

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. H-705
API Well No. 47 - 085 5663
State County Per

WELL TYPE: Oil XX / Gas XX /
(If "Gas", Production XX / Underground storage / Deep / Shallow XX /)

LOCATION: Elevation: 1057' Watershed: Indian Run
District: Murphy County: Ritchie Quadrangle: Harrisville 7 1/2'

WELL OPERATOR Haight, Inc.
Address Rt. 3, Box 14
Smithville, WV 26178

DESIGNATED AGENT Warren R. Haight
Address Rt. 3, Box 14
Smithville, WV 26178

OIL & GAS ROYALTY OWNER G.Y. Rexroad Heirs
Address Marietta, OH 45750

COAL OPERATOR None
Address:

ACREAGE 55 1/2
SURFACE OWNER Linda Crosby
Address
ACREAGE 55 1/2

COAL OWNER(S) WITH DECLARATION ON RECORD:

Name
Address
RECEIVED
MAY 27 1982
Name
Address OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

FIELD SALE (IF MADE) TO:
Name
Address

COAL LESSEE WITH DECLARATION ON RECORD:

Name None
Address

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Deo Mace
Address Rt. 1, Box 5
Sandridge, WV 25325

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease XX / other contract / dated February 1, 1978, to the undersigned well operator from G. Y. Rexroad

[If said deed, lease, or other contract has been recorded:]

Recorded on February 2, 1978, in the office of the Clerk of the County Commission of Ritchie County, West Virginia, in Lease Book 124 at page 566. A permit is requested as follows:

PROPOSED WORK: Drill XX / Drill deeper / Redrill / Fracture or stimulate /
Plug off old formation / Perforate new formation /
Other physical change in well (specify)

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

04/19/2024

BLANKET COPY

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

Haight, Inc.
Well Operator
By Warren R. Haight
Its President

[08-78]

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Haight, Inc.
Address Rt. 3, Box 14
Smithville, WV 26178

GEOLOGICAL TARGET FORMATION, Shale

Estimated depth of completed well, 5000' feet Rotary XX / Cable tools /
Approximate water strata depths: Fresh, 257 feet; salt, 557 feet.
Approximate coal seam depths: None Is coal being mined in the area? Yes / No XX

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	Depths set
Conductor						<u>300'</u>	<u>300'</u>	<u>CTS</u>	Kinds	
Fresh water	<u>8-5/8</u>	<u>K-55</u>	<u>20#</u>	<u>X</u>		<u>1257'</u>	<u>1257'</u>	<u>Cement to Surface</u>	Surface	
Coal									Sizes	
Intermediate										
Production	<u>4 1/2</u>	<u>J-55</u>	<u>10.5#</u>	<u>X</u>			<u>5000'</u>	<u>500 Sacks</u>	Depths set	
Tubing										
Liners									Perforations:	
									Top	Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, 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 § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE.
ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY
APPROVED FOR drilling **. THIS PERMIT SHALL EXPIRE**
IF OPERATIONS HAVE NOT COMMENCED BY 2-4-83
BY [Signature]

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

04/19/2024

Date: , 19

By
Its



DATE 21 APRIL, 1982
WELL NO. 4-705
API NO. 47 - 085 - 5663

State of West Virginia

Department of Mines
Oil and Gas Division
Construction & Reclamation Plan

RECEIVED

MAY 27 1982

COMPANY NAME OIL AND GAS DIVISION
ADDRESS WV DEPARTMENT OF MINES
SMITHVILLE, W.VA. 26178

DESIGNATED AGENT WARREN HAUGHT
ADDRESS SMITHVILLE, W.VA. 26178

Telephone (304) 477-3333

Telephone (304) 477-3333

LANDOWNER LINDA CROSBY

SOIL CONS. DISTRICT LITTLE KANAWHA

Revegetation to be carried out by WARREN HAUGHT (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 5-23-82

(Date)

Garrett Newton
(SCD Agent)

ACCESS ROAD

LOCATION

Structure CROSS DRAIN

(A)

