

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. H-1335

API Well No. 47 - 085 5731  
State County Permi

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

LOCATION: Elevation: 1022 Watershed: Devilhole Creek  
District: Grant County: Ritchie Quadrangle: Cairo 7 1/2"

WELL OPERATOR Haught, Inc.  
Address Rt. 243 Box 14  
Smithville, WV 26178

DESIGNATED AGENT Warren R. Haught  
Address Smithville, WV 26178

OIL & GAS ROYALTY OWNER Harry Moats et al  
Address 210 E. Main Street  
Harrisville, WV 26362

COAL OPERATOR None  
Address \_\_\_\_\_

Acreage '37

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Brusie Lanham  
Address 414 W. Miles  
Pennsboro, WV  
Acreage 37

Name \_\_\_\_\_

Address RECEIVED

Name JUN 25 1982

FIELD SALE (IF MADE) TO:  
Name Consolidated Gas Supply Corp.  
Address 445 West Main Street  
Clarksburg, WV 26301

Address OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

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

COAL LESSEE WITH DECLARATION ON RECORD:

Name None

Address \_\_\_\_\_

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed \_\_\_ / lease X / other contract \_\_\_ / dated May 21, 1982, to the undersigned well operator from Harry Moats

If said deed, lease, or other contract has been recorded:]  
Recorded on May 24, 1982, in the office of the Clerk of the County Commission of Ritchie County, West Virginia, in Lease Book 144 at page 223. 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

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
5 WASHINGTON STREET EAST  
CHESTON, WV 25311

PHONE: (304) 348-3092

BLANKET BOND

Haught, Inc.  
Well Operator

By

Warren R. Haught

Its

President

**PROPOSED WORK ORDER**

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

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

GEOLOGICAL TARGET FORMATION, Devonian Shale

Estimated depth of completed well, 5000 feet Rotary X / Cable tools      /

Approximate water strata depths: Fresh, 75 feet; salt, 572 feet.

Approximate coal seam depths: None Is coal being mined in the area? Yes      / No X /

**DRILLING AND TUBING PROGRAM**

DRILLING 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									Kinds
Production	8-5/8	K-55	20#	X		<del>300</del> 250'	<del>300</del> 250'	Cement to Surface	Depths set
Intermediate									Perforations:
Production	4 1/2'	J-55	10.5#	X			5000	500 Sacks	Top Bottom
Logging									
Wells									

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 3-2-83.

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 location, the well location has been added to the mine map. The undersigned has no objection to 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.

