

7/18/84

3,520'

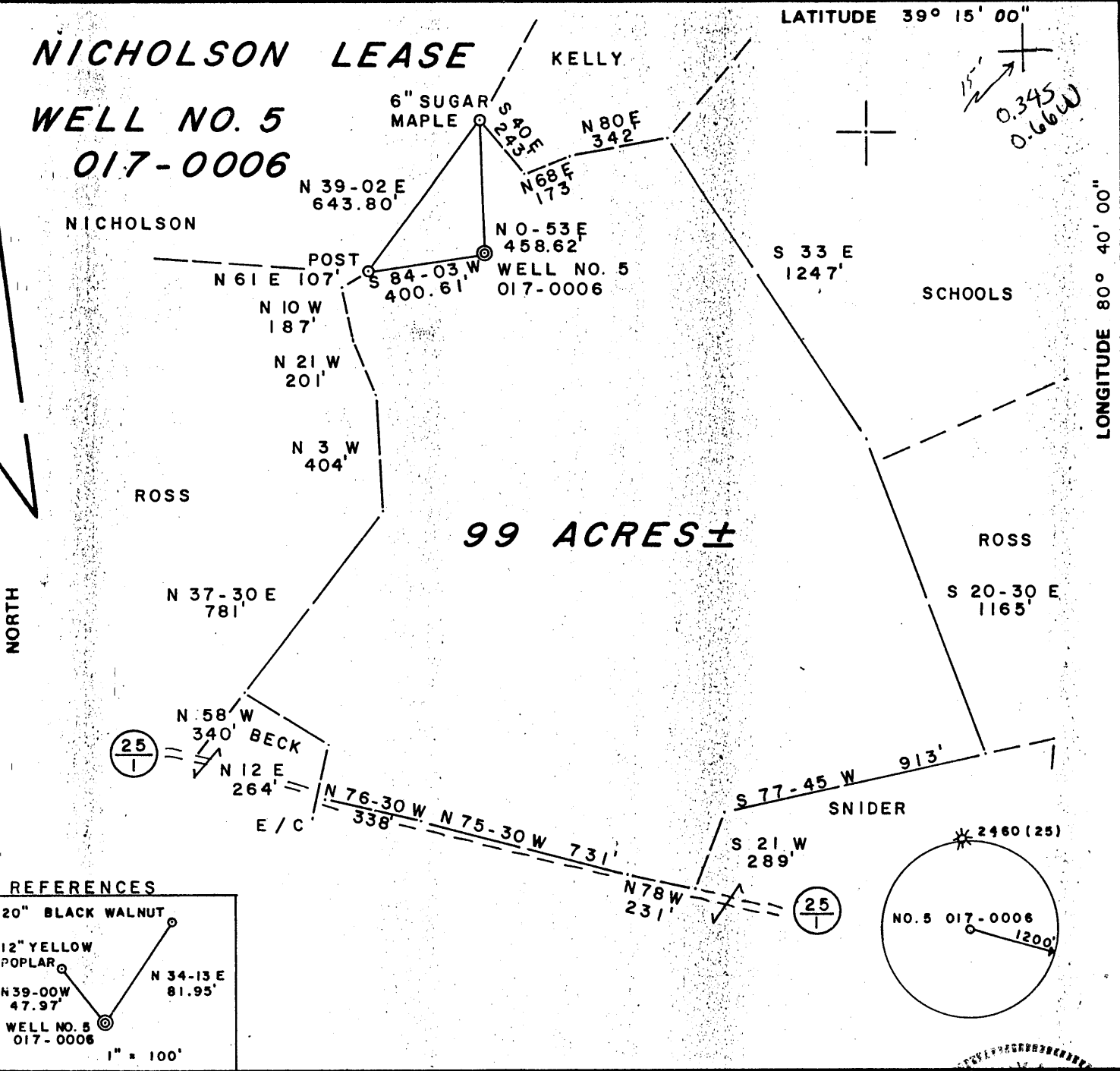
1,850'

LATITUDE 39° 15' 00"

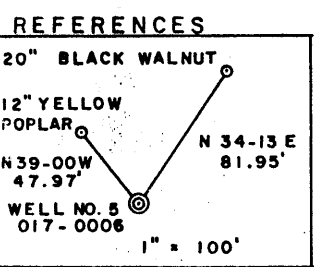
LONGITUDE 80° 40' 00"

