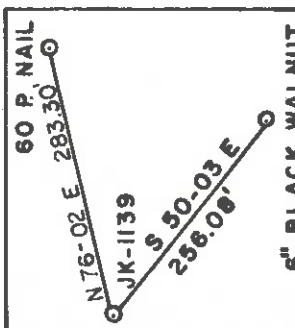
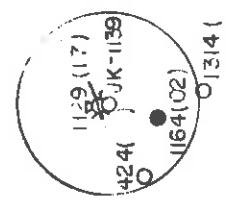


COOUNTY
N 89 W
24.75'

G.F. WILLIAMSON'S LEASE

WELL NO. JK-1139

RASEY



FILE NO. 16-48

DRAWING NO. _____

SCALE 1" = 500'

MINIMUM DEGREE OF _____

ACCURACY 1:200

PROVEN SOURCE OF _____

ELEVATION ROAD INTERSECTION 1040'

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) *Gregory A. Smith*
R.P.E. _____ L.L.S. 677



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

FORM IV-6 (8-78)



DATE NOVEMBER 19, 1984
OPERATOR'S WELL NO. JK-1139
API WELL NO. _____
47 - 017 - 3404
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 1003' WATER SHED LONG RUN

DISTRICT CENTRAL COUNTY DODDRIDGE
QUADRANGLE PENNSBORO 7.5' 5.49' West Union 15' SC8 ACREAGE 7.43
SURFACE OWNER JERRY L. NICHOLS
OIL & GAS ROYALTY OWNER W.J. WILLIAMSON et al. LEASE ACREAGE 166
LEASE NO. JJ-1671

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 ALEXANDER ESTIMATED DEPTH 5500'
WELL OPERATOR J & J ENTERPRISES DESIGNATED AGENT RICHARD REDEDECLIFF
ADDRESS P.O. BOX 48 421 ADDRESS PO. BOX 48 BUCKHANNON, WV 26201 FEB 04 1985

PLACE SEAL HERE



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
Elevation: 100.3' Watershed: Long Run
District: Central County: Doddridge
5) LOCATION: 7) DESIGNATED AGENT: Pennsboro 7.5
Address: P.O. Box 48 Richard Reddecliff
Buckhannon, WV 26201 P.O. Box 48
8) OIL & GAS INSPECTOR TO BE NOTIFIED: Mike Underwood
Name: Rt. 2 Box 114
Address: Staem, WV 26426
9) DRILLING CONTRACTOR: S.W. Jack Drilling
Name: P.O. Box 48
Address: Buckhannon, WV 26201
10) PROPOSED WELL WORK: Drill deeper Redrill Stimulate
Plug off old formation Perforate new formation
Other physical change in well (specify): Alexander

- 11) GEOLOGICAL TARGET FORMATION, 12) Estimated depth of completed well, 5500' feet
13) Approximate true depths: Fresh, 125' feet; salt, N/A feet.
14) Approximate coal seam depths: N/A Is coal being mined in the area? Yes No N/A

CASING OR TUBING TYPE	SPECIFICATIONS			FOOTAGE INTERVALS	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.			
Conductor	11 3/4	H-40	42	For drilling: 28-30 Left in well: 1850	0 Sacks	
Fresh water	8 5/8	ERW	23	1900-1900	0 Sacks	
Coal	8 5/8	ERW	23	1900-1400	0 Sacks	
Intermediate						
Production Tubing	4 1/2	J-5510.5	X	5500	300 Sacks	
Liners						

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-017-3404 Date January 29, 19 85

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 January 29, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: 82	Agent: mp	Plat: bmn	Casing: mw	Fcc: 1897
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Margaret J. Haase
Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

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

File

