



Date: July 27, 19 82

FORM IV-2 (Reverse) (12-81)

Operator's Well No. H-1347

API Well No. 47 - 085 5792 State County Permit

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

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

LOCATION: Elevation: 1136' Watershed: Elm Run District: Grant County: Ritchie Quadrangle: Harrisville, WV 7 1/2'

WELL OPERATOR Haught, Inc. DESIGNATED AGENT Tammy K. Bell Address Rt. 3, Box 14 Smithville, WV 26178 Address 4424 Emerson Ave. Parkersburg, WV 26104

OIL & GAS ROYALTY OWNER Donald Harold Lowther Address Box 51 New Manchester, WV 26056

COAL OPERATOR None Address

ACREAGE 92 SURFACE OWNER Donald Harold Lowther Address (Same as above) Acreage 92

COAL OWNER(S) WITH DECLARATION ON RECORD: Name Address Name Address

FIELD SALE (IF MADE) TO: Address

COAL LESSEE WITH DECLARATION ON RECORD: Name None Address

OIL & GAS INSPECTOR TO BE NOTIFIED Name Address Samuel N. Hersman P.O. Box 66 Smithville, W.Va. 26178 477-3597

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease other contract X / dated May 18, 19 82, to the undersigned well operator from Ritchie Petroleum Corporation

(IF said deed, lease, or other contract has been recorded:) Recorded on May 20, 19 82, in the office of the Clerk of the County Commission of Ritchie County, West Va., in Lease Book 141 at page 589. 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.

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

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JUL 29 1982

OIL & GAS DIVISION Its DEPT. OF MINES

BLANKET BOND

Haught, Inc. Well Operator By Tammy K. Bell Well Administrative Agent

04/12/2024

(12-81)

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, Devonian Shale

Estimated depth of completed well, 5600' feet Rotary XX / Cable tools _____ /

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

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

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			New	Used	FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft			For drilling	Left in well		
Conductor									Kinds
Fresh Water	8-5/8	K-55	20#	X		1336'	1336'	Cement to Surface	
Coal									Sizes
Intermediate									
Production	4 1/2	J-55	10.5#	X			5600'	500 Sacks	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 4-3-83
BY Fred B. Burchett

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.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location, **04/12/2024** 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.

