

7/85



1) Date: 8-7, 19 85  
 2) Operator's Well No. SOUTHERN LANDS #2-A  
 3) API Well No. 47-081-0703  
 State \_\_\_\_\_ County \_\_\_\_\_ Permit \_\_\_\_\_

**RECEIVED**  
 AUG 7 1985

STATE OF WEST VIRGINIA

DEPARTMENT OF ENERGY, OIL AND GAS DIVISION

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY  
**APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil \_\_\_\_\_ / Gas X /  
 B (If "Gas", Production X / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow X /)
- 5) LOCATION: Elevation: 1897 Watershed: HARPER BRANCH  
 District: CLEAR FORK 1 County: RALEIGH Quadrangle: ECLERS 7.5 331
- 6) WELL OPERATOR PEAKE OPERATING CODE: 37100 7) DESIGNATED AGENT TIMOTHY K. WILCOX  
 Address 433 CNP Address SAME  
CHARLSTON WV 25301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name RODNEY DILLON  
 Address P.O. Box 30  
SCARBRO WV 25917
- 9) DRILLING CONTRACTOR: Name UNKNOWN  
 Address \_\_\_\_\_
- 10) PROPOSED WELL WORK: Drill X / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate X /  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Bile Lime
- 12) Estimated depth of completed well, 2550 feet
- 13) Approximate trata depths: Fresh, 50 feet; salt, 500 feet.
- 14) Approximate coal seam depths: 572 Is coal being mined in the area? Yes \_\_\_\_\_ / No X /
- 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		
Conductor	<u>12 3/4</u>	<u>H-40</u>	<u>48#</u>	<u>X</u>		<u>30</u>	<u>30</u>	<u>CTS</u> Kinds
Fresh water								
Coal	<u>9 5/8</u>	<u>H-40</u>	<u>36#</u>	<u>X</u>		<u>250</u>	<u>250</u>	<u>CTS</u> Sizes
Intermediate	<u>7</u>	<u>J-55</u>	<u>17.5#</u>	<u>X</u>		<u>930</u>	<u>930</u>	<u>150 SACKS</u> Depths set
Production	<u>4 1/2</u>	<u>J-55</u>	<u>9.5#</u>	<u>X</u>			<u>2514</u>	<u>300 SACKS</u>
Tubing								
Liners								Perforations: Top _____ Bottom _____

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-081-0703

August 23 19 85  
 Date

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 August 23, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>✓</u>	Agent: <u>AGB</u>	Plat: <u>MN</u>	Casing: <u>MN</u>	Fee: <u>4747</u>	WPCP: <u>✓</u>	S&E: <u>✓</u>	Other: _____
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NOTE: Keep one copy of this permit posted at the drilling location.

[Signature]  
 Director, Division of Oil and Gas

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

11/10/2023





OFFICE USE ONLY

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

1) WELL TYPE: A  B  C  D  E  F  G  H  I  J  K  L  M  N  O  P  Q  R  S  T  U  V  W  X  Y  Z

2) LOCATION: Township: HICKER BEACH Range: 1 Section: 1 County: PARSONS District: 1 Well No.: 47-081-0708

3) WELL OPERATOR: 31100 Designated Agent: Timothy K. Wilson Address: SAME

4) DRILLING CONTRACTOR: Name: Unknown Address: \_\_\_\_\_

5) PROPOSED WELL WORK:  Plug off old formation  Test new formation  Other physical change in well (specify): Bit Line

6) GEOLOGICAL TARGET FORMATION: Bit Line

7) Estimated depth of completed well: 2220 feet

8) Approximate gas depth: 20 feet

9) Approximate gas density: 0.75

10) Is casing cemented in the area?  Yes  No

OFFICE USE ONLY

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

	Date	Date(s)
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		
OTHER INSPECTIONS		

Reason: \_\_\_\_\_

Reason: \_\_\_\_\_



FIELD REVIEWED

RECEIVED  
AUG 7 1985



IV-9  
(Rev 8-81)

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

State of West Virginia  
Department of Mines  
Oil and Gas Division

DATE 10 MARCH 1985  
WELL NO. 2A SOUTHERN LANDS  
API NO. 047 - 081 - 0703

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME PEAKE OPERATING CO. DESIGNATED AGENT WILCOX  
Address 423 CHARLESTON NATIONAL PLAZA Address 423 CNB PLAZA  
Telephone 304-342-6970 Telephone 304-342-6970  
LANDOWNER SOUTHERN LAND COMPANY SOIL CONS. DISTRICT SOUTHERN  
Revegetation to be carried out by COMPANY CONTRACTOR (Agent)

This plan has been reviewed by SOUTHERN SCD. All corrections and additions become a part of this plan: 3-13-85

(Date)  
Gary W. Boschain  
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>ACCESS ROAD ±600'</u> (A) ±300' 2-4% Spacing <u>±300' 0-2%</u> Page Ref. Manual <u>2-14</u>	Structure <u>DRILLING PIT</u> (1) Material <u>EARTHEN &amp; LINED</u> Page Ref. Manual <u>N/A</u>
Structure <u>DRAINAGE DITCH</u> (B) Spacing <u>EARTHEN</u> Page Ref. Manual <u>2-12 &amp; 2-13</u>	Structure <u>DIVERSION DITCH</u> (2) Material <u>EARTHEN</u> Page Ref. Manual <u>2-12 &amp; 2-13</u>
Structure <u>CROSS DRAINS</u> (C) 0-2% - ONE PER 400' Spacing <u>2-4% - ONE PER 200'</u> Page Ref. Manual <u>TABLE 1, PG. 2-4</u>	Structure <u>SEDIMENT BARRIER</u> (3) Material <u>HAY BALES</u> Page Ref. Manual <u>2-16 &amp; 2-18</u>

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.

STRUCTURE STREAM CROSSING (D)  
MATERIAL TWO 36" STEEL DRAINS  
PAGE REF. MANUAL TABLE 3, PG. 2-8 REVEGETATION

Treatment Area I

Lime 3 Tons/acre  
or correct to pH 6.5

Fertilizer 500 lbs/acre  
(10-20-20 or equivalent)

Mulch HAY 2.0 Tons/acre

Seed\* KY. 31 TALL FESCUE 30 lbs/acre  
ANNUAL RYEGRASS 10 lbs/acre  
CROWN VETCH 10 lbs/acre

Treatment Area II

Lime 3 Tons/acre  
or correct to pH 6.5

Fertilizer 500 lbs/acre  
(10-20-20 or equivalent)

Mulch HAY 2.0 Tons/acre

Seed\* KY. 31 TALL FESCUE 30 lbs/acre  
ANNUAL RYEGRASS 10 lbs/acre  
CROWN VETCH 10 lbs/acre