# NICHOLSON LEASE

## WELL NO. 5 017-0006

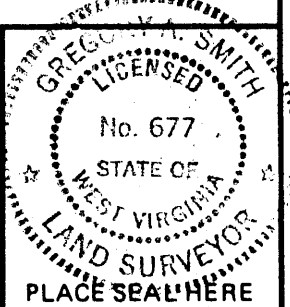


### 99 ACRES ±



FILE NO. 13-60  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION BM ELEV. 844'

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 JULY 10, 19 84  
 OPERATOR'S WELL NO. 5 017-0006  
 API WELL NO. \_\_\_\_\_  
47-017-0006-DD-P  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

*Presume DD case upon plugging*

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1211' WATER SHED WOLF PEN RUN  
 DISTRICT NEW MILTON COUNTY DODDRIDGE  
 QUADRANGLE NEW MILTON 7.5' Vadis NW  
 SURFACE OWNER CONNIE WEEKLY, et. al. ACREAGE 99  
 OIL & GAS ROYALTY OWNER CONNIE WEEKLY, et. al. LEASE ACREAGE 99  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER X REDRILL \_\_\_ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION ELK ESTIMATED DEPTH 5900'  
 WELL OPERATOR UNITED OPERATING CO. DESIGNATED AGENT LYLE COFFMAN  
 ADDRESS SUITE 930 COMMERCE SQUARE ADDRESS 527 NORRIS RD.  
CHARLESTON, WV 25301 GLENVILLE, WV 26351

6-6 New Milton North (144)

Dodd. 0006-1-DD

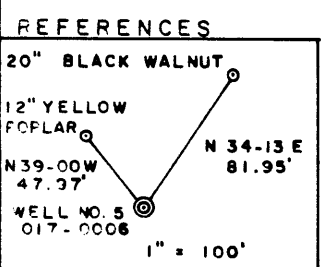
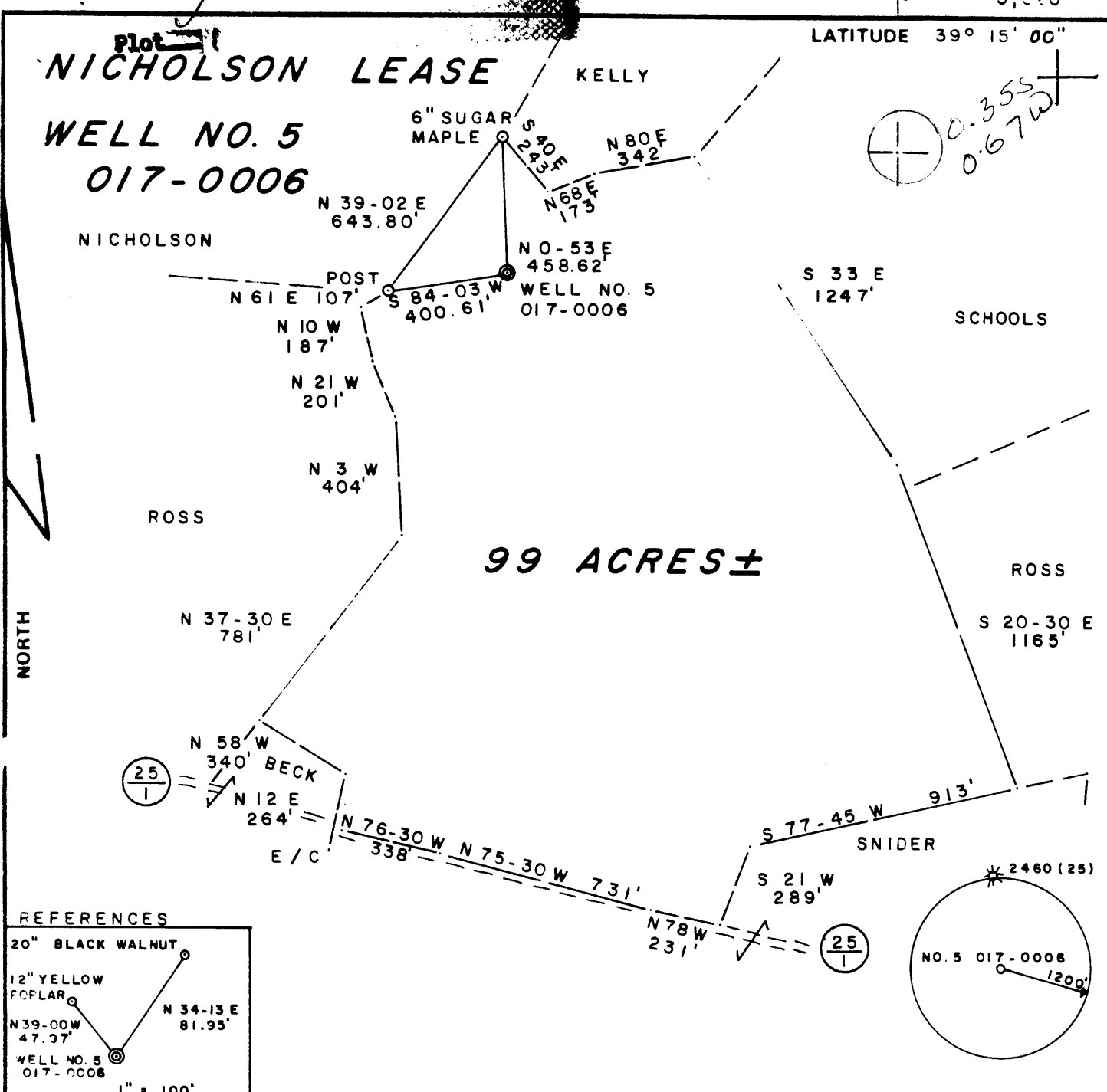
3,520'