Date: _____, 19 _____

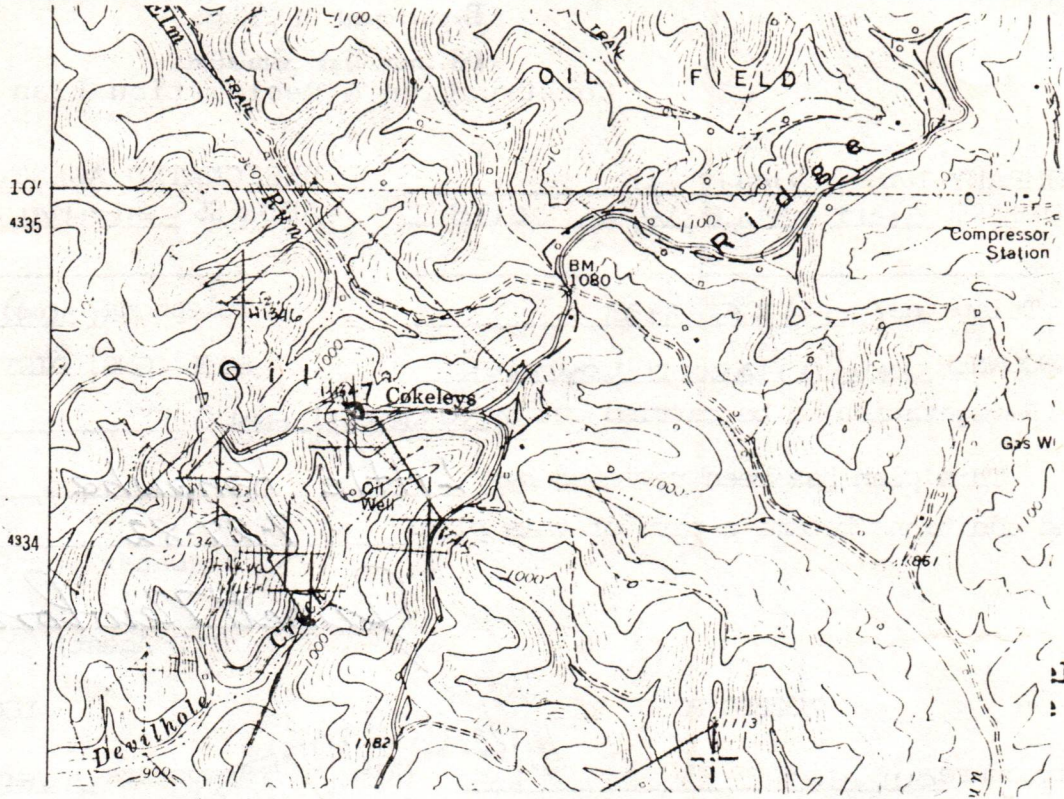
By _____

Its _____

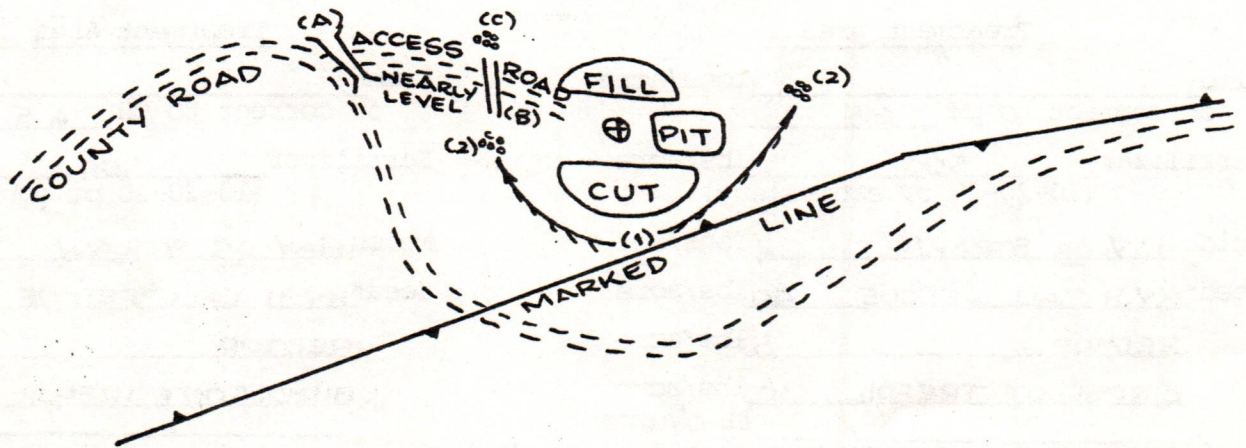
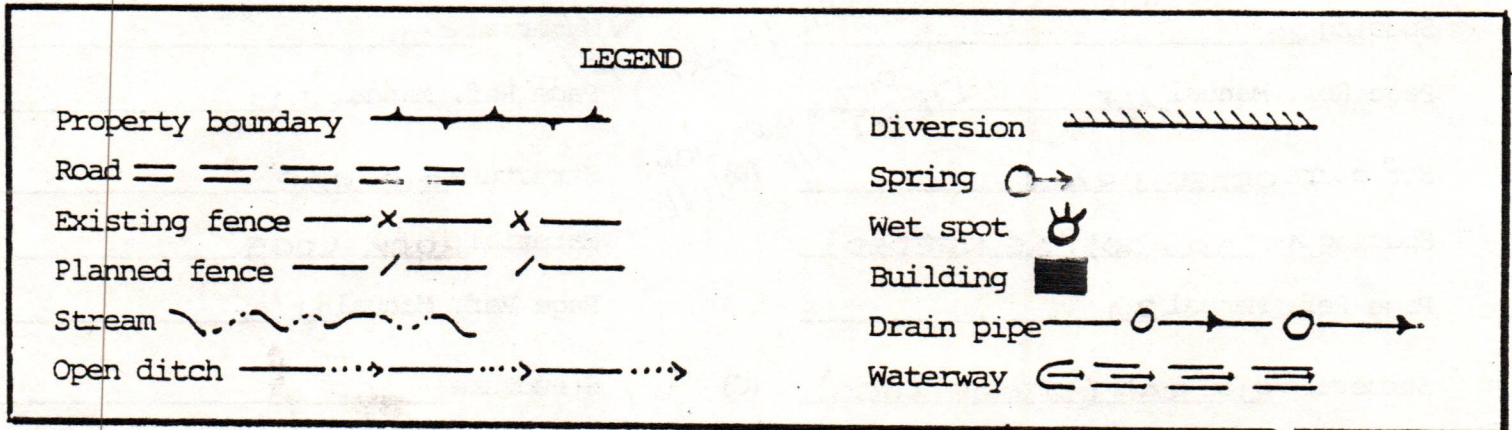
MARKET BOND