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

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

PLAN PREPARED BY MICHAEL E. UHL 11/10/2023  
ADDRESS P.O. BOX 8372  
SO. CHAS., WV 25303  
PHONE NO. 304-744-5413



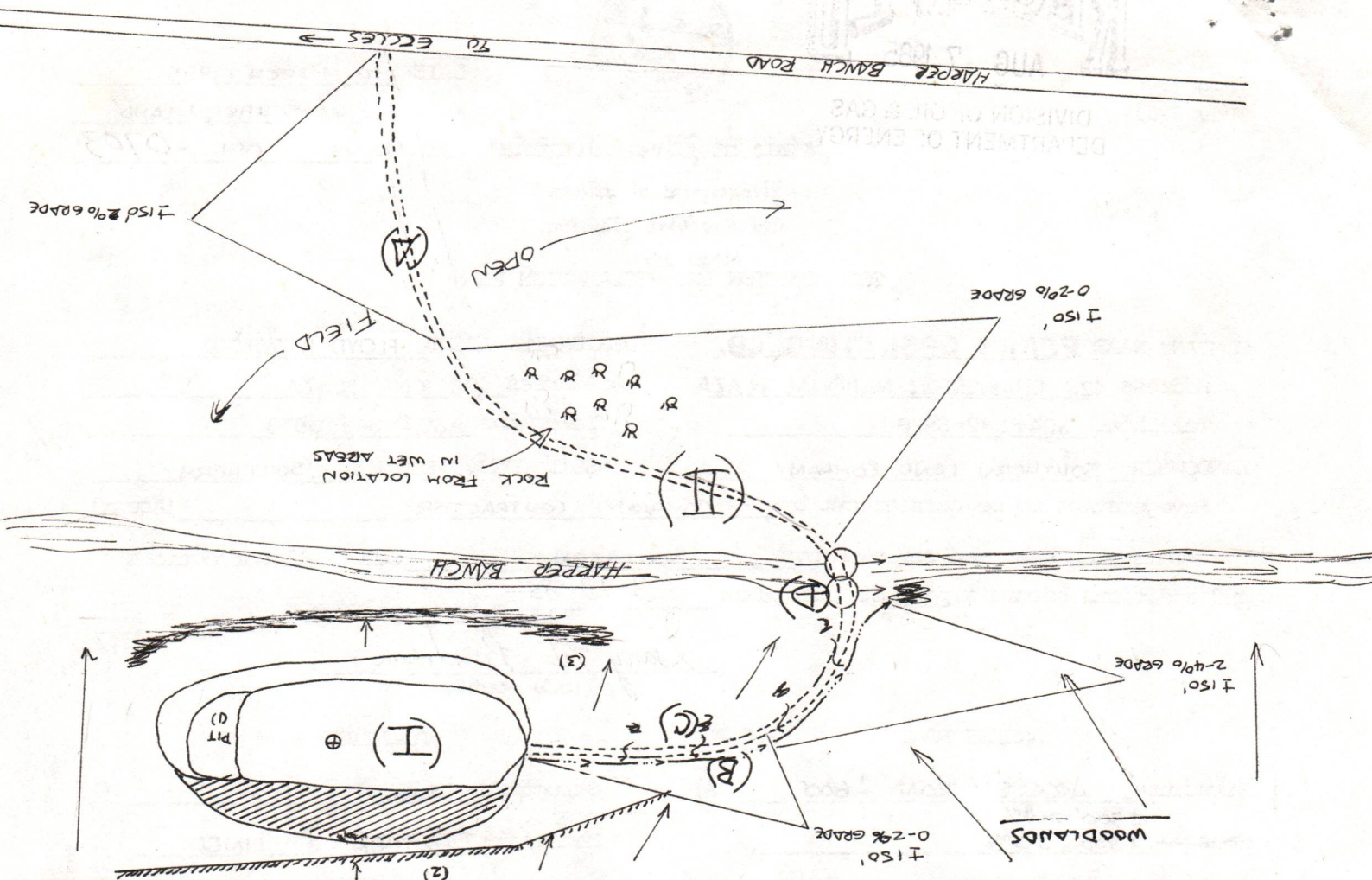
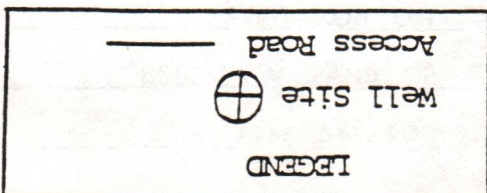
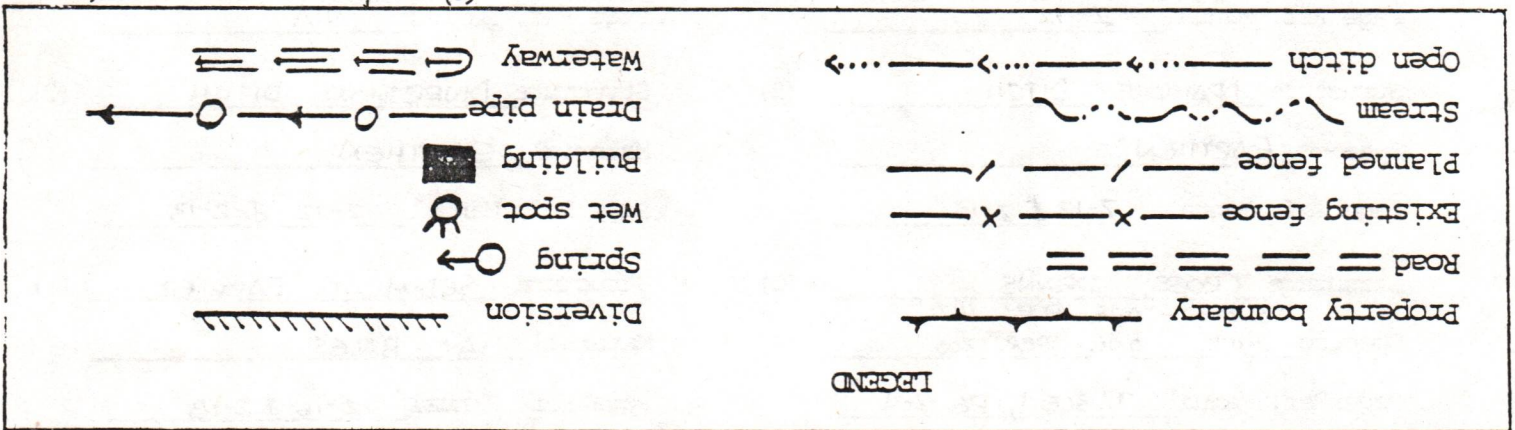
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE ECLES 7.5'

11/10/2023

ATTACHED

WELL SITE PLAN

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









STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OFFICE OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

1) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name Southern Lands Company  
Address 1401 KANAWHA VALLEY BLDG.  
CHARLESTON, WV. 25301

(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_

(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5(i) COAL OPERATOR Beckley Mining  
Address P.O. Box 145  
GLEN DANIELS, WV 25844

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD

Name Southern Lands Company  
Address 1401 KANAWHA VALLEY BLDG.  
CHARLESTON, WV. 25301

Name Attor: Don Pauley  
Address \_\_\_\_\_

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:

Name Beckley Coal Mining  
Address P.O. Box 145  
GLEN DANIELS, WV. 25844  
Attor: DOUG EPPLING

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.

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

14 day of March  
My commission expires 3/8

Don Pauley  
Notary Public, Kanawha County,  
State of West Virginia



WELL OPERATOR Peake Operating Company  
By Kirk E. Smith  
Its MANAGER  
OFFICIAL SEAL 453 CHAS. NATIONAL PLAZA  
NOTARY PUBLIC CHARLESTON, WV 25301  
STATE OF WEST VIRGINIA  
KIRK E. SMITH 342-6970  
1705 Pinewood Drive  
Charleston, West Virginia 25320  
My Commission Expires March 8, 1994

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

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AUG 7 1985

11/10/2023



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.

