	<u>Anvil Oil Co. Inc.</u>				
Address		Size			
Farm	<u>Bradley Freshert Davis</u>	16			Kind of Packer _____
Well No.	<u>Davis #1</u>	13			
District	<u>Murphy</u> County <u>Petchie</u>	10			Size of _____
Drilling commenced	<u>7-26-84</u>	8 1/4			Depth set _____
Drilling completed	<u>8-3-84</u> Total depth <u>4974</u>	6 3/8			
Date shot		5 3/16			Perf. top _____
Depth of shot		3			Perf. bottom _____
Initial open flow		2			Perf. top _____
/10ths Water in		Liners Used			Perf. bottom _____
Inch					
Open flow after tubing					
/10ths Merc. in					
Inch					
Volume					
Cu. Ft.					
Rock pressure					
lbs.					
hrs.					
Oil					
bbls., 1st 24 hrs.					
Fresh water					
feet					
feet					
Salt water					
feet					
feet					

Drillers' Names _____

Remarks: Visit - Hole completed at depth of 4974 - Logging hole amount of 4 1/2" to be run, unknown at time of visit

8-3-84
8-3-84
DATE

Samuel N. H.
DISTRICT WELL INSPECTOR
04/26/2024

Form 26
2/16/82

**STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT**

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner			Amount			Packer			Location		
PLUGS USED AND DEPTH PLACED			BRIDGES			CASING AND TUBING					
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION			RECOVERED	SIZE	LOST			

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.
DATE

DISTRICT WELL INSPECTOR
04/26/2024



State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

RECEIVED
OCT 16 1984

FINAL INSPECTION REPORT OIL & GAS DIVISION
INSPECTORS COMPLIANCE REPORT DEPT. OF MINES
October 1, 1984

COMPANY Anvil Oil Company, Inc.

PERMIT NO 085-6920

P. O. Box 2566

FARM & WELL NO Bradley Davis #1

Clarksburg, West Virginia 26301

DIST. & COUNTY Murphy/Ritchie

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	✓	
25.04	Prepared before Drilling to Prevent Waste	✓	
25.03	High-Pressure Drilling	✓	
16.01	Required Permits at Wellsite	✓	
15.03	Adequate Fresh Water Casing	✓	
15.02	Adequate Coal Casing	✓	
15.01	Adequate Production Casing	✓	
15.04	Adequate Cement Strenght	✓	
15.05	Cement Type	✓	
23.02	Maintained Access Roads	✓	
25.01	Necessary Equipment to Prevent Waste	✓	
23.04	Reclaimed Drilling Pits	✓	
23.05	No Surface or Underground Pollution	✓	
23.07	Requirements for Production & Gathering Pipelines	✓	
16.01	Well Records on Site	✓	
16.02	Well Records Filed	✓	
7.05	Identification Markings	✓	

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Samuel N. Kersman

DATE 10-11-84

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. H. B. B.
Administrator-Oil & Gas Division

January 3, 1985

DATE

04/26/2024

1.0 API well number: (If not available, leave blank. 14 digits.)	47085-6920			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA		RECEIVED Category Code	
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	4788		feet NOV - 9 1984	
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Anvil Oil Co., Inc. Name		OIL & GAS DIV. DEPT. OF MINES Seller Code	
	P.O. Box 2566 Street			
	Clarksburg, W.Va.		26301 State Zip Code	
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Murphy Field Name		W.Va. State	
(b) For OCS wells:	Area Name		Block Number	
	Date of Lease: Mo. Day Yr.		OCS Lease Number	
(c) Name and identification number of this well: (35 letters and digits maximum.)	Bradley Davis #1			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Consolidated Gas Transmission Corp. Name		004228 Buyer Code	
(b) Date of the contract:	09 10 83 Mo. Day Yr.			
(c) Estimated annual production:	36 MMcf.			
	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	---	---	---	---
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	---	---	---	---
9.0 Person responsible for this application:	Anvil Oil Co. Inc.		President	
Agency Use Only	Name		Title	
Date Received by Juris. Agency	Signature		11/7/84	
NOV - 9 1984	11/7/84		304-622-6183	
Date Received by FERC	Date Application is Completed		Phone Number	

NOV 30 1984

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: Nov. 7, 1984

Applicant's Name: Anvil Oil Co., Inc.