Structure DIVERSION DITCH (1)

Spacing 45' TO 400' (AS NEEDED)

Material SOIL

Page Ref. Manual 2:4

Page Ref. Manual 2:10

Structure RIP-RAP (STONE-LOGS)

(B)

Structure RIP-RAP (2)

Spacing SAME AS CROSS DRAIN

Material ROCK-LOGS

Page Ref. Manual N/A

Page Ref. Manual N/A

Structure DRAINAGE DITCH

(C)

Structure _____ (3)

Spacing _____

Material _____

Page Ref. Manual 2:10

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

Treatment Area II

Lime _____ Tons/acre
or correct to pH 6.5

Lime _____ Tons/acre
or correct to pH 6.5

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

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

Mulch HAY OR STRAW 2 Tons/acre

Mulch HAY OR STRAW 2 Tons/acre

Seed* KY 31 TALL FESCUE 40 lbs/acre

Seed* KY 31 TALL FESCUE 40 lbs/acre

REDTOP 5 lbs/acre

REDTOP 5 lbs/acre

BIRDSEED TREFOIL 10 lbs/acre
lbs/acre

BIRDSEED TREFOIL 10 lbs/acre
lbs/acre

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

04/19/2024

PLAN PREPARED BY WILLIAM R. MOSSOR, L.L.S.