LATITUDE 39° 15' 00"

LONGITUDE 80° 40' 00"

# NICHOLSON LEASE

## WELL NO. 5 017-0006



FILE NO. 13-60  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION BM ELEV. 844'

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

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)



DATE JULY 10, 19 84  
 OPERATOR'S WELL NO. 5 017-0006  
 API WELL NO. \_\_\_\_\_  
47-017-0006-00  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION ELEVATION 1211' WATERSHED \_\_\_ WOLF PEN RUN  
 DISTRICT NEW MILTON 6 COUNTY DODDRIDGE  
 QUADRANGLE S11 NEW MILTON 7.5/23 Vad is 15'NW,  
 SURFACE OWNER CONNIE WEEKLY, et. al. ACREAGE 99  
 OIL & GAS ROYALTY OWNER CONNIE WEEKLY, et. al. LEASE ACREAGE 99  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER X REDRILL \_\_\_ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION ELK ESTIMATED DEPTH 5900'  
 WELL OPERATOR UNITED OPERATING CO. DESIGNATED AGENT LYLE COFFMAN  
 ADDRESS SUITE 930 COMMERCE SQUARE ADDRESS 527 NORRIS RD.  
899 CHARLESTON, WV 25301 GLENVILLE, WV 26351

JUL 30 1984

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

PRELIMINARY DATA SHEET NO. 1

File No. D-16

Well No. 5

Trainer & Travis Company of West Union, W. Va.

on the Robert Nicholson Farm

containing 100 acres. Location Sugar Camp Run,

New Milton District, in Doddridge County, West Virginia

The surface of the above tract is owned in fee by R. Nicholson ((now his heirs))

of New Milton, W. Va. address, and the mineral rights are owned by

R. Nicholson et al of New Milton, W. Va.

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit No. Permit not numbered. issued by the West Virginia Department of Mines, Oil and Gas Division

August ninth, 1929.

Elevation of surface at top of well, 1075 ft. ~~8000~~ Barometric.

The number of feet of the different sized casings used in the well.

<u>15</u>	feet		size.	<u>Wood</u>	conductor.
<u>555</u>	feet	<u>10"</u>	size, csg.	<u>1327</u>	feet <u>8 1/4</u> sized csg.
<u>2168</u>	feet	<u>6-5/8</u>	size, csg.		feet sized csg.
	feet		size, csg.		feet sized csg.

None. packer of \_\_\_\_\_ size, set at \_\_\_\_\_

packer of \_\_\_\_\_ size, set at \_\_\_\_\_

\_\_\_\_\_, in casing perforated at \_\_\_\_\_ feet to \_\_\_\_\_ feet.

\_\_\_\_\_, in casing perforated at \_\_\_\_\_ feet to \_\_\_\_\_ feet.

