

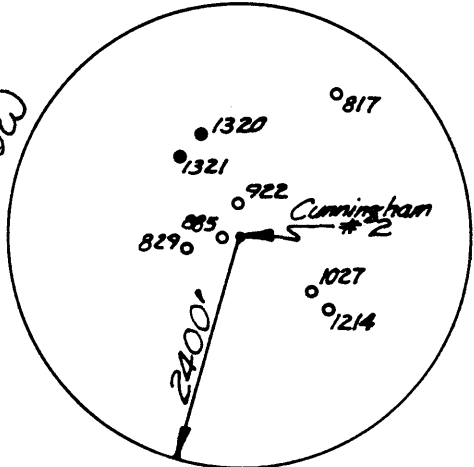
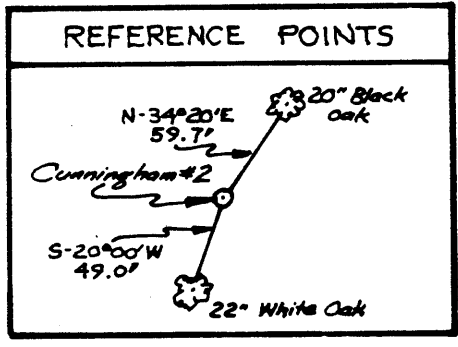
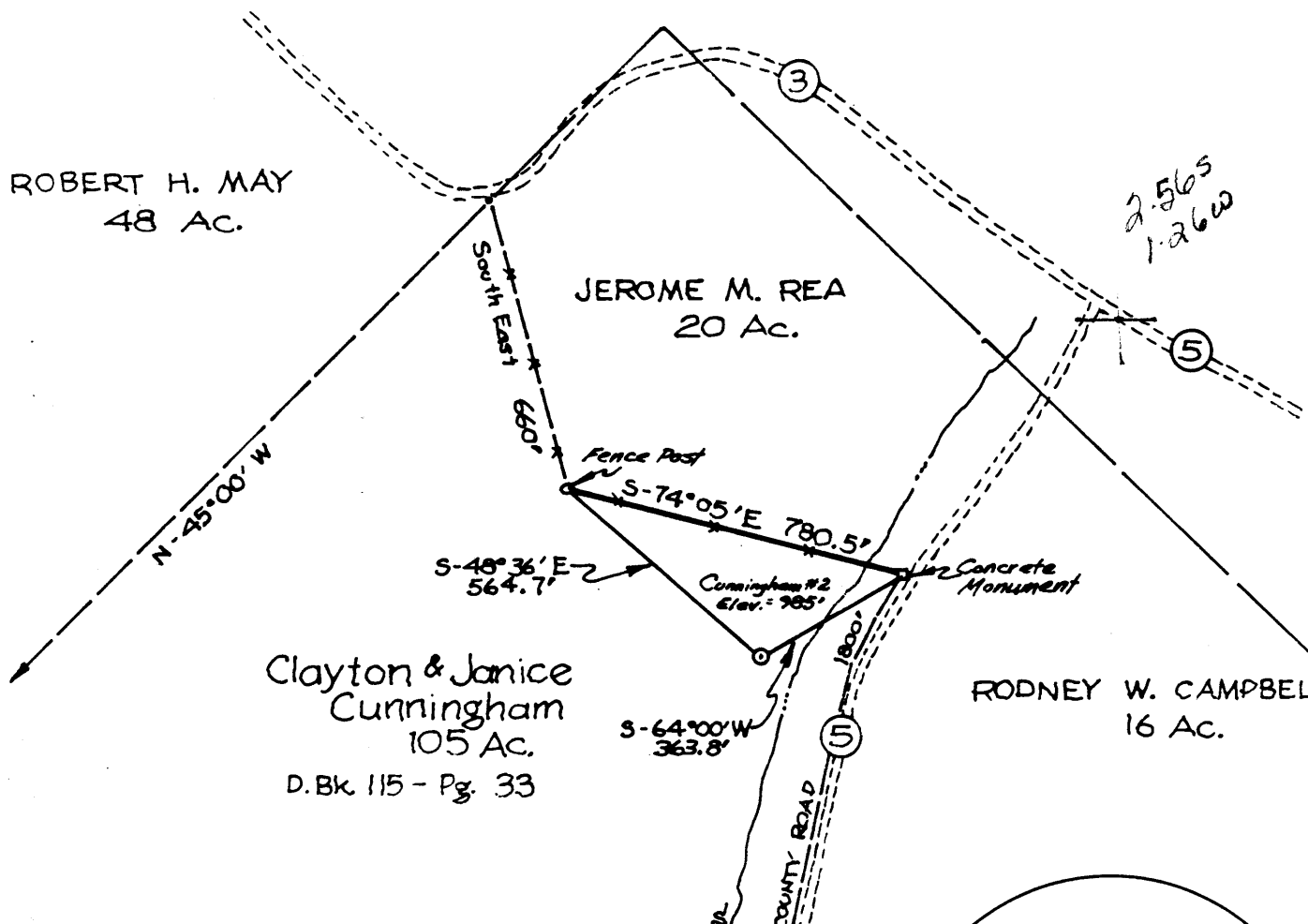
ROBERT H. MAY
48 Ac.