Address: P.O. Box 2566
Clarksburg, W.Va. 26301

Gas Purchaser Contract No. 2817

Date of Contract Sept 10, 1963
(Month, day and year)

First Purchaser: Consolidated Gas Transmission Corp

Address: P.O. Box 2566
(Street or P.O. Box)
Clarksburg, W.Va. 26301
(City) (State) (Zip Code)

FERC Seller Code 044618

AGENCY USE ONLY
WELL DETERMINATION FILE NUMBER
841109 -103-085- 6920
Use Above File Number on all
Communications Relating to This Well

Designated Agent: Justin L. Henderson

Address: 253 Carr Ave.
Clarksburg, W.Va. 26301

FERC Buyer Code 004228

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL BE ADDRESSED:

Name: Justin L. Henderson President
(Print) (Title)

Signature: [Signature]

Address: 253 Carr Ave.
(Street or P.O. Box)
Clarksburg, W.Va. 26301
(City) (State) (Zip Code)

Telephone: (304) 622-6183
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

- 102 New Natural Gas
- 102-2 2.5 Mile Test
- 102-3 1000 Foot Deeper Test
- 102-4 New Onshore Reservoir

- 108 Stripper Well Natural Gas
- 108- Stripper Well
- 108-1 Seasonally Affected
- 108-2 Enhanced Recovery
- 108-3 Temporary Pressure Buildup

- 103 New Onshore Production Well
- 103 New Onshore Production Well

- 107 High Cost Natural Gas
- 107-0 Deep (more than 15,000 feet)
- 107-1 Geopressured Brine
- 107-2 Coal Seams
- 107-3 Devonian Shale
- 107-5 Production enhancement
- 107-6 New Tight Formation
- 107-7 Recompletion Tight Formation

AGENCY USE ONLY
QUALIFIED
04/26/2024

RECEIVED

NOV - 9 1984

OIL & GAS DIV.
DEPT. OF MINES

Date Received

Determination Date

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date November 7, 1984

Operator's
Well No. Bradley Davis #1

API Well
No. 47 - 085 - 6920
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
NGPA Section 103

DESIGNATED AGENT Justin L. Henderson

ADDRESS 253 Carr Ave.
Clarksburg, W.Va. 26301

WELL OPERATOR Anvil Oil Co., Inc.

LOCATION: Elevation 715'

ADDRESS P.O. Box 2566

Watershed South Fork Hughes River

Clarksburg, W.Va. 26301

Dist. Murphy County Ritchie Quad Burnt House

GAS PURCHASER Consolidated

Gas Purchase
Contract No. 2817

ADDRESS 445 W. Main St.

Meter Chart Code 2177

Clarksburg, W.Va. 26301

Date of Contract _____

* * * * *

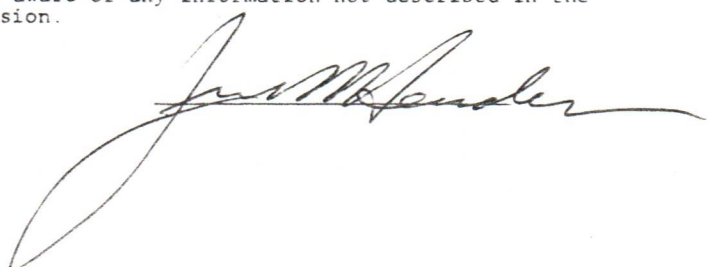
Date surface drilling was begun: 7-26-84

Indicate the bottom hole pressure of the well and explain how this was calculated:

1468# BHP=Pwe^{xGLS}

AFFIDAVIT

I, Justin L. Henderson, having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

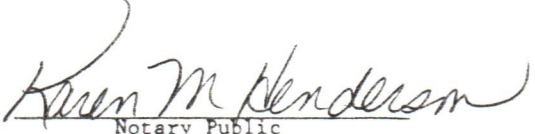


STATE OF WEST VIRGINIA,
COUNTY OF Harrison, TO WIT:

I, Karen M. Henderson a Notary Public in and for the state and county aforesaid, do certify that Justin L. Henderson whose name is signed to the writing above, bearing date the 7th day of November, 19 84, has acknowledged the same before me, in my county aforesaid.