ATTACH OR PHOTOCOPY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE HARRISVILLE

LEGEND
WELL SITE ⊕ ACCESS ROAD —



S
d
P



- Comments:
1. LENGTH OF ACCESS ROAD 200'
 2. BRUSH AND TREES TO BE PILED AT SITE.
 3. _____
 4. _____
 5. _____

04/12/2024



IV-9
(Rev 8-81)

DATE 23 JULY, 1982

WELL NO. H-1347

API NO. 47 - 085 - 5792

State of West Virginia

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 DONALD HAROLD LOWTHER

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: 7-27-82

(Date)

Garrett Newton
(SCD Agent)

ACCESS ROAD

LOCATION

Structure CULVERT (A)

Structure DIVERSION DITCH (1)

Spacing 20"

Material SOIL

Page Ref. Manual 2:7

Page Ref. Manual 2:12

Structure CROSS DRAIN (B)

Structure RIP-RAP (2)

Spacing 45' TO 400' (AS NEEDED)

Material ROCK-LOGS

Page Ref. Manual 2:1

Page Ref. Manual N/A

Structure RIP-RAP (STONE-LOGS) (C)

Structure _____ (3)

Spacing SAME AS CROSS DRAIN

Material _____

Page Ref. Manual N/A

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* KY31 TALL FESCUE 40 lbs/acre

Seed* KY31 TALL FESCUE 40 lbs/acre

REDTOP 5 lbs/acre

REDTOP 5 lbs/acre

BIRDSEED TREFOIL 10 lbs/acre

BIRDSEED TREFOIL 10 lbs/acre

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

04/12/2024

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: July 27, 19 82
OPERATOR'S
WELL NO.: H-1347

API NO: 47 - 085 - 5792
State County Permit No

State of West Virginia

OFFICE OF OIL AND GAS
DEPARTMENT OF MINES

A F F I D A V I T

State of West Virginia

County of Ritchie

I, Tammy K. Bell (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: Tammy K. Bell

Taken, Subscribed, and sworn to before me this 27 day of July, 1982

Notary: Gary B. Nelson

My Commission Expires: April 6, 1992

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JUL 29 1982
OIL & GAS DIVISION
DEPT. OF MINES

[08-78]

