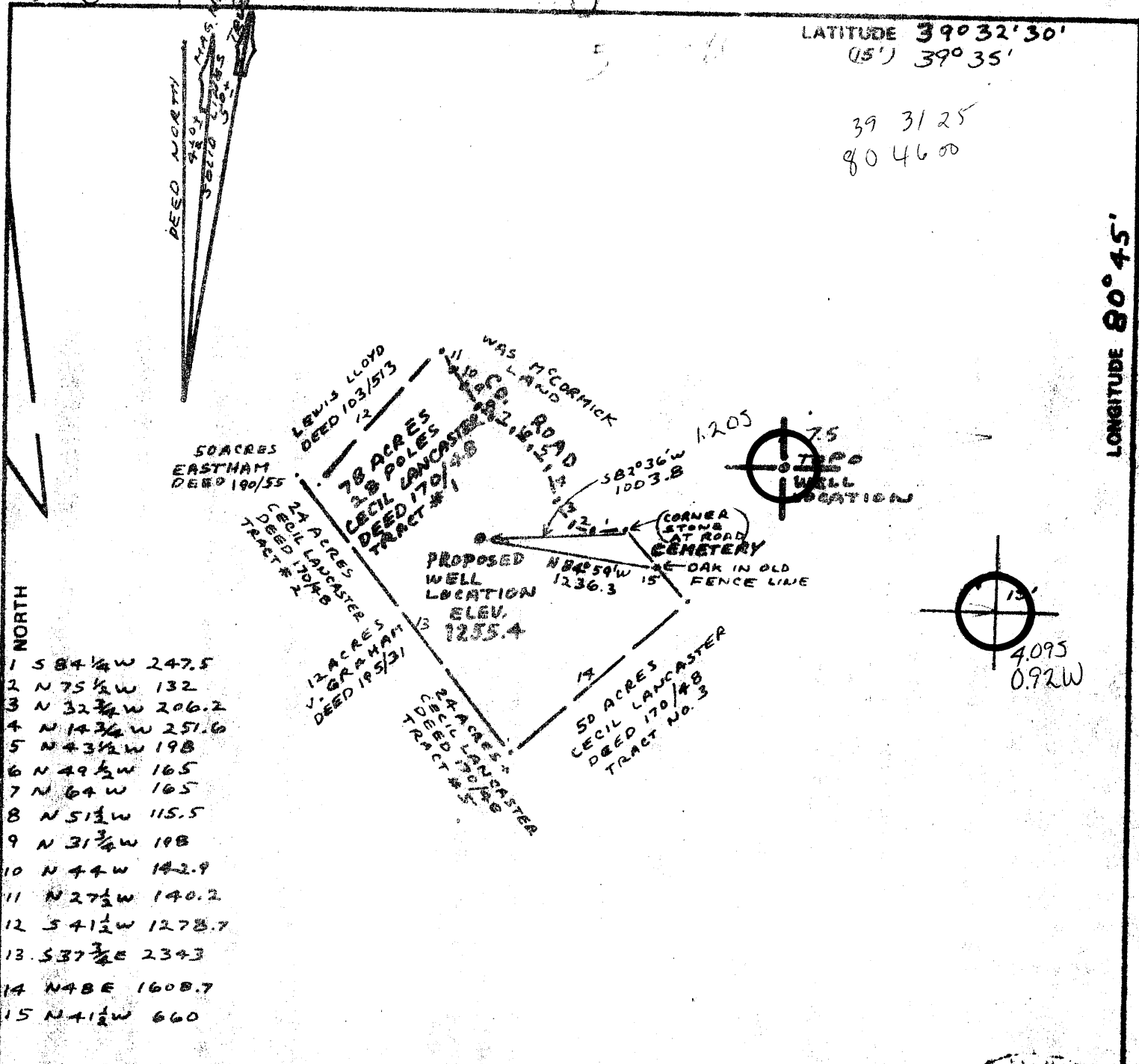


LATITUDE 39° 32' 30" (5') 39° 35'

39 31 25
40 46 00

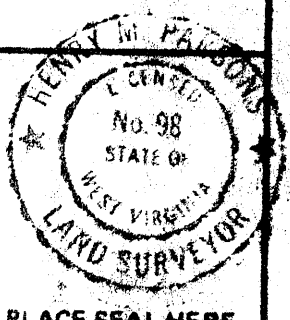
LONGITUDE 80° 45'



- NORTH
- 1 S 84 1/4 W 247.5
 - 2 N 75 1/2 W 132
 - 3 N 32 3/4 W 206.2
 - 4 N 14 3/4 W 251.6
 - 5 N 43 1/2 W 198
 - 6 N 49 1/2 W 165
 - 7 N 64 W 165
 - 8 N 51 1/2 W 115.5
 - 9 N 31 3/4 W 198
 - 10 N 44 W 142.9
 - 11 N 27 1/2 W 140.2
 - 12 S 41 1/2 W 1278.7
 - 13 S 37 3/4 E 2343
 - 14 N 48 E 1608.7
 - 15 N 41 1/2 W 660