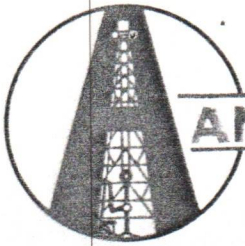
Given under my hand and official seal this 7th day of November, 19 84.

My term of office expires on the 20th day of October, 19 84.


Notary Public

[NOTARIAL SEAL]

04/26/2024



ANVIL OIL CO., INC.

CERTIFICATE OF SERVICE

I hereby certify that I have this day served the foregoing documents upon Consolidated Gas Transmission Corporation, prospective purchaser of natural gas from Anvil Oil Co., Inc., in accordance with the requirements of Section 1.17 of the Rules of Practice and Procedure of the Federal Energy Regulatory Commission.

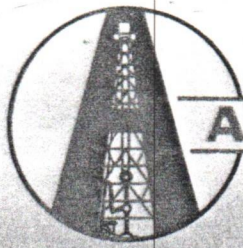
Dated at Clarksburg, W.Va. this 7th day of November, 1984

Anvil Oil Co., Inc.


Justin L. Henderson, its President

POST OFFICE BOX 2566 • CLARKSBURG, WEST VIRGINIA 26301 • (304) 622-6183

04/26/2024



ANVIL OIL CO., INC.

085-6920
RECEIVED

DEC 18 1984

**OIL & GAS DIV.
DEPT. OF MINES**

December 17, 1984

W.Va. Dept. Of Mines
Oil & Gas Division
NGPA Section
307 Jefferson St.
Charleston, W.Va. 25311
Attn: Lonnie Carpenter

In re: Bradley Davis #1, 47-085-6920

Gentlemen:

On August 28, 1984, a filing was made with respect to the above referenced well to determine that the well qualifies under section 107 of the NGPA. Our copy of the filing indicates that it was date stamped by your office on September 14, 1984. By our conversation of this morning, it is our understanding that the determination has been accepted by FERC.

You will note that the application for 107 status reflects our belief, at the time of filing the application, that Columbia Gas Transmission Corporation would be the gas purchaser. Later, it was discovered that the subject tract was dedicated to Consolidated Gas Transmission Corporation under their contract #2817. Accordingly, a subsequent filing was made to have the well qualified under section 103 of the NGPA. The Federal Energy Regulatory Commission has recently promulgated regulations that would make the distinction between #103 and #107 in the situation of the referenced well very material. Had we known that the subject acreage was dedicated to Consolidated at the time of making the initial filing with your office with respect to the subject well, a determination under #107 would definitely not have been sought. We maintain that the section 107 filing was made under a material mistake of fact, and we therefore request that said 107 filing be withdrawn.

Very Truly Yours,


Justin L. Henderson

POST OFFICE BOX 2566 • CLARKSBURG, WEST VIRGINIA 26301 • (304) 622-6183

04/26/2024

Withdrawn 12-17-84

1.0 API well number: (If not available, leave blank. 14 digits.)	47-085-6920			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	107 Section of NGPA	3 Category Code		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	4788 feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Anvil Oil Co. Name		Seller Code	
	PO Box 2566 Street			
	Clarksburg	26301		
	City	State	Zip Code	
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Murphy Field Name			
	Ritchie		WV State	
(b) For OCS wells:	Area Name		Block Number	
	Date of Lease: Mo. Day Yr.		OCS Lease Number	
(c) Name and identification number of this well: (35 letters and digits maximum.)	Davis # 1			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Columbia Gas Transmission Corp. Name		004030 Buyer Code	
(b) Date of the contract:	Mo. Day Yr.			
(c) Estimated annual production:	36 MMcf.			
	(a) Base Price (\$/MMBTU) 3.50	(b) Tax B&O + AD Val	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	3.50	+
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)
9.0 Person responsible for this application	Anvil Oil Co., Inc. by Justin Henderson Agent			
Agency Use Only	Name Title			
Date Received by Juris. Agency	Signature			
AUG 30 1984	8-28-84			
Date Received by FERC	Date Application is Completed		304-622-6183 Phone Number	

04/26/2024

Withdrawn per letter of 12/17/84

FORM IV-48WC
(02-84)

STATE OF WEST VIRGINIA

SEP 14 1984

DEPARTMENT OF MINES, OIL AND GAS DIVISION

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: 8-28, 19 84

AGENCY USE ONLY

Applicant's Name: Anvil Oil Co.