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

Fraced By Halliburton--Nitrogen 500 Gal. of 15% Acid.
27 Holes from 3734 - 3760

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Clay	Yellow	Soft		5	
Shale	Gray	Soft	5	45	
R.R.	Red	Soft	45	53	
Shale	Gray	Soft	53	64	
R.R.	Red	Soft	64	68	
Shale	Gray	Hard	68	100	
R.R.	Red	Soft	100	175	
Sand	White	Hard	175	223	
R.R.	Red	Soft	223	315	
Sand	White	Hard	315	393	
R.R.	Red	Soft	393	411	
Shale	Gray	Soft	411	416	
Sand	White	Hard	496	507	
R.R.	Red	Soft	507	529	
Shale	Gray	Soft	529	563	
Sand	White	Hard	563	577	
Shale	Gray	Soft	577	583	
Sand	White	Hard	583	618	
Shale	Gray	Soft	618	701	
R.R.	Red	Soft	701	724	
Shale	Gray	Soft	724	776	
R.R.	Red	Soft	776	815	
Shale	Gray	Soft	815	975	
R.R.	Red	Soft	975	1002	
Shale	Gray	Soft	1002	1160	
R.R.	Red	Soft	1160	1167	
Shale	Gray	Soft	1167	1209	
Sand & Shale	Gray	Soft	1209	1299	
Sand	White	Hard	1299	1390	
Shale	Gray	Soft	1390	1571	
Sand	White	Hard	1571	1577	
Shale	Gray	Soft	1577	1582	
Sand	White	Hard	1582	1609	
Shale	Gray	Soft	1609	1833	
Sand	White	Hard	1833	1872	
Shale	Grey	Soft	1872	1987	
Lime	White	Hard	1987	2041	
Sand	White	Hard	2041	2217	

(Attach separate sheets to complete as necessary)

Haught, Inc.
Well Operator

By Warren R. Haught
Its 13:1571 President 04/12/2024

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 October 19, 19 82

FORM IV-35
(Obverse)

Operator's D.H. Lowther
Well No. H-1347

[08-78]

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

API Well No. 47 - 085 - 5792
State County Permit

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

LOCATION: Elevation: 1,136' Watershed: Elm Run
District: Grant County: Ritchie Quadrangle: Harrisville, WV

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

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

PERMIT ISSUED ON July 29, 19 82

OIL & GAS INSPECTOR FOR THIS WORK:

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

Name Samuel N. Hersman

Address P.O. Box 66 Smithville, WV
477-3597

GEOLOGICAL TARGET FORMATION: Devonian Shale Depth 3075 - 3164 feet

Depth of completed well, 4,057' feet Rotary / Cable Tools

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

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

Work was commenced Aug. 28, 19 82, and completed Sept. 5, 19 82

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		1,200'	1,200'	
Coal								Sizes
Intermediate								
Production	4 1/2	J-55	10.5#	x			4,400	Depths set
Tubing								
Liners								Perforations:
								Top Bottom
								3734 - 3760

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth 3074 - 3164 feet

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

Final open flow, 375,000 Mcf/d Final open flow, _____ Bbl/d

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

Static rock pressure, 350 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

04/12/2024

KIT - 3/17

Shale	Gray	Soft	2217	2305
Sand	White	Hard	2305	2321
Shale	Gray	Soft	2321	2432
Shale	Gray	Soft	2432	2553
Sand & Shale	Gray	Soft	2553	2645
Shale	Gray	Soft	2645	2770
Shale & Sand	White	Soft	2770	2894
Shale	Gray	Hard	2894	2985
Sand	White	Hard	2985	3075
Shale	Gray	Hard	3075	3164
Shale	Gray	Hard	3164	3414
Sand	White	Hard	3414	3439
Shale	Gray	Soft	3439	3656
Sand	White	Hard	3656	3661
Shale	Gray	Soft	3661	3772
Sand	White	Hard	3772	3789
Shale	Gray	Soft	3789	4057

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MAY 4 - 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

R/T. - 5792

04/12/2024

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

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OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 085 5792

Oil or Gas Well _____
(KIND)

Company <u>Haught</u>	Address	Farm <u>Louther</u>	Well No.	District <u>Grant</u> County <u>Ritchie</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
					Size			Kind of Packer
					16			
					13			
					10			Size of
					8 1/4			
					6 1/2			Depth set
					5 3/16			
					3			Perf. top
					2			Perf. bottom
					Liners Used			Perf. top
								Perf. bottom

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 CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: NOT Reclaimed Talked with Relatives Landowner is
Concerned that Site Has been Reclaimed.
Wrote Violation not in file
12/13/83 foye