Coal was encountered at 283 feet, thick ness 12 inches, and at 817 feet; thickness 60 inches; and at \_\_\_\_\_ feet; thickness \_\_\_\_\_ inches.

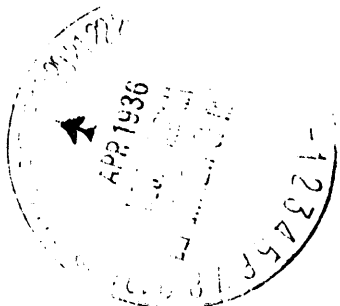
Liners were used as follows: (Give details) None.

April 17, 1936.

Date.

Approved \_\_\_\_\_, Owner.

By J. E. Trainer (TITLE)



Trainer & Travis Company

West Union, W. Va. Address

COMPLETION DATA SHEET  
NO. 2  
FORMATION RECORD

WELL NO. DOD-6 FARM

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Conductor, Water.					15			
Hatfield Coal, coal,					65			
Pittsburgh Coal,				283	284			
Little Dunkard Sand,				817	822			
Big Gas Sand,	" "			1275	1285			
First Salt Sand,	" "			1323	1385			
Second " "	" "			1385	1500			
Third Salt Sand,	" "			1570	1610			
Maxon Sand,				1630	1710			
Little Lime,				1740	1800			
Pencil Cave,				1840	1945			
Big Lime,					Shells,			
Big Injun Sand,				2150	2162			
Gas & Oil,				2162	2165			
Oil,				2165	2206			
Gas,				2206	2261			
Total Depth,				2211	2216			
				2242	2247			
				2248	2251			
					2335			

Finished Drilling: Nov. 11, 1929

Well was ~~not~~ shot at 2242 - 2247 feet; well was shot at \_\_\_\_\_ feet.

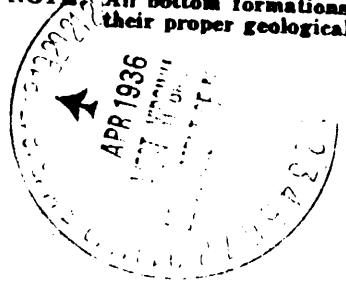
Fresh water at 65 feet; fresh water at 817 feet.

Well was producing hole.

April 17, 1936 Date

Approved J. E. Trainer Member of Firm.

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.





1) Date: JULY 10, 19 84  
 2) Operator's Well No. 5 017-0006  
 3) API Well No. 47 - 017 - 0006-DD  
 State 47 County 017 Permit 0006-DD

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: 1211' Watershed: WOLFEN RUN  
 District: NEW MILTON County: DODDRIDGE Quadrangle: NEW MILTON 7.5'
- 6) WELL OPERATOR UNITED OPERATING CO.  
 Address SUITE 930 COMMERCE SQUARE  
CHARLESTON, WV 25301
- 7) DESIGNATED AGENT LYLE COFFMAN  
 Address 527 NORRIS ROAD  
GLENVILLE, WV 26351
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name MIKE UNDERWOOD  
 Address RT. 2, BOX 114  
SALEM, WV 26426
- 9) DRILLING CONTRACTOR:  
 Name I.L. MORRIS WELL SERVICE  
 Address P.O. BOX 4  
GLENVILLE, WV 26351
- 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, ELK  
 12) Estimated depth of completed well, 5900' feet  
 13) Approximate trata depths: Fresh, 100' feet; salt, N/A feet.  
 14) Approximate coal seam depths: 817' - 822' Is coal being mined in the area? Yes  No
- 15) CASING AND TUBING PROGRAM

**RECEIVED**  
 JUL 18 1984

OIL & GAS DIVISION  
 DEPT. OF MINES

CASING OR TUBING TYPE	Size	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
		Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	10"				X	555'	555'	To surface	Kinds <b>EXISTING</b> Sizes
Fresh water	8 3/4"				X	1327'	1327'	To surface	
Coal									
Intermediate	6 5/8"				X	2168'	2168'		
Production	4 1/2"			X		5900'	5900'		
Tubing									
Liners									

*As required by state into 6 5/8" casing (3132' fill up)*

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-017-0006-DD Date July 18, 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 18, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <b>BLANKET</b>	Agent: <u>LO</u>	Plat: <u>MM</u>	Casing <u>MM</u>	Fee <u>9362</u>
-------------------------	---------------------	--------------------	---------------------	--------------------

*Margaret J. Hasse*  
 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