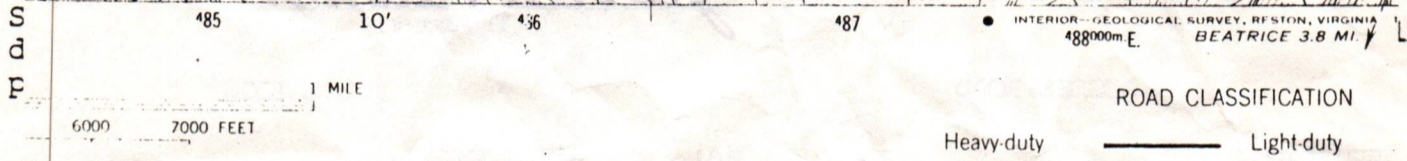
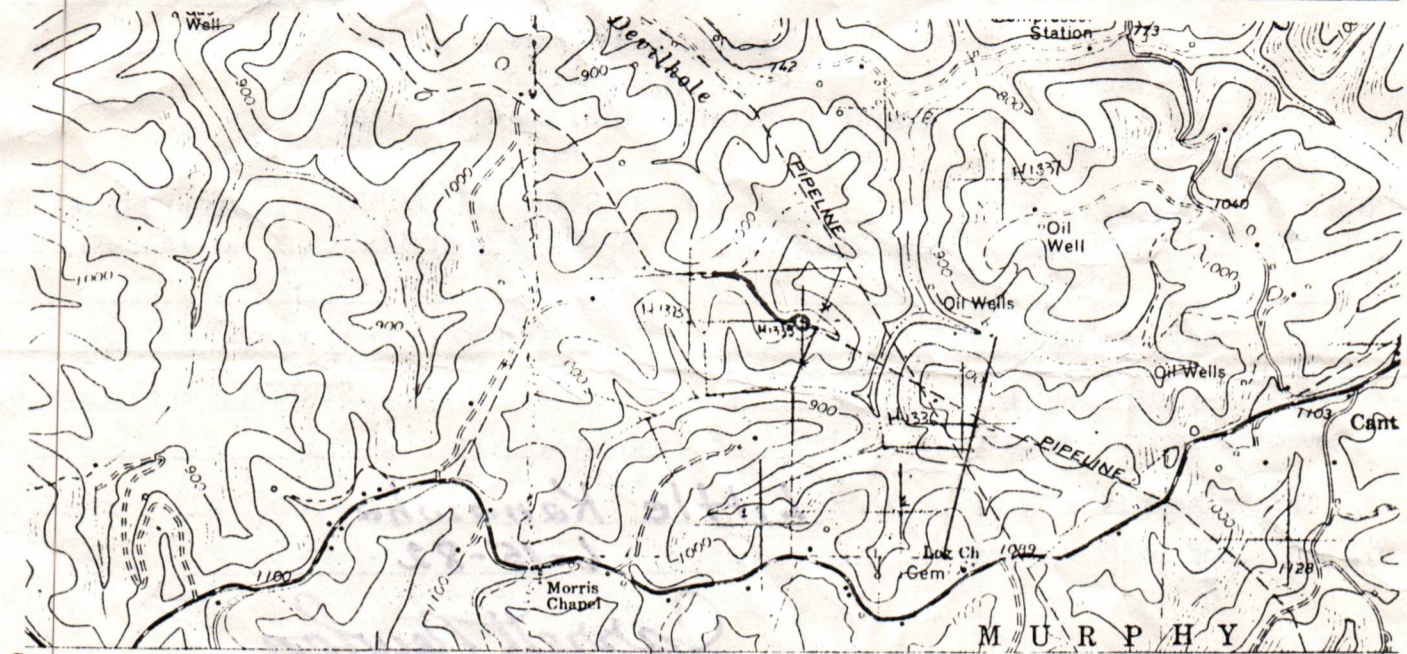
04/19/2024

By       
Its     

TELEPHONE

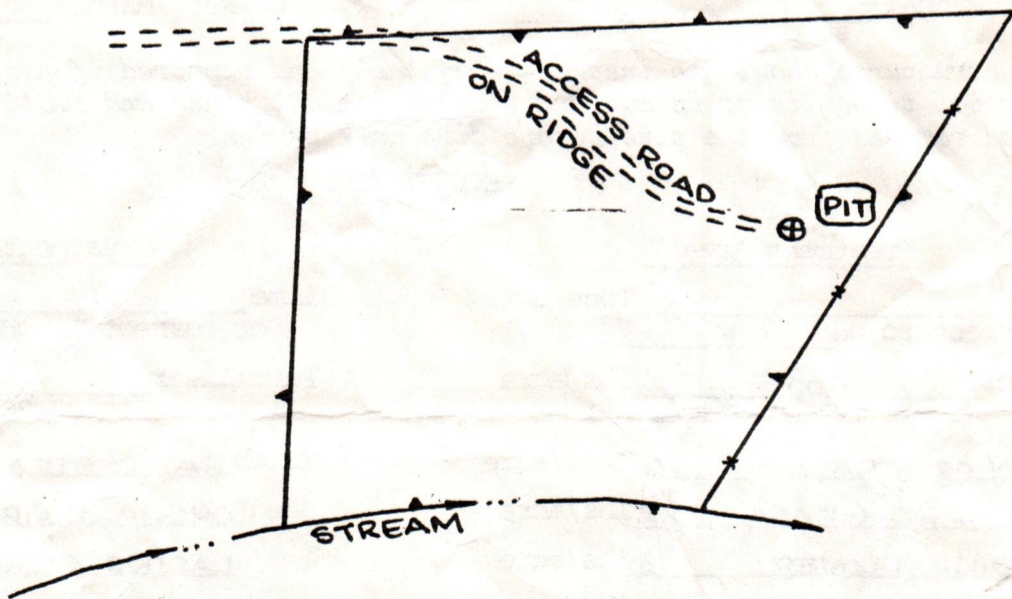
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE CAIRO

**LEGEND**  
WELL SITE ⊕ ACCESS ROAD —



**LEGEND**

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



- Comments:
1. LENGTH OF ACCESS ROAD 1200' 04/19/2024
  2. ACCESS ROAD RUNS ALONG NORTH SIDE OF PIPELINE R-O-W
  3. LOCATION LOCATED ON FLAT RIDGE.
  4. BRUSH AND TREES TO BE PILED AT SITE.
  5. ACCESS ROAD NEARLY LEVEL.
  6. NO CUT OR FILL NEEDED.