8983
DATE

Jerry M. Tapscott
04/12/2024
DISTRICT WELL INSPECTOR

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

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AUG 19 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-5792

Oil or Gas Well _____
(KIND)

Company Haight Inc.
 Address _____
 Farm Donald Harold Lowther
 Well No. 1347
 District Grant County Pit
 Drilling commenced 8-17-82
 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 _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names Meryl Eckert - Ronald Edmond - Jim Malet - Jim Bunner
 Contractor Haight Inc. Rig #19 total Pusher
 Remarks: alpha ankron
Move in - Rig up trying to set conductor

8-17-82
DATE

Samuel N. Hersman 04/12/2024
DISTRICT WELL INSPECTOR

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

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-5792

Oil or Gas Well _____
(KIND)

Company Haight Inc.

Address _____

Farm Donald Harold Lowther

Well No. 1347

District Grant County Pit

Drilling commenced 8-17-82

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 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names Meryl Eckert - Ronald Edmond - Jim Molet - Jim Dunner

Contractor Haight Inc Rig 19

Remarks: Ran 1159' of 8 5/8 casing / used 296 sacks mixed cement cemented by Haight Inc. Cement on Balton at 12:10 P.M. C.T.S.

8-19-82
DATE

Samuel N. Hersman 04/12/2024
DISTRICT WELL INSPECTOR

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

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AUG 31 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-5792

Oil or Gas Well _____
(KIND)

Company Haight Inc.

Address _____

Farm Donald Harold Lowther

Well No. 1347

District Grant County Pit

Drilling commenced 8-17-82

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 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names Meryl C. Bart / Ronald Edmond / Jim Molet / Jim Bunner

Remarks Haight Inc Rig 19 - total pusher Alpha Ankrom

Fishing for lost collars in hole

8-27-82
DATE

Samuel N. Persman 04/12/2024
DISTRICT WELL INSPECTOR

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

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SEP - 9 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-5792

Oil or Gas Well _____
(KIND)

Company Haight Inc.
 Address _____
 Farm Donald Harold Louther
 Well No. 1347
 District Grant County Rit
 Drilling commenced 8-17-82
 Drilling completed 9-6-82 Total depth 3871
 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
 Salt water _____ feet

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

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: Finish well - T.D.
Ran 4 1/2" pipe to 3871
Moving off Location

9-7-82
DATE

Samuel M. Persman 04/12/2024
DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
FINAL INSPECTION REQUEST
INSPECTOR'S COMPLIANCE REPORT

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OCT - 4 1983

OIL & GAS DIVISION
 DEPT. OF MINES

Permit No. 0855792 County Ditcher
 Company Haugh Farm Lambert
 Inspector JERRY M. TEPHABOCK Well No. 1347
 Date 9 26 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: _____