JEROME M. REA
20 Ac.

Clayton & Janice
Cunningham
105 Ac.
D.Bk 115 - Pg. 33

RODNEY W. CAMPBELL
16 Ac.

NORTH



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

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 400'
MINIMUM DEGREE OF ACCURACY 1:200
PROVEN SOURCE OF ELEVATION 947'
ROAD INTERSECTION

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) Paul K. Marshall
R.P.E. _____ L.L.S. 580

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE June 26, 19 84
OPERATOR'S WELL NO. Cunningham #2
API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
LOCATION: ELEVATION 985' WATER SHED MCKIM CREEK
DISTRICT LAFAYETTE COUNTY PLEASANTS
QUADRANGLE 241 BENS RUN (7.5') St. Marys 15' E.C.
SURFACE OWNER CLAYTON CUNNINGHAM ACREAGE 105
OIL & GAS ROYALTY OWNER CLAYTON CUNNINGHAM LEASE ACREAGE 105
LEASE NO. _____

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 SQUAW ESTIMATED DEPTH 2200'
WELL OPERATOR HAUGHT INC. DESIGNATED AGENT WARREN R. HAUGHT
ADDRESS 4424 EMERSON AVE. ADDRESS RT. #3 Box 14
PARKERSBURG, W. VA. 26104 SMITHVILLE WVA 26178

JUL 9 1984

FORM IV-6 (8-78)

COUNTY NAME PERMIT



IV-35
(Rev 8-81)

JAN 23 1986

State of West Virginia
Department of Mines
Oil and Gas Division

Date 01-20-86
Operator's
Well No. Cunningham #2
Farm Clayton Cunningham
API No. 47 - 073 - 1858

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

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

LOCATION: Elevation: 985 Watershed McKim Creek
District: Lafayette County Pleasants Quadrangle Bens Run 7.5 min

COMPANY Haught, Inc.
ADDRESS 4424 Emerson Ave., Parkersburg, W 26101
DESIGNATED AGENT Warren R. Haught
ADDRESS Rt.3, Box 14, Smithville, W 26178
SURFACE OWNER Clayton Cunningham
ADDRESS Rt. 1, Hebron, W
MINERAL RIGHTS OWNER Same
ADDRESS
OIL AND GAS INSPECTOR FOR THIS WORK Robert
Lowther ADDRESS Gen. Del., Middlebourne, W
PERMIT ISSUED July 3, 1984
DRILLING COMMENCED July 12, 1984
DRILLING COMPLETED July 14, 1984
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cord.			
13-10"			
9 5/8			
8 5/8	897	897	152 sks.
7			
5 1/2			
4 1/2			
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Squaw Depth 2200 feet
Depth of completed well 1100 feet Rotary X / Cable Tools
Water strata depth: Fresh 85 feet; Salt None feet
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Cow Run Pay zone depth 1090 feet
Gas: Initial open flow N/A Mcf/d Oil: Initial open flow 1 Bbl/d
Final open flow N/A Mcf/d Final open flow ① Bbl/d
Time of open flow between initial and final tests 24 hours
Static rock pressure 20 psig (surface measurement) after 24 hours shut in
(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 Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