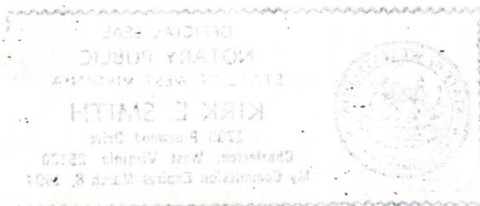
INFORMATION SUPPLIED UNDER CODE § 22-4-11 (d)

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>
Southern Lands	Penke Operating Co.	1/8	48/844



11/10/2023



RECEIVED  
AUG 7 1985

SITE REGISTRATION APPLICATION FORM  
STATE OF WEST VIRGINIA/NPDES GENERAL PERMIT FOR OIL AND GAS  
DRILLING PIT WASTE DISCHARGE  
OIL AND GAS  
DEPARTMENT OF ENERGY

1. Company Name PEAKE OPERATING COMPANY
2. Mailing Address 423 CHAS. NAT. PLAZA CHARLESTON WV 25301  
street city state zip
3. Telephone (304) 342-6970 4. Well Name SOUTHERN LANDS #2-A
5. Latitude 37° 50' 00" Longitude 81° 17' 30"
6. NPDES # WV0073343 7. Dept. Oil & Gas Permit NO. 47-081-0703
8. County BALEIGH 9. Nearest Town ECCLES
10. Nearest Stream HARPER BRANCH 11. Tributary of \_\_\_\_\_
12. Will Discharge be Contracted Out? yes \_\_\_\_\_ no \_\_\_\_\_
13. If Yes, Proposed Contractor \_\_\_\_\_  
Address \_\_\_\_\_  
Telephone \_\_\_\_\_
14. Proposed Disposal Method: UIC \_\_\_\_\_ Land application X  
Off Site Disposal \_\_\_\_\_ Reuse \_\_\_\_\_ Centralized Treatment \_\_\_\_\_  
Thermal Evaporation \_\_\_\_\_ Other \_\_\_\_\_
15. Attach to this application a topographic map (a duplicate of the one submitted to the Office of Oil and Gas) showing the outline of the facility, location of wells, springs, rivers and other surface water bodies, and drinking water wells known to the applicant in the area of the lease that may be impacted by any land application.

Nothing in the general permit shall be deemed in any way to create new, or enlarge existing, rights of riparian owners or others. Neither does anything in the general permit create new, or enlarge existing, obligations or duties of an operator pursuant to the requirements of W. Va. Code S22-4-1 et seq. The issuance of the general permit does not convey any property rights of any sort. Nor shall the issuance of the general permit give rise to any presumptions of law or findings of fact inuring to or for the benefit of persons other than the State of West Virginia.



#2-A Southern Land  
P 532 315 701

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982 \* U.S.G.P.O. 1983-403-517

Sent to	Mr. Don Pauley
Street and No.	1401 Kanawha Valley Buidl
P.O., State and ZIP Code	Charleston, WV 25301
Postage	\$ .50
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.70
Return receipt showing to whom, Date, and Address of delivery	
TOTAL Postage and Fees	\$ 2.01
Postmark or Date	1985 AUG 2 MARTINSBURG, WV USPO

#2-A Southern Land  
P 532 315 700

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982 \* U.S.G.P.O. 1983-403-517

Sent to	Doug Epling
Street and No.	P. O. Box 145
P.O., State and ZIP Code	Glen Daniels, WV 25844
Postage	\$ .50
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.70
Return receipt showing to whom, Date, and Address of delivery	
TOTAL Postage and Fees	\$ 2.01
Postmark or Date	1985 AUG 2 MARTINSBURG, WV USPO

RECEIVED  
 AUG 7 1985  
 DIVISION OF OIL & GAS  
 DEPARTMENT OF ENERGY

11/10/2023





WR-35

State of West Virginia

DEPARTMENT OF ENERGY
Oil and Gas Division

Date October 3, 1985
Operator's Well No. #2-A
Farm Southern Lands
API No. 47 - 081 - 0703

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

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

LOCATION: Elevation: 1897 Watershed Harper Branch
District: Clear Fork County Raleigh Quadrangle Eccles 7.5

COMPANY Peake Operating Company
ADDRESS Suite 423 - Charleston National Plaza
DESIGNATED AGENT Timothy K. Wilcox
ADDRESS Suite 423 - Charleston National Plaza
SURFACE OWNER Southern Land Co.
ADDRESS 1401 Kanawha Valley Building
MINERAL RIGHTS OWNER Southern Land Co.
ADDRESS 1401 Kanawha Valley Building
OIL AND GAS INSPECTOR FOR THIS WORK Rodney
Dillon ADDRESS Sophia, WV
PERMIT ISSUED August 23, 1985
DRILLING COMMENCED September 3, 1985
DRILLING COMPLETED September 10, 1985
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16, 13-10, 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2, and Liners used.

GEOLOGICAL TARGET FORMATION Big Lime Depth 2546 feet
Depth of completed well 2553 feet Rotary X / Cable Tools
Water strata depth: Fresh 150 feet; Salt feet
Coal seam depths: 515 - 517 Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Ravencliff Pay zone depth 1374 - 1408 feet
Gas: Initial open flow 15 Mcf/d Oil: Initial open flow Bbl/d
Final open flow 582 Mcf/d Final open flow Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 360 psig (surface measurement) after hours shut in
(If applicable due to multiple completion--)

Second producing formation Big Lime Pay zone depth 11/10/2028
Gas: Initial open flow 7 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 490 psig (surface measurement) after 72 hours shut in

(Continue on reverse side)

RAIL 0703



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

- 9/24 - perforated the Big Lime (2396-2430) with 32 holes - Dowell acidized with 1000 gallons 28% acid - 8000 gallons 15% HCL, 100 bbl's fresh water flush - total 316 bbl's total fluid - BDP 1400# - ATP 700# - ISIP 650# - after 15 minutes 450#
- 9/26 - perforated the Ravencliff as follows (1374-1408) with 30 holes - set Model N-1 plug at 1440' - treated with 75 Q Faom Frac - used 1000 gallons 15% HCL - 15,000 80/100 sand - 45,000 20/50 sand - 500,000 SCFN<sub>2</sub> - 282 bbl's total fluid - BDP - 2400# - ATP 2300# - ISIP 1800# - after 15 minutes 1600#

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sand & Shale			0	940	Water 30 gallons/minute at 150'
Sand			940	990	
Shale			990	1120	
Sand			1120	1155	
Shale			1155	1300	
Sand			1300	1325	
Shale			1325	1360	gas checks:
Sand - Ravencliff			1360	1412	1428 - .015
Red Rock			1412	1470	2340 - .015
Shale			1470	2155	2553 - .021
Little Lime			2155	2218	
Pencil Cave			2218	2270	
Big Lime			2270	2553	
TD				2553	
DTD - 2553					
LTD - 2550					

(Attach separate sheets as necessary)

Peake Operating Company

Well Operator

By: Thomas S. Liberatore

Date: October 3, 1985

11/10/2023

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 ENERGY  
OIL AND GAS WELLS DIVISION

11 SEP 85 11:00

REC'D. - CHAS.

INSPECTOR'S WELL REPORT

Permit No. 081-0703

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Peake  
 Address Chas.  
 Farm Southern Land Co.  
 Well No. 2-A Southern Land  
 District Clear Fork County Raleigh  
 Drilling commenced \_\_\_\_\_  
 Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_  
 Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
 Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ 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

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 9 5/8 SIZE 256' No. FT. 9-4-85 Date  
 NAME OF SERVICE COMPANY Dowell  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names Keen Rig #1

Remarks:  
9-4-85 Run 256' 9 5/8 CTS w/90 SHS neat  
9-8-85 Drill on Air Soap Hole 827'

9/6/85  
DATE

R. D. Dillon  
DISTRICT WELL INSPECTOR

11/10/2023

9/9/85  
DATE

R. D. Dillon  
DISTRICT WELL INSPECTOR







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

INSPECTOR'S WELL REPORT

Permit No. 081-0703

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>PEAKE</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>CHAS.</u>	Size			
Farm <u>Southern land</u>	16			Kind of Packer _____
Well No. <u>2-A</u>	13			
District <u>Clear Fork</u> County <u>Raleigh</u>	10			Size of _____
Drilling commenced <u>9-3-85</u>	8 1/4			Depth set _____
Drilling completed <u>9/10/85</u> Total depth <u>2553'</u>	6 3/8			
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used			Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.				
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED <u>4 1/2</u> SIZE <u>2502'</u> No. FT. <u>9-10</u> Dat _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>Dowell</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Keen Rig # 2