ADDRESS 112 NORTH SPRING STREET

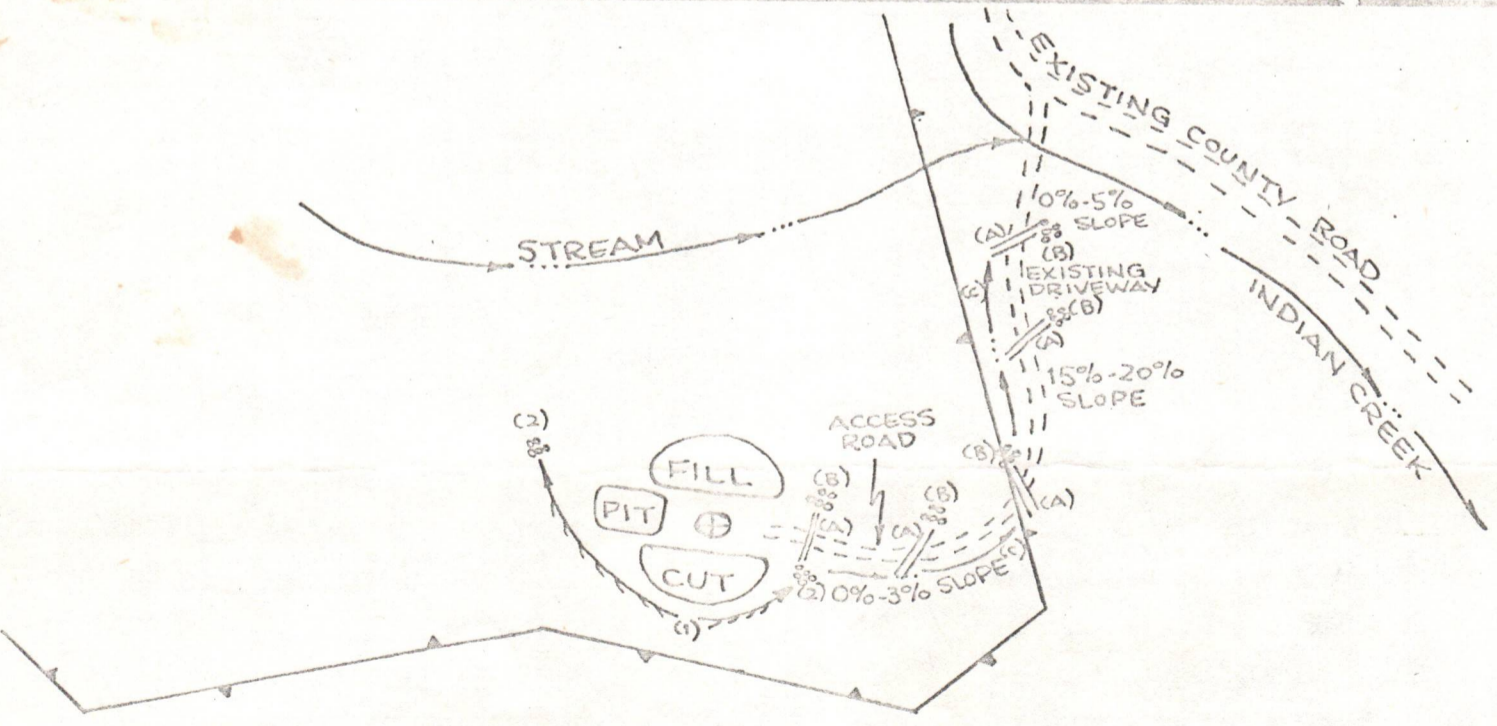
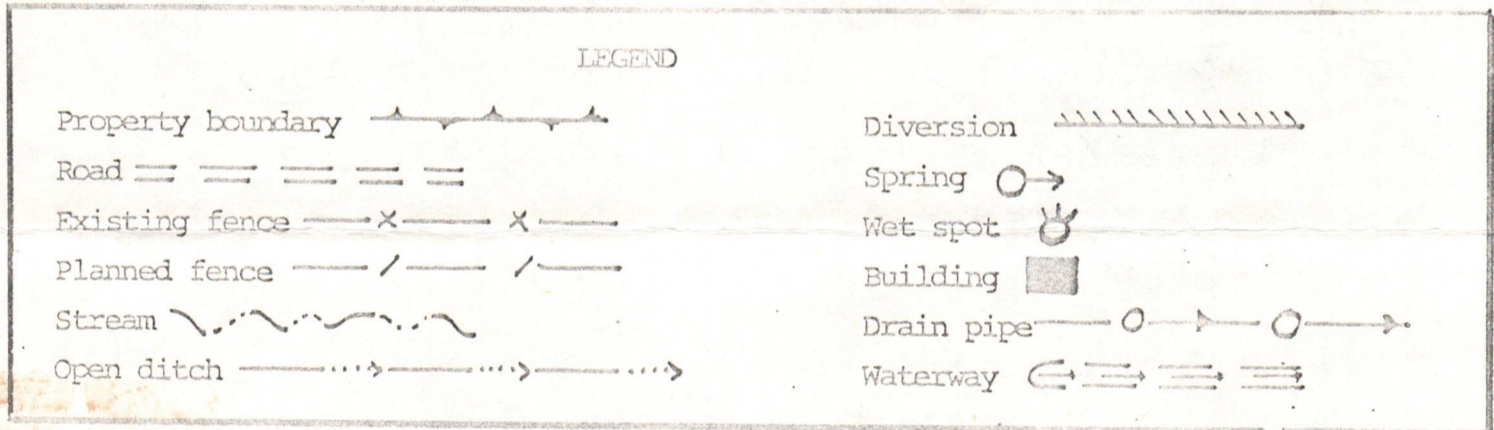
HARRISVILLE, W.VA. 26362

PHONE NO. (304) 643-4572

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

ATTACH OR PHOTOCOPY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE HARRISVILLE