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. Tephabock
 DATE: 9 26 83

04/12/2024



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

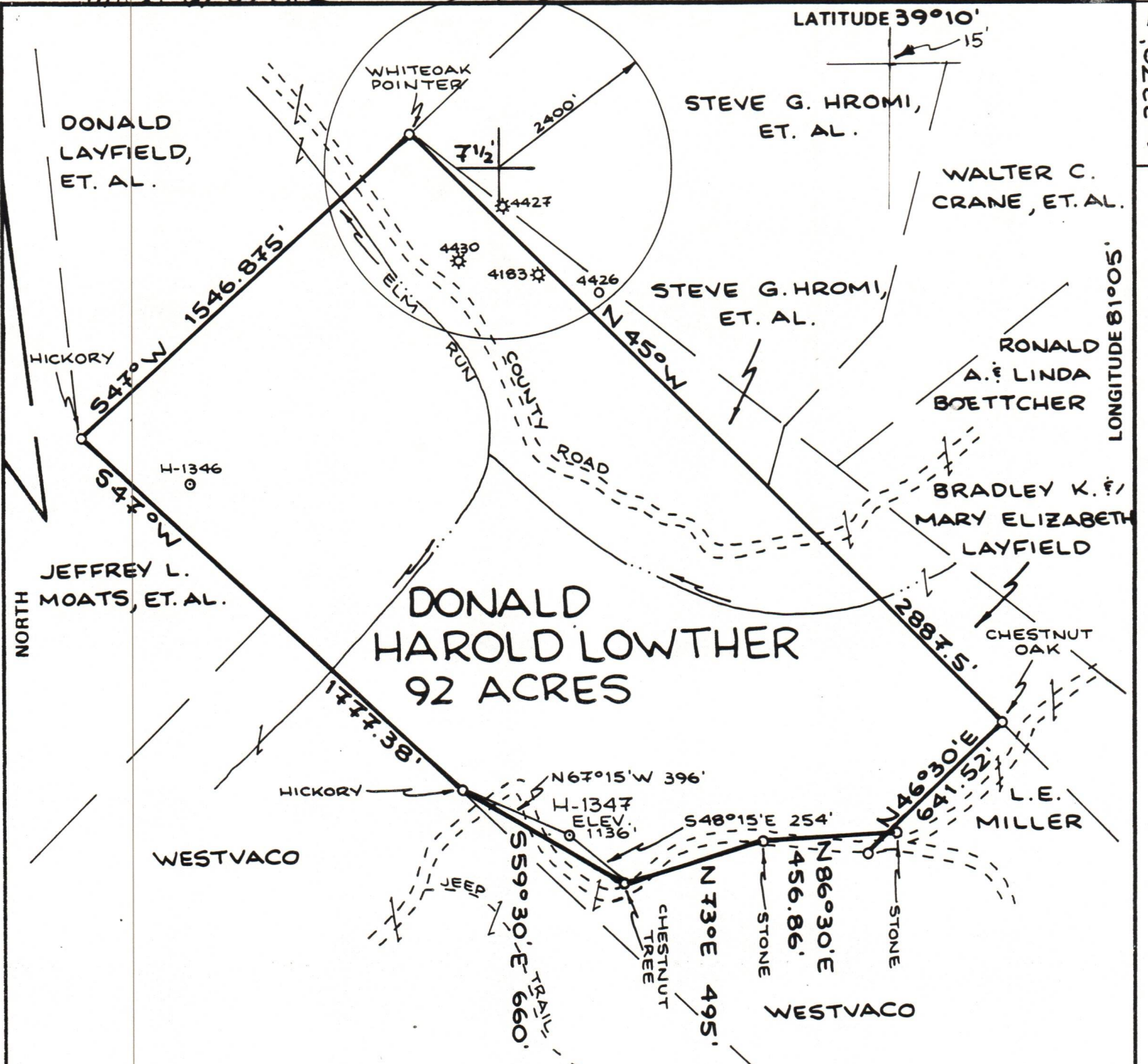
04/12/2024

M.S. 8/2/82

8725'

LATITUDE 39°10'

2270'



DONALD HAROLD LOWTHER
92 ACRES

FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION RD. INT. ELEV. _____
 1182'

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 Glass
 R.P.E. _____ L.L.S. 551

PLACE SEAL HERE

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

FORM IV-6 (8-78)



DATE 23 JULY, 19 82
 OPERATOR'S WELL NO. H-1347
 API WELL NO. _____
47 - 085 - 5792
 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 1136' WATER SHED ELM RUN
 DISTRICT GRANT COUNTY RITCHIE
 QUADRANGLE HARRISVILLE 7 1/2' QUAD.

SURFACE OWNER DONALD HAROLD LOWTHER ACREAGE 92
 OIL & GAS ROYALTY OWNER DONALD HAROLD LOWTHER LEASE ACREAGE 92
 LEASE NO. _____

04/12/2024

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 DEVONIAN SHALE ESTIMATED DEPTH 5600'
 WELL OPERATOR HAUGHT, INC. DESIGNATED AGENT WARREN HAUGHT
 ADDRESS SMITHVILLE, W.VA. 26178 ADDRESS SMITHVILLE, W.VA. 26178