Remarks: TD Hole AT 2553'  
Run 2502' 4 1/2

9/14/85  
DATE

R. D. Dutton  
11/10/2023  
DISTRICT WELL INSPECTOR







✓ IR-26  
Obverse

INSPECTOR'S PERMIT SUMMARY FORM

8-23-85

WELL TYPE gas  
ELEVATION 1897  
DISTRICT Clear fork  
QUADRANGLE Eales  
COUNTY Raleigh

API# 47-081-0203  
OPERATOR Peake  
TELEPHONE \_\_\_\_\_  
FARM Southern land Co.  
WELL # J-A

SURFACE OWNER Southern land COMMENTS \_\_\_\_\_ TELEPHONE \_\_\_\_\_  
TARGET FORMATION \_\_\_\_\_ DATE APPLICATION RECEIVED \_\_\_\_\_

DATE STARTED \_\_\_\_\_  
LOCATION 8/85 NOTIFIED yes DRILLING COMMENCED 9-3-85

WATER DEPTHS \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
COAL DEPTHS \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

CASING

Ran 256 feet of 9 5/8 "pipe on 9-4 with CTS fill up  
Ran 958 feet of 7 "pipe on 9-7 with CTS fill up  
Ran 2502 feet of 4 1/2 "pipe on 9-10 with \_\_\_\_\_ fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up  
TD 2553 feet on 9-10-85

DEPT. OF OIL AND GAS

PLUGGING

JUN 2 1986

Type	From	To	Pipe Removed

Pit Discharge date: \_\_\_\_\_ Type \_\_\_\_\_

Field analysis ph \_\_\_\_\_ fe \_\_\_\_\_ cl \_\_\_\_\_

Well Record received \_\_\_\_\_

Date Released 5-29-86

P. D. Deller  
Inspector's signature

11/10/2023



API# 47 081-0703

LIST ALL VISITS FOR THIS PERMIT

Keen drilling rig # 2

	DATE	TIME	PURPOSE	COMMENTS
1	9-3		move rig	
2				
3	9-4		Run 256' 9 5/8 CTS	90 SKS.
4				
5	9-6		soap hole at 827'	
6				
7	9-9		dusting hole at 2420'	
8				
9	10-1		well frac not producing	not reclaimed
10				
11	1-10-86		well producing	location reclaimed
12				
13	4-25		location	Seeded
14				
15				
16				
17				
18				
19				
20				

Notes



**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL  
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**

1.0 API well number: (If not assigned, leave blank. 14 digits.)	<u>47 - 081 - 0703</u>				
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	<u>107</u> Section of NGPA		<u>6</u> Category Code		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	_____ feet				
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<u>PEAKE OPERATING COMPANY</u> Name <u>423 CHARLESTON NATIONAL PLAZA</u> Street <u>CHARLESTON</u> <u>W. VA.</u> <u>25301</u> City State Zip Code			_____ Seller Code	
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	<u>CLEAR FORK DISTRICT</u> Field Name <u>RALEIGH</u> <u>WV</u> County 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.)	<u>SOUTHERN LANDS #2-A</u>				
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	<u>BIG LIME</u>				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	<u>N/A</u>				
(b) Date of the contract:	 Mo. Day Yr.				
(c) Estimated total annual production from the well:	<u>2.8</u> Million Cubic Feet				
		(a) Base Price	(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.)	S/MMBTU	_____	_____	_____	_____
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	<u>6.076</u>	<u>0.760</u>	_____	<u>6.836</u>
9.0 Person responsible for this application:	<u>Timothy K. Wilcox</u> <u>Land Manager</u> Name Title <u>Timothy K. Wilcox</u> Signature <u>OCTOBER 3, 1985</u> _____ Date Application is Completed Phone Number				
Agency Use Only Date Received by Juris. Agency <u>OCT - 8 1985</u> Date Received by FERC					

11/10/2023



DEPARTMENT OF MINES, OIL AND GAS DIVISION

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

*Ranondiff*  
*Big Line*

Date: October 3, 19 85 37100

AGENCY USE ONLY

Applicant's Name: PEAKE OPERATING COMPANY

WELL DETERMINATION FILE NUMBER

Address: 423 CHARLESTON NATIONAL PLAZA  
CHARLESTON, WEST VIRGINIA 25301

851008 -1076-081-0703

Use Above File Number on all  
Communications Relating to This Well

Gas Purchaser Contract No. N/A

Date of Contract N/A  
(Month, day and year)

First Purchaser: N/A P 629

Designated Agent: Timothy K. Wilcox

Address: \_\_\_\_\_  
(Street or P.O. Box)  
\_\_\_\_\_  
(City) (State) (Zip Code)

Address: 423 Charleston National Plaza  
Charleston, West Virginia 25301

FERC Seller Code \_\_\_\_\_

FERC Buyer Code \_\_\_\_\_

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

Name: Timothy K. Wilcox \_\_\_\_\_  
(Print) (Title)

Signature: [Signature] \_\_\_\_\_

Address: 423 Charleston National Plaza  
(Street or P.O. Box)  
Charleston, West Virginia 25301  
(City) (State) (Zip Code)

Telephone: (304) 342-6970  
(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 Geopressed 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

11/10/2023

RECEIVED  
OCT - 8 1985

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Date Received

Determination Date



ALLEGHENY  
 NUCLEAR  
 SURVEYS INC.

PEAKE OPERATING COMPANY  
 SOUTHERN LANDS # 2-A  
 G/R \* DEN \* CAL \* TEMP

LOCATION ECCLES 7.5' COUNTY RALEIGH FIELD TRAP HILL DIST. WELL SOUTHERN LANDS # 2-A COMPANY PEAKE OPERATING COMPANY	COMPANY PEAKE OPERATING COMPANY WELL SOUTHERN LANDS # 2-A FIELD TRAP HILL DIST. COUNTY RALEIGH COUNTRY/STATE USA / WV PERMIT NUMBER 47-081-0703			
	LOCATION ECCLES 7.5'			OTHER SERVICES DSI
	LSD	SEC	TWP	RGE

PERMANENT DATUM GROUND LEVEL . ELEVATION 1897'	ELEVATIONS.
LOG MEASURED FROM TOP 7". 0 FT ABOVE PERMANENT DATUM	KB 1900'
DRILLING MEASURED FROM K.B.	DF N/A
	CL 1897'