LEGEND
WELL SITE ⊕ ACCESS ROAD —



- Comments:
1. LENGTH OF ACCESS ROAD 800'.
 2. BRUSH AND TREES TO BE PILED AT SITE.
 3. _____
 4. _____
 5. _____

04/19/2024

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

Fraced By B.J. Hughes--Nitrogen
19 Holes from 3982 to 4094

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
R.R.	Red	Soft	0	17	
Shale	Gray	Soft	17	28	
R.R.	Red	Soft	28	32	
Shale	Gray	Soft	32	59	
R.R.	Red	Soft	59	67	
Shale	Gray	Soft	67	70	
R.R.	Red	Soft	70	74	
Shale	Gray	Soft	74	85	
R.R.	Red	Soft	85	88	
Shale	Gray	Soft	88	96	
R.R.	Red	Soft	96	104	
Shale	Gray	Soft	104	133	
R.R.	Red	Soft	133	138	
Shale	Gray	Soft	138	210	
R.R.	Red	Soft	210	240	
Shale	Gray	Soft	240	319	
Sand	White	Hard	319	388	
R.R.	Red	Soft	388	423	
Shale	Gray	Soft	423	454	
R.R.	Red	Soft	454	470	
Shale	Gray	Soft	470	525	
R.R.	Red	Soft	525	558	
Sand	White	Hard	558	615	
Shale	Gray	Soft	615	709	
R.R.	Red	Soft	709	715	
Shale	Gray	Soft	715	840	
R.R.	Red	Soft	840	938	
Sand	White	Hard	938	952	
Shale	Gray	Soft	952	970	
R.R.	Red	Soft	970	998	
Sand	White	Hard	998	1095	
R.R.	Red	Soft	1095	1127	
Shale	Gray	Soft	1127	1221	
Sand	White	Hard	1221	1275	
Shale	Gray	Soft	1275	1547	
Sand	White	Hard	1547	1720	
Shale	Gray	Soft	1720	1866	

(Attach separate sheets to complete as necessary)

Haught, Inc.
Well Operator

By Warren R. Haught
It's W.R.H. President 04/19/2024

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 DIVISION

Date July 26, 1982

FORM IV-35
(Obverse)

Operator's G.Y. Rexroad
Well No. H-705

[08-78]

WELL OPERATOR'S REPORT
OF

API Well No. 47-085-5663
State County Permit

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1057' Watershed: Indian Run
District: Murphy County: Ritchie Quadrangle: Harrisville, WV

WELL OPERATOR Haught, Inc. DESIGNATED AGENT Warren R. Haught
Address Rt 3, Box 14 Address Rt. 3, Box 14
Smithville, WV 26178 Smithville, WV 26178

PERMITTED WORK: Drill x / Convert ___ / Drill deeper ___ / Redrill ___ / Fracture or stimulate ___
Plug off old formation ___ / Perforate new formation ___ /
Other physical change in well (specify) _____

PERMIT ISSUED ON May 27, 1982

OIL & GAS INSPECTOR FOR THIS WORK:

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

Name Deo Mace

Address Rt 1 Box 5

Sandridge, WV 25325

GEOLOGICAL TARGET FORMATION: Devonian Shale Depth 4119-4269 feet

Depth of completed well, 4279 feet Rotary x / Cable Tools ___

Water strata depth: Fresh, ___ feet; salt, ___ feet.

Coal seam depths: None Is coal being mined in the area? No

Work was commenced July 12, 1982, and completed July 19, 1982

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								Kinds
Fresh water	8 5/8	K-55	20#	x		1067	1067'	
Coal								Sizes
Intermediate								
Production	4 1/2	J-55	10.5#	x			4194'	250 sacks
Tubing								Depths set
Liners								Perforations:
								Top Bottom
								3982 - 4094

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NOV 4 - 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth 4119-4269 feet

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

Final open flow, 350,000 Mcf/d Final open flow, 20 Bbl/d

Time of open flow between initial and final tests, 8 hours

Static rock pressure, 100 psig (surface measurement) after 12 hours

[If applicable due to multiple completion--]

Second producing formation _____ Pay zone depth _____ feet

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

Final open flow, ___ Mcf/d 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

04/19/2024

Rt. - 5663

FORMATION COLOR HARD OR SOFT TOP FEET BOTTOM FEET

Shale	Gray	Soft	1866	1954
Sand	White	Hard	1954	1973
Lime	White	Hard	1973	2001
Big Lime	White	Hard	2901	2112
Sand	White	Hard	2112	2163
Shale	Gray	Soft	2163	2196
Sand	White	Hard	2196	2209
Shale	Gray	Soft	2209	2280
Sand	White	Hard	2280	2294
Shale	Gray	Soft	2294	3745
Sand	White	Hard	3745	3762
Shale	Gray	Soft	3762	3987
Sand	White	Hard	3987	3994
Shale	Gray	Soft	3994	4107
Sand	White	Hard	4107	4119
Shale	Gray	Soft	4119	4264
Sand	White	Hard	4264	4279

RECEIVED

NOV 4 - 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

04/19/2024

RIT. - 5663

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

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OCT - 4 1983

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 085 5663

Oil or Gas Well _____
(KIND)

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

Drillers' Names _____

Remarks: Needs Seed mulch on road,
needs lime + fertilizer on location.