WELL DETERMINATION FILE NUMBER

Address: P.O. Box 2566

840830 -107-085-6920

Clarksburg WV

Use Above File Number on all
Communications Relating to This Well

Gas Purchaser Contract No.

Date of Contract
(Month, day and year)

Designated Agent: Justin Henderson

First Purchaser: Columbia Gas Transmission Corp.

Address: 253 Carr Ave.

Address: P.O. box 1273
(Street or P.O. Box)

Clarksburg WV

Charleston, W.Va. 25325
(City) (State) (Zip Code)

FERC Seller Code unassigned

FERC Buyer Code 004030

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL
BE ADDRESSED:

Name: Anvil Oil Co., Inc.
(Print)

Agent
(Title)

Signature: *Justin Henderson*

Address: 253 Carr Ave.
(Street or P.O. Box)

Clarksburg WV 26301
(City) (State) (Zip Code)

Telephone: 304 623-5549
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

- 102 New Natural Gas
 - 102-2 2.5 Mile Test
 - 102-3 1000 Foot Deeper Test
 - 102-4 New Onshore Reservoir
- 103 New Onshore Production Well
 - 103 New Onshore Production Well
- 107 High Cost Natural Gas
 - 107-0 Deep (more than 15,000 feet)
 - 107-1 Geopressured Brine
 - 107-2 Coal Seams
 - X 107-3 Devonian Shale
 - 107-5 Production enhancement
 - 107-6 New Tight Formation
 - 107-7 Recompletion Tight Formation

- 108 Stripper Well Natural Gas
 - 108- Stripper Well
 - 108-1 Seasonally Affected
 - 108-2 Enhanced Recovery
 - 108-3 Temporary Pressure Build

AGENCY USE ONLY

~~QUALIFIED~~

04/26/2024

Withdrawn

RECEIVED

40300 1034

OIL & GAS DIVISION
DEPT. OF MINES

Date Received

Determination Date

Operator: Anvil Oil Co. Agent: Anvil Oil Co., Inc. by Justin Henderson

Age Determination being sought - 107 (Devonian Shale)

Well No.: 47-085-6920 Well Name: Davis #1

West Virginia Office of Oil and Gas County: Ritchie
 References: SJA File No.

Vol. _____ Page _____ Line _____

I. NOTE: A Gamma Ray Log has been marked with the (a) Shale Base Line, (b) a line representing 0.7 x (Shale Base Line), (c) intervals with Gamma Ray units less than 0.7 x (Shale Base Line) and that log is included with this analysis.

I. Gamma Ray elevation indices:

A. Shale Base Line (API Units)

1. GR Value at Base Line = 173 * API Units
2. Remarks:

Taken from 4180 to 4500 where borehole is clean and shale is well developed.

B. Gamma Ray Log Value at 0.7 x Value at Base Line

1. GR Value = 173 * API Units
2. Calculation: $\frac{0.7 \text{ (GR Value at Base Line)}}{0.7 \text{ (173 *)}} = \underline{121.1}$ API Units

II. Intervals with GR index less than 0.7 x (Value at Base Line):

Interval		Thickness of Interval Feet	Feet of less than* 0.7 (Shale Base Line) Feet
From**	To***		
2140	3000	860	55
3000	4000	1000	20
4000	4974	974	27

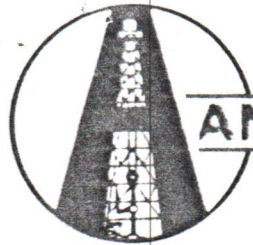
Total Devonian Interval 2834

Less Than 0.7 (Shale Base) 103

Less Than 0.7 (Shale Base Line) = $\frac{103}{2834} \times 100 = \underline{3.599}$ %

Marked on log included with analysis.
 Top of Devonian Section Recorded on First Interval in this Column.
 Lesser of TD or Bottom of Devonian Section Recorded as last Interval in this Column.