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

No physical change

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	14	Water 85'
Sand, gray, med.	14	35	
Slate, gray, soft	35	51	
R.R., red, soft	51	65	
Slate, gray, med.	65	75	
R.R., red, soft	75	93	
Slate, gray, soft	93	140	
R.R., red, soft	140	158	
Sand, gray, med.	158	186	
R.R., red, soft	186	198	
Slate, gray, med.	198	207	Water 420'
Slate, R.R., gray, red, soft	207	250	
R.R., red, soft	250	255	
Slate, gray, soft	255	265	
Sand, gray, hard	265	267	
Slate, gray, soft	267	284	
Sand, gray, med.	284	300	
R.R., red, soft	300	307	
Sand, gray, hard	307	330	
Slate, gray, soft	330	365	
Sand, gray, med.	365	400	
Slate, gray, soft	400	413	
Sand, gray, med.	413	429	
Slate, gray, soft	429	446	
Sand, gray, hard	446	470	
R.R., red, soft	470	475	
Sand, gray, hard	475	491	
Slate, gray, med	491	509	
Sand, gray, med	509	520	
R.R., red, soft	520	525	
Sand, gray, hard	525	530	
Slate, gray, med.	530	564	
Sand, gray, hard	564	581	
Slate, gray, soft	581	605	
Sand, gray, med.	605	618	
Slate, gray, soft	618	631	
Sand, gray, med.	631	644	
Lime, black, hard	644	665	
R.R., red, soft	665	672	

(Attach separate sheets as necessary)

Dominic Petroleum, Inc.
Well Operator

By: *[Signature]*

Date: 1-20-86

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."

WELL LOG

pg. 2, 0731858

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
Sand, gray, med.	672	703	
Slate, gray, med.	703	721	
Sand, gray, med.	721	780	
Slate, gray, soft	780	840	
Sand, gray, med.	840	863	
Slate, gray, soft	863	891	
Lime, gray, hard	891	910	
Slate, gray, soft	910	932	
Sand, gray, med.	932	951	
Slate, gray, soft	951	975	
Sand, brown, med.	975	989	
Slate, gray, soft	989	1027	
Cow Run Sands	1027	1035	
Slate, gray, soft	1035	1100	Oil 1090'



1) Date: July 2, 19 84
 2) Operator's Well No. Cunningham #2
 3) API Well No. 47 - 073 - 1858
 State County Permit

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

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 985 Watershed: McKim Creek
 District: Lafayette County: Pleasants Quadrangle: Bens Run 7.5 min.
- 6) WELL OPERATOR Haight, Inc. W.R. Haight-7) DESIGNATED AGENT ~~XXXXXXXXXXXXXXXXXXXX~~
 Address 4424 ~~Emerson Ave.~~ Rt. #3 Box 14 Address ~~XXXXXXXXXXXX~~
Parkersburg, WV 26104 Smithville WV 26178 ~~Parkersburg, WV XXXXXXXX~~
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name ~~XXXXXXXXXXXXXXXXXXXX~~ Kenneth Mason Robert Lowther Name Haight, Inc.
 Address ~~XXXXXXXXXXXXXXXXXXXX~~ General Del Address 4424 Emerson Avenue
~~XXXXXXXXXXXXXXXXXXXX~~ Middlebourne, WV 26149 Parkersburg, WV 26101
- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Squaw
- 12) Estimated depth of completed well, 2200 feet
- 13) Approximate trata depths: Fresh, ~~lx~~ n/a feet; salt, n/a feet.
- 14) Approximate coal seam depths: n/a Is coal being mined in the area? Yes / No

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									
Fresh water	8 5/8	k-55	20#	X		1085	1085	Cent to surf	DEPT. OF MINES
Coal									
Intermediate									
Production	4 1/2	j-55	10.5#	X			2200	200 sacks	RECEIVED
Tubing								or as req'd by rittle	
Liners									

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-073-1858 Date July 3, 19 84

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

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.
 Permit expires July 3, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BLANKET</u>	Agent: <u>MH</u>	Plat: <u>m77</u>	Casing: <u>m77</u>	Fee: <u>PUB NGA 051500481</u>
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T. J. ...
 Administrator, Office of Oil and Gas