92683
DATE

J. [Signature] T. [Signature]
04/19/2024
DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

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OCT - 4 1983

FINAL INSPECTION REQUEST
INSPECTOR'S COMPLIANCE REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 085 5663 County Ritchie
Company Naughton Farm Reproed
Inspector JERRY M. TEPHABOCK Well No. H 705
Date 9 29 83

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 Strength	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to prevent Waste	_____	_____
23.03	Reclaimed Drilling Site	_____ ✓	_____
23.04	Reclaimed Drilling Pits	_____ ✓	_____
23.05	No surface or underground Pollution	_____ ✓	_____
7.03	Identification Markings	_____ ✓	_____

COMMENTS: lined Today - Saw Seed & muddy dry road

Release

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED: Jerry M. Tephobock
9 29 83

04/19/2024



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

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

October 14, 1983

Haught, Inc.
4424 Emerson Avenue
Parkersburg, W. Va. 26104

Gentlemen:

The required records and reports have been received in this office and the District Inspectors have submitted FINAL INSPECTIONS for the following wells listed below:

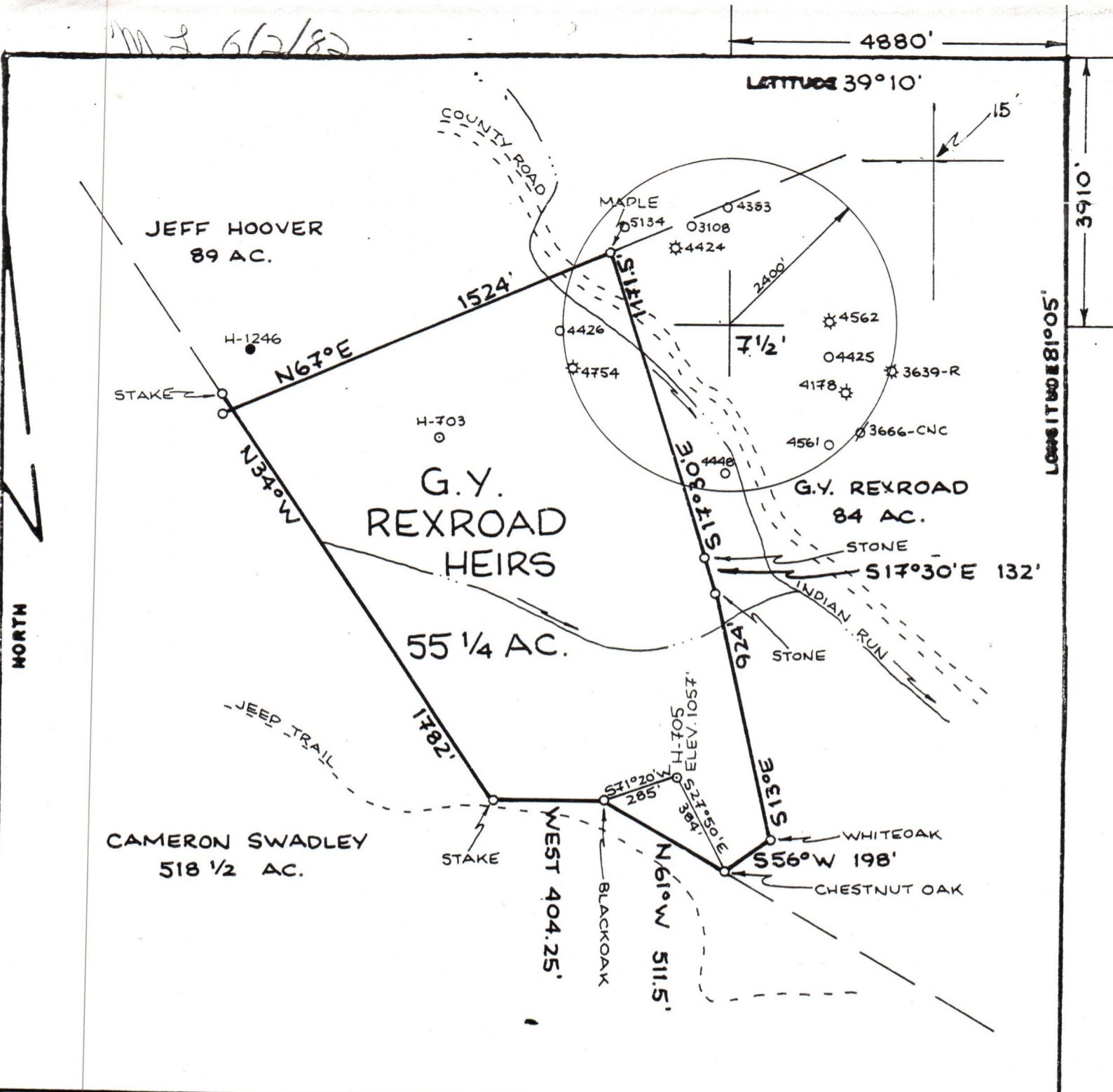
<u>PERMIT NUMBER</u>	<u>FARM AND WELL NUMBER</u>	<u>DISTRICT</u>
RIT-4861	Ronald Warner, #H-1016	Union
RIT-4969-REN.	Clemmie Ingram Heirs, #H-938	Grant
RIT-4984	Edwin Lee Deem, #H-1129	Union
RIT-5489	John & Lucy F. Sims, #H-1304	Murphy
RIT-5587	W. Va. Pulp & Paper, #H-1327	Grant