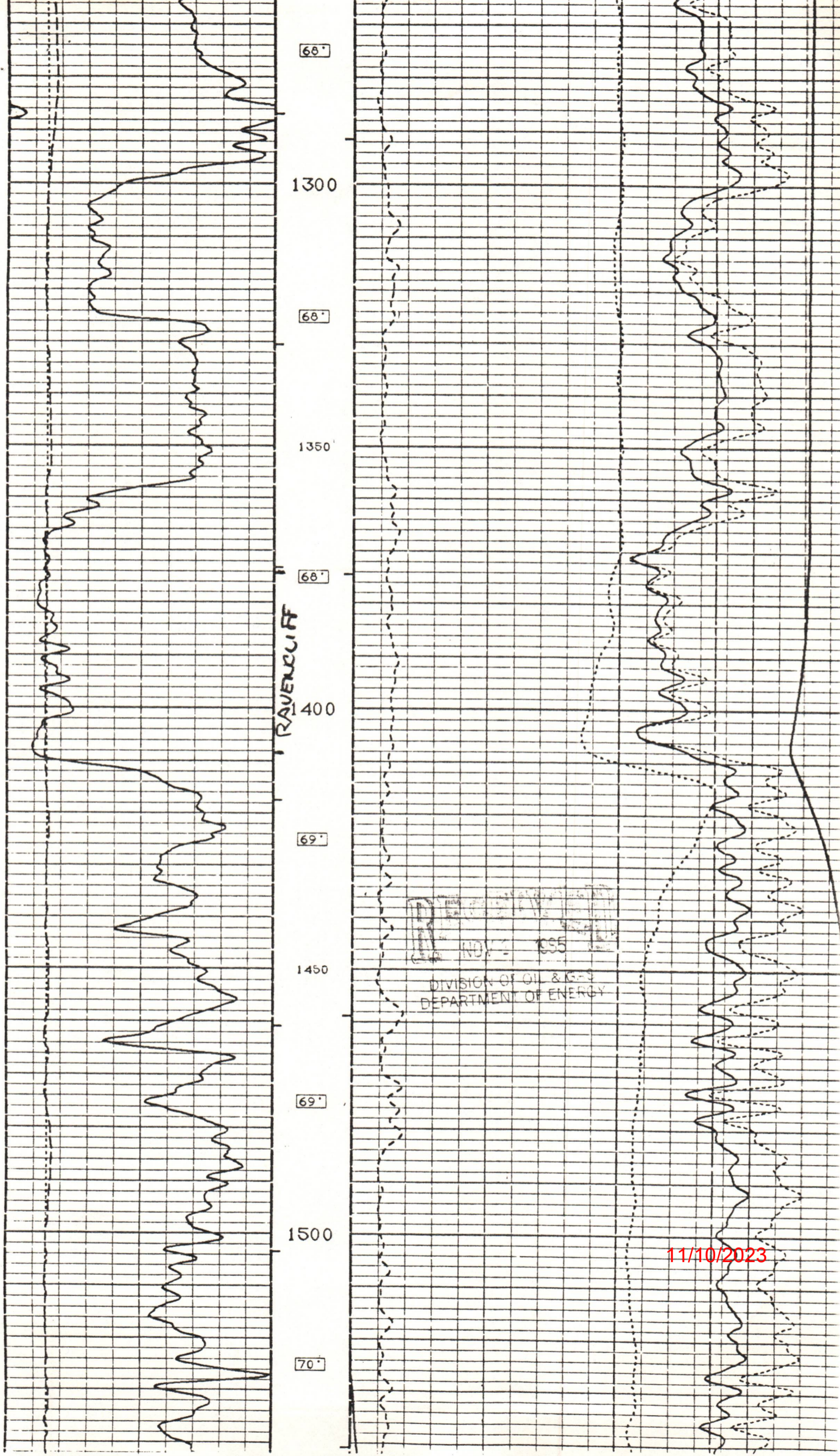
DATE	10-SEP-85			
RUN NUMBER	ONE			
DEPTH-DRILLER	2553'			
DEPTH-LOGGER	2550'			
FIRST READING	2550'			
LAST READING	SURFACE			
CASING-DRILLER	952'			
CASING-LOGGER	950'			
BIT SIZE	6 1/2"			
HOLE FLUID TYPE	NONE			
DENS./VISC.				
PH/FLUID LOSS				
SAMPLE SOURCE				
RM @ MEAS TEMP				
RMF @ MEAS TEMP				
RMC @ MEAS TEMP				
SOURCE. RMF/RMC				
RM @ BHT				
TIME SINCE CIRC	4 HOURS			
MAX REC TEMP	81 DEGREES			
EQUIPMENT/BASE	"264" CHAS			
RECORDED BY	V. CASTO			
WITNESSED BY	T LIBERATORE			



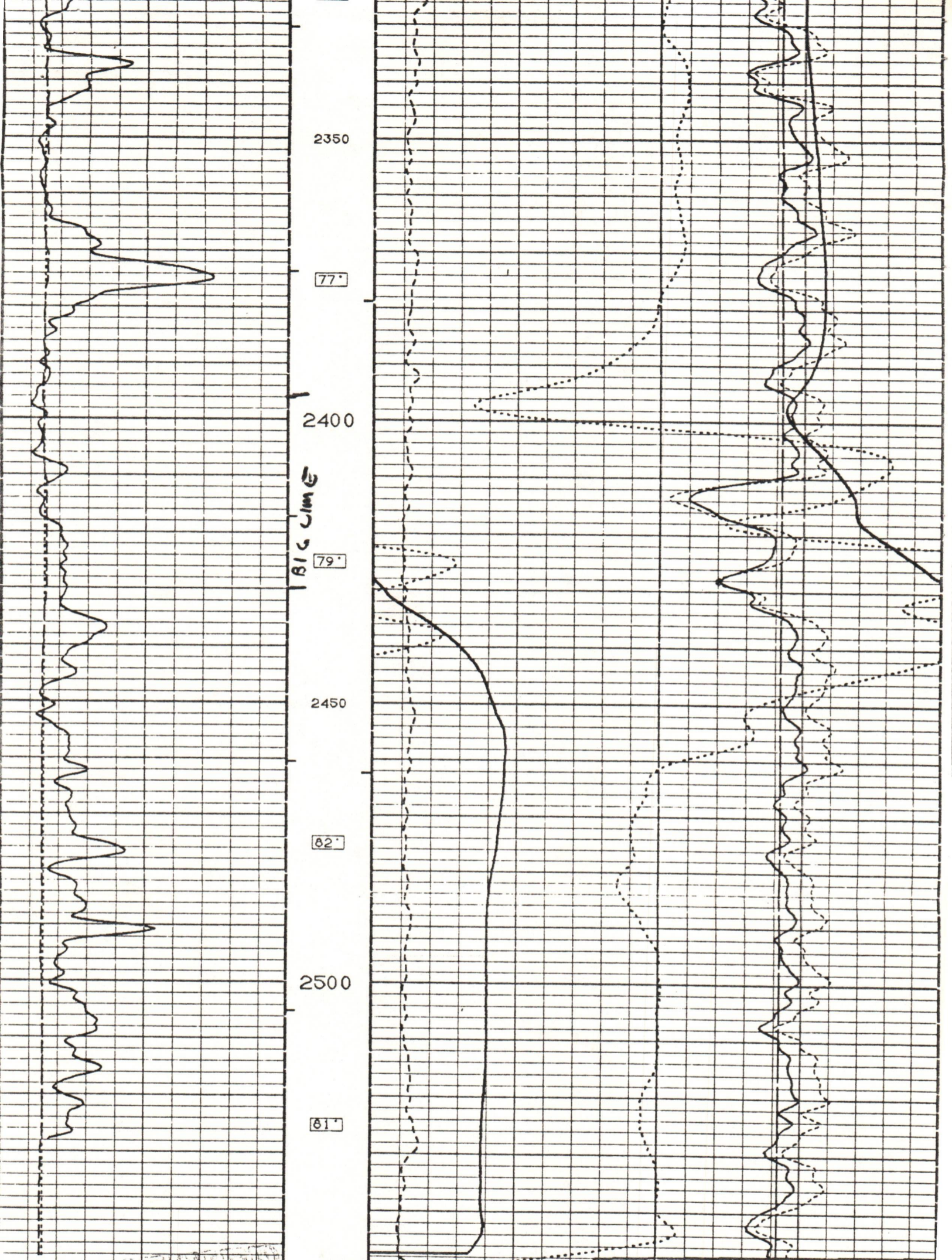
RECEIVED  
NOV 2 1995

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY









2350  
77'  
2400  
79'  
2450  
82'  
2500  
81'  
2550

BIG TIME

DEPTH IN FEET

DIFFERENTIAL TEMPERATURE  
DEGREES F/SAMPLE

-0.04      -0.02      0      0.02      0.04

11/10/2023

BOREHOLE TEMPERATURE LOG  
DEGREES F

50      52.5      55      57.5      60

MATRIX DENSITY  
GRAMS PER CC

HVI EVERY 10 CU FT      2      2.25      2.5      2.75      3

NOV 1 1995

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

BIT SIZE  
INCHES

5      10      15



Date OCTOBER 3 1985

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

Operator's Well No. SOUTHERN CAMPS #2-A  
API Well No. 47 - 081 - 0703  
State County Permit