04/26/2024



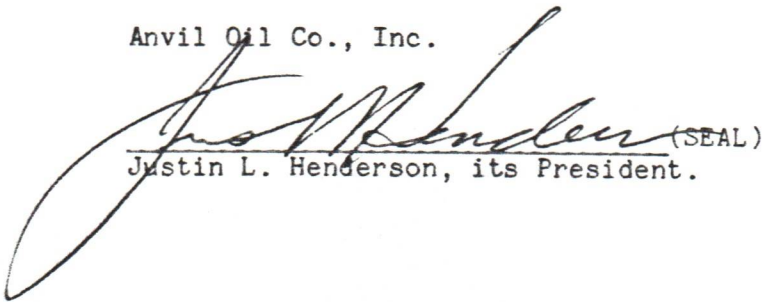
ANVIL OIL CO., INC.

CERTIFICATE OF SERVICE

I hereby certify that I have this day served the foregoing documents together with the related attachments upon Combia Gas Transmission Corporation, prospective purchaser of natural gas from Anvil Oil Co. Inc., Agent, for Amtech Energy Corporation Inc., in accordance with the requirements of Section 1.17 of the Rules of Practice and Procedure of the Federal Energy Regulatory Commission.

Dated at Clarksburg, West Virginia, this 28th day of August, 1984.

Anvil Oil Co., Inc.

 (SEAL)
Justin L. Henderson, its President.

POST OFFICE BOX 2566 • CLARKSBURG, WEST VIRGINIA 26301 • (304) 622-6183

04/26/2024

(12-78)
IV 55 WC

Operator's Well No. 1

API Well No.
47 - 085 - 6920
State County Permit

WELL CLASSIFICATION FORM
HIGH COST GAS WELL - DEVONIAN SHALE
NGPA Section 107

DESIGNATED AGENT Anvil Oil Co., Inc. by Justin Henderson

ADDRESS 253 Carr Ave.
Clarksburg WV

LOCATION Elevation 715
Watershed South Fork Hughes River

WELL OPERATOR Anvil Oil Co.

ADDRESS P.O. Box 2566
Clarksburg WV 26301

Dist. Murphy County Ritchie Quad. Burnt House

Gas Purchase 7.5'
Contract No. _____

GAS PURCHASER Columbia

ADDRESS 1700 MacCorkle Ave., SE
P.O. Box 1273, Charleston, WV, 25325-1273

Meter Chart Code _____

Date of Contract _____

* * * * *

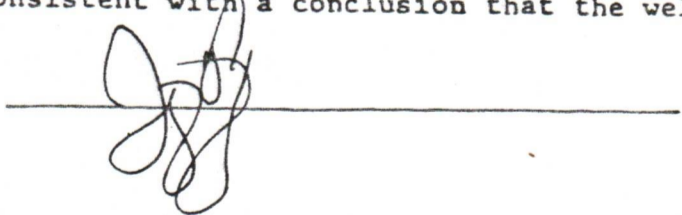
Date surface drilling began: 7-26-84

Indicate the bottom hole pressure of the well and explain how this was calculated.

1468# BHP=Pw e^{xGLS}

AFFIDAVIT

I, Jerry Poling, having been first sworn according to law, state that I have calculated the percentage of footage of the producing interval which is not Devonian Shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described in subparagraph (3)(i) or (3)(ii)(A) has been filed, or as indicated by the report described in subparagraph (3)(ii)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high-cost natural gas well.



STATE OF WEST VIRGINIA

COUNTY OF Marrison, TO-WIT:

Karen M Henderson, a Notary Public in and for the state and county aforesaid, do certify that Jerry Poling, whose name is signed to the writing above, bearing date the 28th day of August, 19 84, has acknowledged the same before me, in my county aforesaid.

04/26/2024

Given under my hand and official seal this 28th day of August, 19 84. My term of office expires on the 30th day of October, 19 92.

NOTARIAL SEAL)

Karen M Henderson
Notary Public

2/11/84

11,200'

LATITUDE 39° 07' 30"

DAVIS LEASE WELL NO. 1

SMITH

S 2-30 W
168.3'