RIT-5663	G. Y. Rexroad Heirs, #H-705	Murphy
RIT-5789	Westvaco, #H-1343	Grant
RIT-5792	Donald Harold Lowther, #H-1347	Grant
RIT-6087	G. Y. Rexroad, Heirs, #H-695	Murphy
RIT-6089	Claude B. Rexroad, #H-1357	Grant
RIT-6115	James D. Law, et al, #H-1368	Union
RIT-6225	Maxine Moats/Westvaco, #H-1377	Grant
RIT-6318	Clyde & Claude Swadley, #H-988	Murphy
RIT-6333	D.N.Furbee & H. Sweeney, #H-1382	Grant
RIT-6338	Sue W. Davis, #H-1398	Grant
RIT-6351	Eleanor V. Raiguel, #H-1400	Murphy

In accordance with Chapter 22, Article 4, Section 2, the above captioned wells will remain under bond coverage for "life of wells." Reclamation requirements have been approved.....

Very truly yours,

Theodore M. Streit, Administrator

04/19/2024



FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION RD. INT. ELEV. 861'

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) *William R. [Signature]*
 R.P.E. _____ L.L.S. 551

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-79)



DATE 22 APRIL _____, 19 82
 OPERATOR'S WELL NO. H-705
 API WELL NO. 47-085-5663
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS", PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 1057' WATER SHED INDIAN RUN
 DISTRICT MURPHY COUNTY RITCHIE

SURFACE OWNER LINDA CROSBY ACREAGE 55 1/4
 OIL & GAS ROYALTY OWNER G.Y. REXROAD HEIRS LEASE ACREAGE 55 1/4

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

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION SHALE ESTIMATED DEPTH 5000'
 WELL OPERATOR HAUGHT, INC. DESIGNATED AGENT WARREN HAUGHT
 ADDRESS SMITHVILLE, W.VA. 26178 ADDRESS SMITHVILLE, W.VA. 26178

04/19/2024