WELL CLASSIFICATION FORM  
NEW ONSHORE PRODUCTION WELL  
NGPA Section 103

DESIGNATED AGENT Timothy K. Wilcox  
ADDRESS Suite 423 Charleston Nat'l Plaza  
Charleston, WV 25301

WELL OPERATOR Peake Operating Co.  
ADDRESS Suite 423 Charleston Nat'l Plaza  
Charleston, WV 25301

LOCATION: Elevation 1897'  
Watershed HARPER BRANCH  
Dist CLERK FK County ROBERTSON Quad. ECCLIS-7.5

GAS PURCHASER N/A  
ADDRESS \_\_\_\_\_

Gas Purchase Contract No. N/A  
Meter Chart Code \_\_\_\_\_  
Date of Contract N/A

\* \* \* \* \*

Date surface drilling was begun: \_\_\_\_\_

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

BHP = Pe (GD/53.34 T)  
  
BHP = 514.4

P = Wellhead Pressure = 490  
G = Specific Gravity = .58  
D = Depth to Midpoint of Perforations = 2413  
T = Average Temperature (K°) = (t° + 460°) = 541

AFFIDAVIT

I, Timothy K. Wilcox, 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 is 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.

Timothy K. Wilcox

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

I, ROGER PRITT, a Notary Public in and for the state and county aforesaid, certify that TIMOTHY K WILCOX, whose name is signed to the writing above, bearing date 3RD day of OCTOBER, 1985, has acknowledged the same before me, in my county aforesaid. Given under my hand and official seal this 3RD day of OCTOBER, 1985. My term of office expires on the 17TH day of OCTOBER, 1990.

NOTARIAL SEAL)

Roger Pritt  
Notary Public

11/10/2023







ALBEMARLY  
NUCLEAR

PEAKE OPERATING COMPANY  
SOUTHERN LANDS # 2-A

SURVEYS INC.

C/R \* DEN \* CAL \* TEMP

LOCATION ECCLES 7.5'  
COUNTY RALEIGH  
FIELD TRAP HILL DIST.  
WELL SOUTHERN LANDS # 2-A  
COMPANY PEAKE OPERATING COMPANY

COMPANY PEAKE OPERATING COMPANY  
WELL SOUTHERN LANDS # 2-A  
FIELD TRAP HILL DIST.  
COUNTY RALEIGH  
COUNTRY/STATE USA / WV  
PERMIT NUMBER 47-081-0703

LOCATION ECCLES 7.5'  
LSD SEC TYP RCE  
OTHER SERVICES  
DSI

PERMANENT DATUM GROUND LEVEL . ELEVATION 1697'

LOG MEASURED FROM TOP 7". 0 FT ABOVE PERMANENT DATUM  
DRILLING MEASURED FROM K.B.

ELEVATIONS:  
KB 1900'  
DF N/A  
CL 1697'

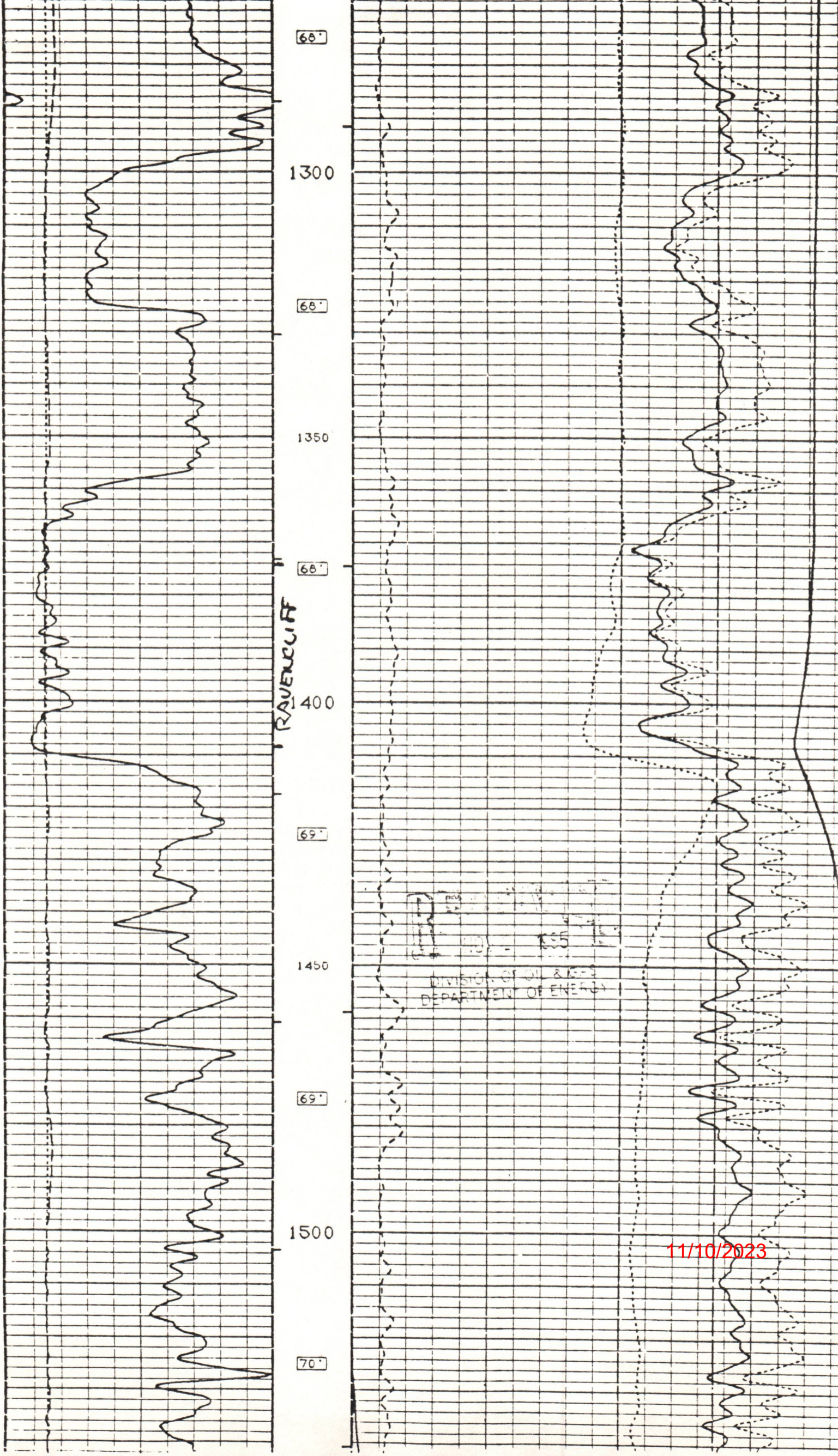
DATE	10-SEP-85			
RUN NUMBER	ONE			
DEPTH-DRILLER	2553'			
DEPTH-LOGGER	2550'			
FIRST READING	2550'			
LAST READING	SURFACE			
CASING-DRILLER	952'			
CASING-LOGGER	950'			
BIT SIZE	6 1/2"			
HOLE FLUID TYPE	NONE			
DENS./VISC.				
PH/FLUID LOSS				
SAMPLE SOURCE				
RM @ MEAS TEMP				
RMF @ MEAS TEMP				
RMC @ MEAS TEMP				
SOURCE: RMF/RMC				
RM @ BHT				
TIME SINCE CIRC	4 HOURS			
MAX REC TEMP	61 DEGREES			
EQUIPMENT/BASE	*264" CHAS			
RECORDED BY	V. CASTO			
WITNESSED BY	T. LIBERATORE			