IV-9  
(Rev 8-81)

DATE 9 JUNE, 1982

WELL NO. H-1335

State of West Virginia API NO. 47 - 085 - 5731

Department of Mines  
Oil and Gas Division  
Construction & Reclamation Plan

COMPANY NAME HAUGHT, INC.

ADDRESS SMITHVILLE, W.VA. 26178

DESIGNATED AGENT WARREN HAUGHT

ADDRESS SMITHVILLE, W.VA. 26178

Telephone (304) 477-3333

Telephone (304) 477-3333

LANDOWNER BRUSIE LANHAM

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: 6-15-82

(Date)

Jarrett Newton  
(SCD Agent)

ACCESS ROAD	LOCATION
Structure _____ (A)	Structure _____ (1)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____
Structure _____ (B)	Structure _____ (2)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____
Structure _____ (C)	Structure _____
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

*see comments*

*see comments*

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JUN 25 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

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

Lime \_\_\_\_\_ Tons/acre  
or correct to pH 6.5

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

Mulch HAY OR STRAW 2 Tons/acre

Seed\* ORCHARD GRASS 12 lbs/acre  
LADINO CLOVER 3 lbs/acre  
TIMOTHY 6 lbs/acre  
BIRDSEED TREFOIL 10 lbs/acre

Treatment Area II

Lime \_\_\_\_\_ Tons/acre  
or correct to pH 6.5

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

Mulch HAY OR STRAW 2 Tons/acre

Seed\* ORCHARD GRASS 12 lbs/acre  
LADINO CLOVER 3 lbs/acre  
TIMOTHY 6 lbs/acre  
BIRDSEED TREFOIL 10 lbs/acre

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

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

ADDRESS 106 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.



DATE: 6-25, 1982  
OPERATOR'S  
WELL NO.: H-1335

API NO: 47 - 85 -  
State County Permit No

State of West Virginia

OFFICE OF OIL AND GAS  
DEPARTMENT OF MINES

Haught Inc.

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JUN 28 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

A F F I D A V I T

State of West Virginia  
County of Pitche

I, Norman R. Haught (the designated owner or operator, or authorized representative thereof), after being duly sworn, do depose and say that the undersigned is authorized by the owner of the working interest in the well permit application to which this affidavit is attached do state that (he, she, or it) shall tender to the owner of the oil and gas in place not less than one-eighth of the total amount paid to or received by or allowed to the owner of the working interest at the wellhead for the oil or gas so extracted, produced, or marketed before deducting the amount to be paid or set aside for the owner of the oil or gas in place, or all such oil or gas to be extracted, produced, or marketed from the well. West Virginia Code 22-4-11(e) (1982).

Signed: Norman R. Haught, President

Taken, Subscribed, and sworn to before me this 25th day of June, 1982.

Notary: John R. Bumgardner

My Commission Expires: 9-7-1988

085-5731

[08-78]

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

Fraced By B.J. Hughes--Nitrogen  
22 Holes from 3090-3501

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 Stone	Yellow	Hard	0	85	
R.R.	Red	Soft	85	100	
Shale	Gray	Soft	100	104	
R.R.	Red	Soft	104	112	
Sand	White	Hard	112	126	
Shale	Gray	Soft	126	136	
R.R.	Red	Soft	136	139	
Shale	Gray	Soft	139	230	
Sand	White	Hard	230	255	
Shale	Gray	Soft	255	310	
R.R.	Red	Soft	310	326	
Shale	Gray	Soft	326	350	
R.R.	Red	Soft	350	375	
Shale	Gray	Soft	375	467	
R.R.	Red	Soft	467	531	
Shale	Gray	Soft	531	596	
R.R.	Red	Soft	596	610	
Shale	Gray	Soft	610	634	
Sand	White	Hard	634	647	
Shale	Gray	Soft	647	730	
Sand	White	Hard	730	785	
Shale	Gray	Soft	785	962	
Sand	White	Hard	962	1005	
Shale	Gray	Soft	1005	1117	
sand	White	Hard	1117	1160	
Shale	Gray	Soft	1160	1275	
Sand	White	Hard	1275	1298	
Shale	Gray	Soft	1298	1410	
Sand	White	Hard	1410	1432	
Shale	Gray	Soft	1432	1657	
Sand	White	Hard	1657	1666	
Shale	Gray	Soft	1666	1746	
Sand	White	Hard	1746	1793	
Shale	Gray	Soft	1793	1862	
Sand	White	Hard	1862	1869	
Line	White	Hard	1869	1908	
Big Lime	White	Hard	1908	2137	