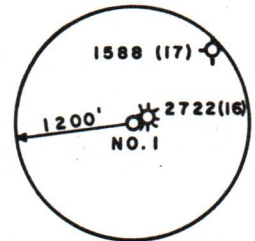
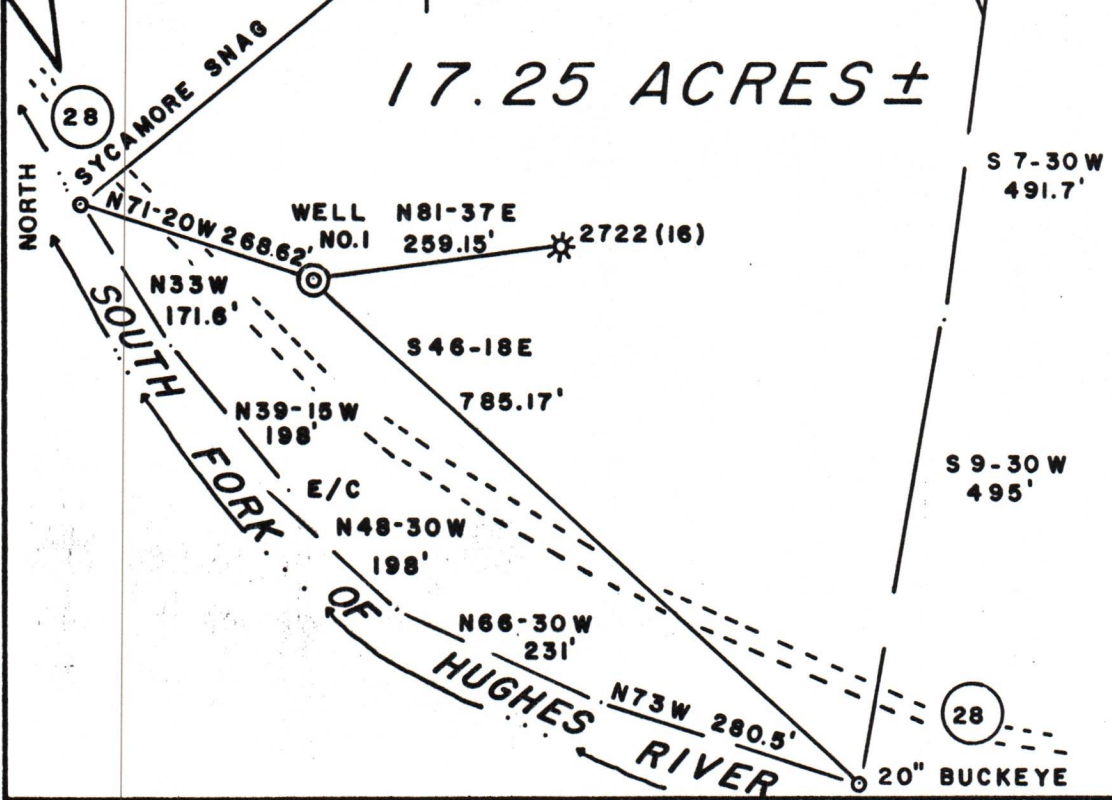
S 4 W
297'

DAVIS

LONGITUDE 80° 57' 30"

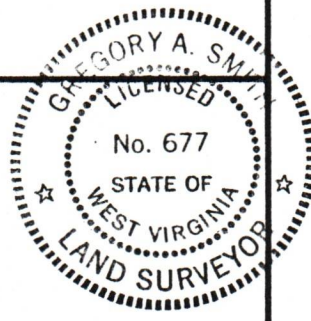
6,120'

17.25 ACRES ±



FILE NO. 12-65
 DRAWING NO. _____
 SCALE 1" = 200'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION JUNCT. OF ROADS ELEV. 716'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) Gregory A. Smith
 R.P.E. _____ L.L.S. 677



PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE FEB. 27, 1984
 OPERATOR'S WELL NO. 1
 API WELL NO. 47-085-6920
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 715' WATER SHED SOUTH FORK HUGHES RIVER
 DISTRICT MURPHY COUNTY RITCHIE
 QUADRANGLE BURNT HOUSE 7.5'
 SURFACE OWNER BRADLEY FRABERT DAVIS ACREAGE 17.25
 OIL & GAS ROYALTY OWNER BRADLEY FRABERT DAVIS LEASE ACREAGE 17.25
 LEASE NO. _____
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Alexander ESTIMATED DEPTH 5400'
 WELL OPERATOR ANVIL OIL CO. INC. DESIGNATED AGENT BUZZ HENDERSON
 ADDRESS P.O. BOX 2566 ADDRESS P.O. BOX 2566
CLARKSBURG WV 26301 CLARKSBURG WV 26301

04/26/2024

RTT 6920