RECEIVED  
NOV 2 1985

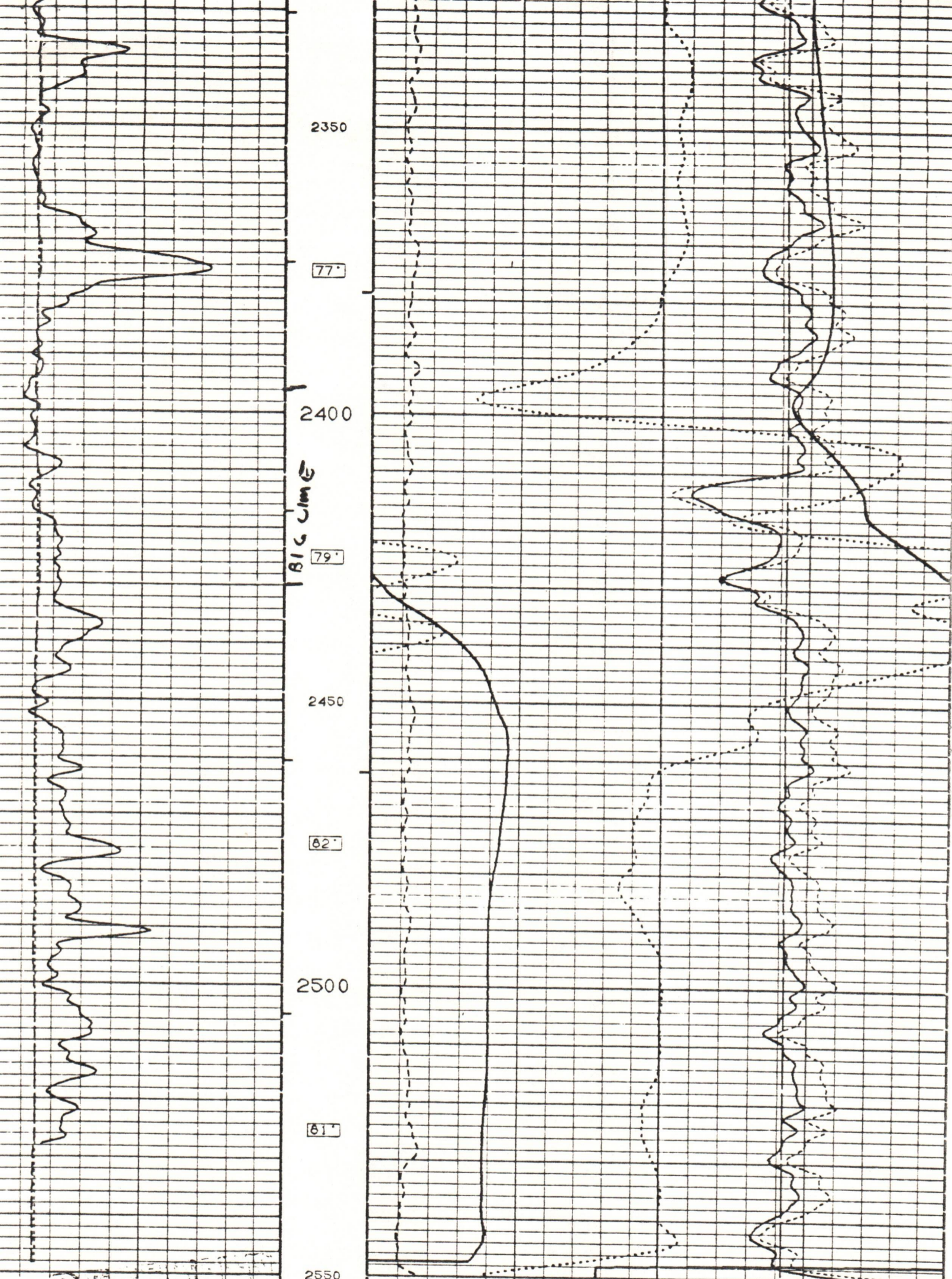
DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

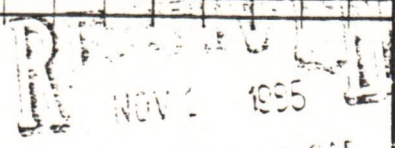
11/10/2023










 NOV 1 1995

DIVISION OF OIL & GAS  
 DEPARTMENT OF ENERGY

BIT SIZE  
 INCHES  
 10

BOREHOLE  
 TEMP IN  
 DEG. F

DIFFERENTIAL TEMPERATURE  
 DEGREES F/SAMPLE  
 -0.04      -0.02      0      0.02      0.04

11/10/2023

BOREHOLE TEMPERATURE LOG  
 DEGREES F

50      52.5      55      57.5      60

HVI  
 EVERY  
 10 CU FT

2

MATRIX DENSITY  
 GRAMS PER CC

2.25      2.5      2.75      3



OCT 30 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: OCTOBER 3, 19 85

37100

AGENCY USE ONLY

Applicant's Name: PEAKE OPERATING COMPANY

Address: 423 CHARLESTON NATIONAL PLAZA

CHARLESTON, WEST VIRGINIA 25301

Gas Purchaser Contract No. N/A

Date of Contract N/A  
(Month, day and year)

First Purchaser: N/A P 629

Address: \_\_\_\_\_  
(Street or P.O. Box)

(City) (State) (Zip Code)

FERC Seller Code \_\_\_\_\_

WELL DETERMINATION FILE NUMBER  
851008 -1076-081 - 0703  
Use Above File Number on all  
Communications Relating to This Well

Designated Agent: Timothy K. Wilcox

Address: 423 Charleston National Plaza

Charleston, West Virginia 25301

FERC Buyer Code \_\_\_\_\_

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

Name: Timothy K. Wilcox Land Manager

Signature: (Print) Timothy K. Wilcox (Title)

Address: 423 Charleston National Plaza  
(Street or P.O. Box)

Charleston, West Virginia 25301  
(City) (State) (Zip Code)

Telephone: ( 304 ) 342-6970  
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

02 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

03 New Onshore Production Well

- 103 New Onshore Production Well

07 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  
11/10/2023

RECEIVED  
OCT - 8 1985

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Date Received

Determination Date



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

Date OCTOBER 3, 1985

Operator's Well No. SOUTHERN LANDS #2-A

API Well No. 47 - 081 - 0703  
State County Permit

WELL CLASSIFICATION FORM  
HIGH COST GAS WELL—NEW TIGHT FORMATION

MGPA Section 197

DESIGNATED AGENT Timothy K. Wilcox  
ADDRESS Suite 423 Charleston National Plaza

Charleston, WV 25301

WELL OPERATOR Peake Operating Co.

LOCATION: Elevation 1897'

ADDRESS Suite 423 Charleston National Plaza Watershed HARPER BRANCH  
Charleston, WV 25301 Dist CLAYTON County ROBERTSON Quad. ECCLES 7.5

GAS PURCHASER N/A

Gas Purchase Contract No. N/A

ADDRESS \_\_\_\_\_

Meter Chart Code \_\_\_\_\_

Date of Contract N/A

\* \* \* \* \*

Date surface drilling began: SEPTEMBER 3, 1985

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

BHP = Pe (GD/53.34 T)

P = Wellhead Pressure = 360

G = Specific Gravity = .58

D = Depth to Midpoint of Perforations = 1391

T = Average Temperature (K°) = 533°

BHP = 370.4

AFFIDAVIT

I, Timothy K. Wilcox, 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 July 16, 1979, the gas is being produced from a designated tight formation 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.

Timothy K. Wilcox

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

I, ROGER PRITT, a Notary Public in and for the state and county aforesaid, do certify that TIMOTHY K. WILCOX whose name is signed to the writing above, bearing date the 3RD day of OCTOBER, 1985, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 3RD day of OCTOBER, 1985.