(Attach separate sheets to complete as necessary)

Haught, Inc.  
Well Operator

By Warren R. Haught  
Its 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 Harry Moats  
Well No. H-1335

[08-78]

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

API Well No. 47 - 085 - 5731  
State County Permit

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

LOCATION: Elevation: 1022' Watershed: Devilhole Creek  
District: Grant County: Ritchie Quadrangle: Cairo, WV 7 1/2'

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 June 25, 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 4021-4300 feet  
Depth of completed well, 4300 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 5, 1982, and completed July 10, 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		1201'	1201'	
Coal								Sizes
Intermediate								
Production	4 1/2	J-55	10.5#	x			3856'	260 sacks
Tubing								Depths set
Liners								Perforations:
								3090 - 3501

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OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth 4021-4300 feet  
Gas: Initial open flow, \_\_\_ Mcf/d Oil: Initial open flow, \_\_\_ Bbl/d  
Final open flow, 200,000 Mcf/d Final open flow, \_\_\_ Bbl/d  
Time of open flow between initial and final tests, 8 hours  
Static rock pressure, 75 psig (surface measurement) after 12 hours **04/19/2024**  
[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

KIT-5731

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET
Shale	Gray	Soft	2137	2758
Shale	Gray	Soft	2758	3207
Sand	White	Hard	3207	3224
Shale	Gray	Soft	3224	3891
Sand	White	Hard	3891	3899
Shale	Gray	Soft	3899	4012
Sand	White	Hard	4012	4021
Shale	Gray	Soft	4021	4300

04/19/2024

RIT. - 5731



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

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WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-5731

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

Company <u>Haight's Inc.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Harry Moats</u>	16			Kind of Packer _____
Well No. <u>1335</u>	13			
District <u>Abant</u> County <u>Rit</u>	10			Size of _____
Drilling commenced <u>7-5-82</u>	8 1/4			Depth set _____
Drilling completed _____ Total depth _____	6 3/8			
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 <u>8 5/8</u> SIZE <u>1200</u> No. FT. <u>7-6-82</u> Date			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>Haight's</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Haight's

Remarks:  
8 5/8 not cemented to surface.

7-7-82

DATE

D. J. Moore 04/19/2024

DISTRICT WELL INSPECTOR





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FEB 22 1984

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

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

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT

COMPANY Haught, Inc. PERMIT NO 085-5731  
4424 Emerson Avenue FARM & WELL NO Moats # H-1335  
Parkersburg, W.Va. 26104 DIST. & COUNTY Grant/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:

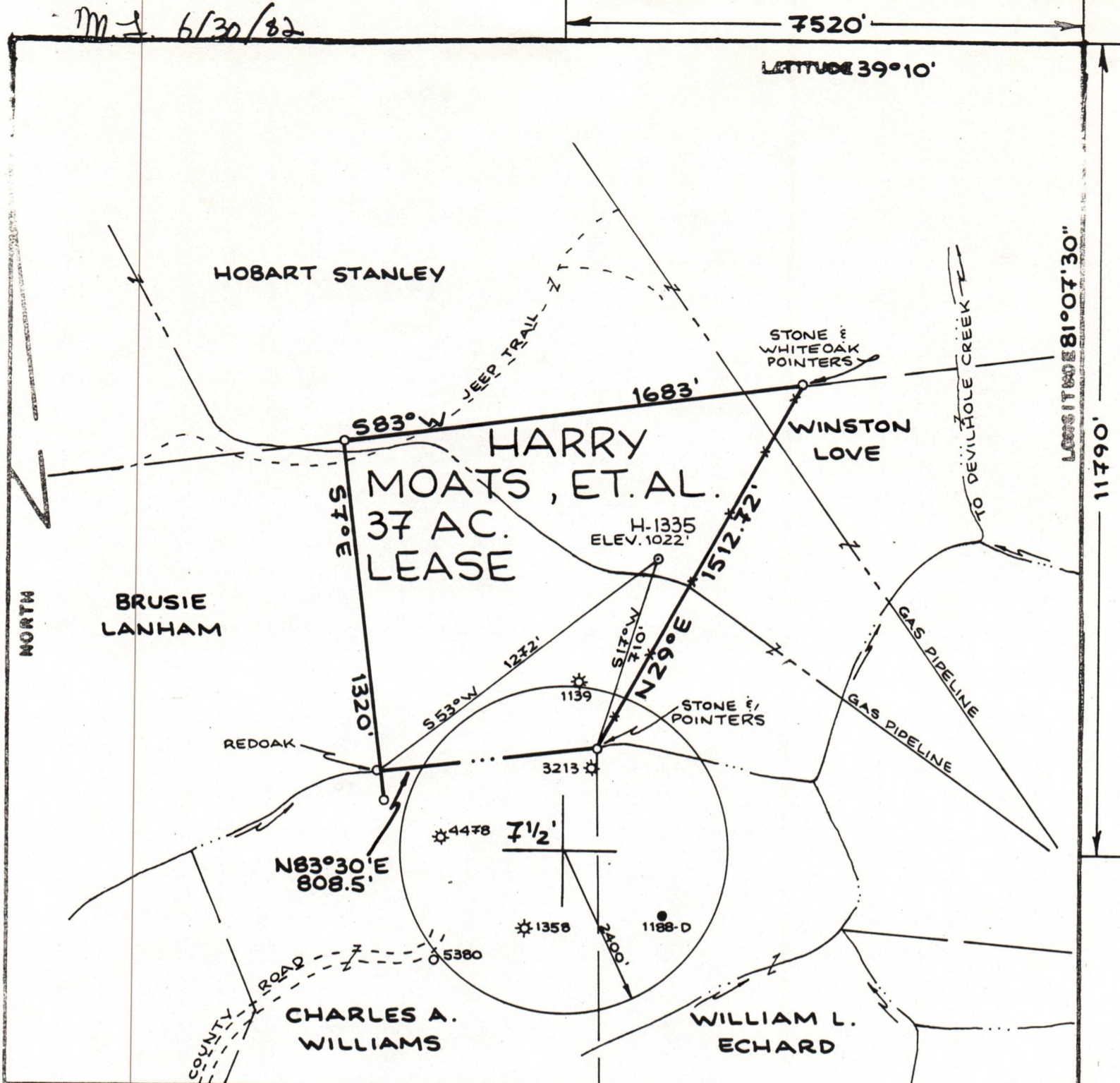
SIGNED Samuel N. Heroman  
DATE 8/10/83

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. ...  
Administrator-Oil & Gas Division

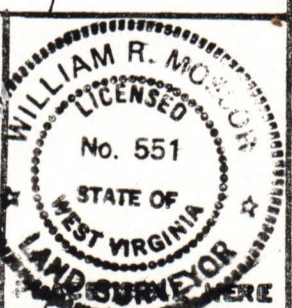
February 27, 1984  
DATE

04/19/2024



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1"=500'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION RD. INT. ELEV. 1089'

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. McElroy*  
 R.P.E. \_\_\_\_\_ L.L.S. 551



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
 FORM IV-6  
 (3-78)

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

DATE 9 JUNE 19 82  
 OPERATOR'S WELL NO H-1335  
 API WELL NO. 47 - 085 - 5731  
 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 1022' WATER SHED DEVILHOLE CREEK  
 DISTRICT GRANT \_\_\_\_\_ COUNTY RITCHIE  
 QUADRANGLE CAIRO 7 1/2' QUAD.

SURFACE OWNER BRUSIE LANHAM ACREAGE 37  
 OIL & GAS ROYALTY OWNER HARRY MOATS, ET. AL. LEASE ACREAGE 37  
 LEASE NO. \_\_\_\_\_

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 REPLUS \_\_\_\_\_  
 TARGET FORMATION DEVONIAN 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