My term of office expires on the 17TH day of OCTOBER, 1985.

Roger Pritt  
Notary Public

[NOTARIAL SEAL]

11/10/2023

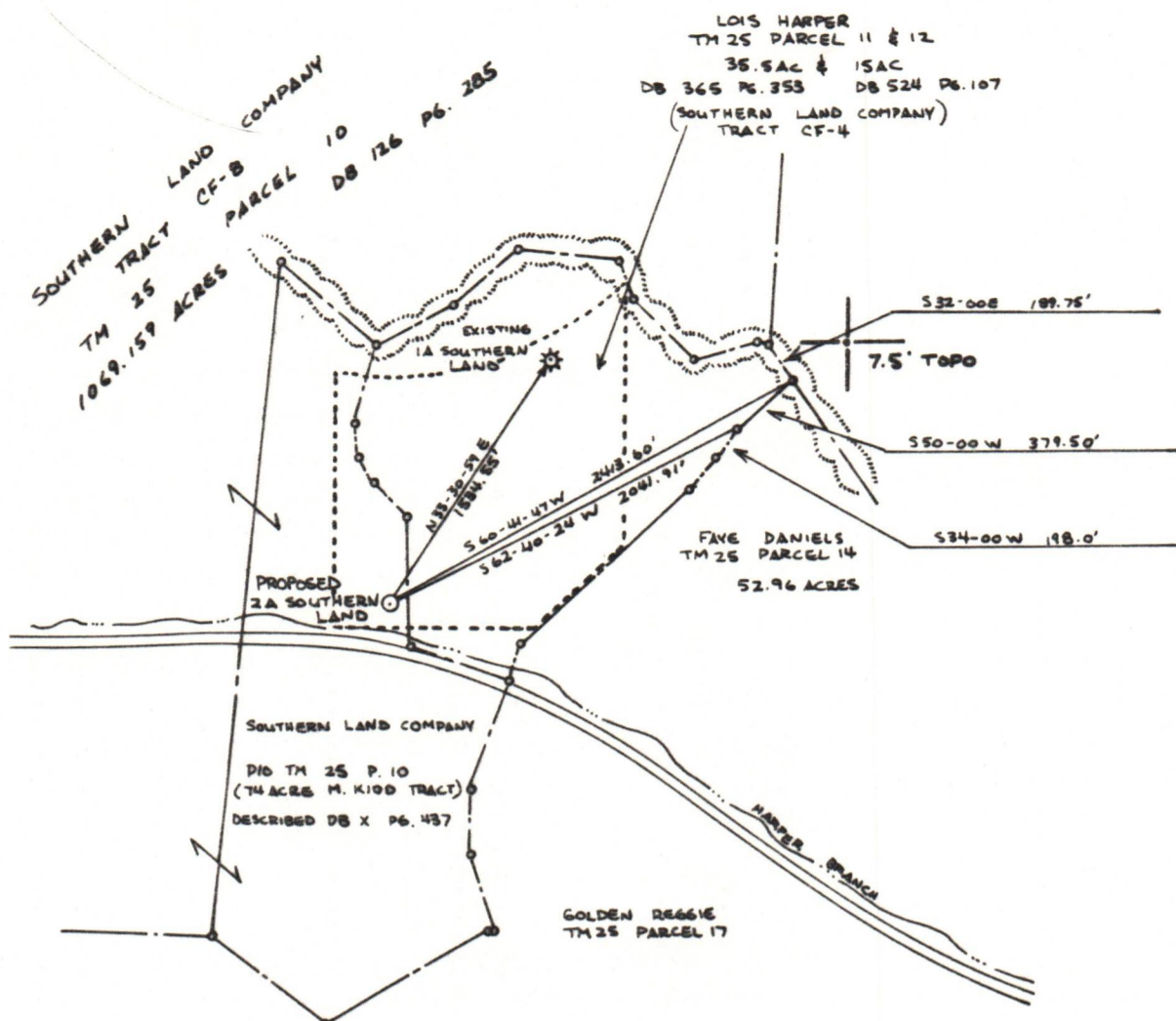


MU 8-12-85

5025' LATITUDE 37°50'00"

LONGITUDE 81°17'30"

NORTH

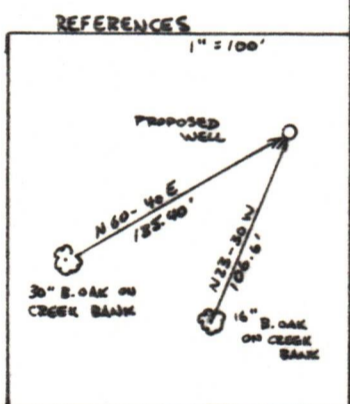


NOTE:

HORIZONTAL AND VERTICAL CONTROL SUPPLIED BY BECKLEY MINING COMPANY (T-RAILS "T1" AND "T2")

- COORDINATES OF PROPOSED 2A SOUTHERN LAND  
N - 298753.70 ; E - 1910792.34
- COORDINATES OF EXISTING 1A SOUTHERN LAND  
N - 30033.09 ; E - 1911638.68

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS



FILE NO. 85013

DRAWING NO. \_\_\_\_\_

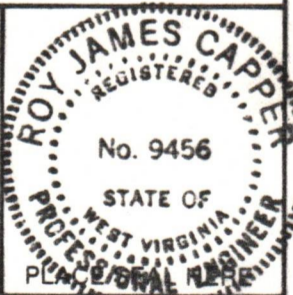
SCALE 1" = 1000'

MINIMUM DEGREE OF ACCURACY 1 IN 2500

PROVEN SOURCE OF ELEVATION BECKLEY MINING CO. T-RAIL "T1" (1827.85')

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) Roy James Capper  
R.P.E. 9456 P.L.S.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

DATE 7 MARCH, 19 85

OPERATOR'S WELL NO. 2A SOUTHERN LAND  
API WELL NO. 47-081-0703

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
(IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 1897.6 WATERSHED HARPERS BRANCH  
DISTRICT CLEAR FORK COUNTY RALEIGH  
QUADRANGLE ECCLES 7.5

SURFACE OWNER SOUTHERN LAND COMPANY ACREAGE 1069.159  
OIL & GAS ROYALTY OWNER SOUTHERN LAND CO. LEASE ACREAGE 1069.159 11/10/2023  
LEASE NO. 48/844

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON  CLEAN OUT AND REPLUG

TARGET FORMATION Big Lime ESTIMATED DEPTH 2546

WELL OPERATOR PEAKE OPERATING COMPANY DESIGNATED AGENT TIMOTHY K. WILCOX  
ADDRESS 423 CHARLESTON NATIONAL PLAZA ADDRESS 423 CHARLESTON NATIONAL PLAZA  
CHARLESTON, WEST VIRGINIA 25301 CHARLESTON, WEST VIRGINIA 25301

FORM IV-6 (8-78)

COUNTY NAME PERMIT



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

INSPECTOR'S WELL REPORT

Permit No. 081-0703

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Peake  
Address CHAS.  
Farm Southernland  
Well No. 2-A  
District Clearfork County Raleigh  
Drilling commenced \_\_\_\_\_  
Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_  
Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ 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

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			Kind of Packer
16			
13			Size of
10			
8 1/4			Depth set
6 3/8			
5 3/16			Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

CASING CEMENTED 7" SIZE 958' No. FT. 9-6 Date \_\_\_\_\_  
NAME OF SERVICE COMPANY Dowell  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Drillers' Names Keen Rig #2

Remarks:

9-6 Run 958' 7" CTS neat (Dowell)  
9-9 Drill on Air dust 6 1/2 Hole 2420'

9/9/85  
DATE

L. J. D... 11/10/2023  
DISTRICT WELL INSPECTOR