FILE NO. 78-5278
 DRAWING NO. _____
 SCALE 1"=1000'
 MINIMUM DEGREE OF ACCURACY 1 IN 2500
 PROVEN SOURCE OF ELEVATION INTERSECTIONS 281 E 1310 ON PORTERS FALLS TOPO MAP

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) Henry M. Parsons
 R.P.E. _____ L.L.S. 98



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



DATE APRIL 26, 1980
 OPERATOR'S WELL NO. LANCASTER #1
 API WELL NO. 095
47 - TYLER 0799
 STATE COUNTY PERMIT
NOTE WELL IN TYLER CO. FARM IN BOTH TYLER AND WETZEL COUNTIES

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 1255.4 WATER SHED SCALE RUN
 DISTRICT ELLSWORTH COUNTY TYLER
 QUADRANGLE PORTERS FALLS 75 NEW MARTINSVILLE 75 SE
 SURFACE OWNER CECIL LANCASTER ACREAGE 78A. 28B
 OIL & GAS ROYALTY OWNER Cecil Lancaster LEASE ACREAGE 77
 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 Devonian Shale ESTIMATED DEPTH 5900
 WELL OPERATOR Carter-Jones Lumber Co DESIGNATED AGENT Mr. Gary L. Rymer
 ADDRESS 601 Tallmadge Road ADDRESS P.O. Box 236
Rentz, Ohio 44240 Middlebourne W Va 26149



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
MAY 11 1981

Oil and Gas Division

WELL RECORD

OIL & GAS DIVISION
DEPT. OF MINES

New Martinsville
Porterfalls
Quadrangle _____
Permit No. 095-0799

Cable _____ Gas _____
Recycling _____ Comb _____
Water Flood _____ Storage _____
Disposal _____

Company Carter-Jones Lumber Co.
Address 601 Tallmadge Rd. Kent, Ohio 44240
Farm Cecil Lancaster Acres 77
Location (waters) Scale Run
Well No. one Elev. 1255.4'
District Ellsworth County Tyler
The surface of tract is owned in fee by Cecil Lancaster
Address _____
Mineral rights are owned by same
Address _____
Drilling Commenced 09/02/80
Drilling Completed 09/16/80
Initial open flow dry hole cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.
Well treatment details:
not treated

Casing and Tubing	Used in Drilling	Left in Well	Cement ft. (S)
Size 20-16			
Cond. 13-10" 11 3/4	522	522	cmt to
9 5/8			
8 5/8	2359	1474	200 sxs
7			
5 1/2			
4 1/2	2992	492	240 sxs
3			
2			
Liners Used			

Attach copy of cementing record.

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand dry hole Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	• Remarks
Big Injun			top not logged			
Weir			2530	2424		
Berea			2770	2640		
Gordon			3008	2777		
Dev. Shale			3032	3032		
				5921		

All exploratory

(over)

• Indicates electric log tops in the remarks section.

JUN 25 1981

[06-78]

Operator's Well No. Lancaster #1
API Well No. 17-095 - 799
State County Permit

WELL TYPE: Oil Gas
(If "Gas", Production Underground storage Deep Shallow
LOCATION: Elevation: 1255.4 Watershed: Scale Run
District: Ellsmer County: Tyler Quadrangle: Porter Falls

WELL OPERATOR: CARTER-JONES LUMBER CO.
Address: GAS AND OIL DIVISION
601 Tallmadge Rd.
Kent, Ohio 44240

DESIGNATED AGENT: Gary L Rymer
Address: P.O. Box 236
Middlebourne WV

WELL & GAS LEASE & GAS LEASEE: Cecil Lancaster
Address: Middlebourne
WV

COAL OPERATOR: NO Coal Operator
Address: _____

APPEARANCE: 77
SURFACE OWNER: Same as above
Address: _____

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name: _____
Address: NO Coal

FIELD CALL (IF MADE) TO: _____
Address: _____

Name: _____
Address: _____

FIELD CALL (IF MADE) TO: not yet determined
Address: _____

COAL LESSEE WITH DECLARATION ON RECORD: OIL & GAS DIVISION
DEPT. OF MINES

WELL & GAS INSPECTOR TO BE NOTIFIED: Phil Tracey
Address: Rt 23
Alma WV 26320

Name: _____
Address: NO Coal

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract dated 3/7/80, 1980, to the undersigned well operator from Cabot AEO Farm out agreement. If said deed, lease, or other contract has been recorded: FO not recorded recorded or _____, 19____, in the office of the Clerk of the County Commission of _____ county, West Virginia, in _____ Book _____ at Page _____. A permit is requested for the following:

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

--claimed 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 5-22-4-2 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 risk and reclamation plan have been mailed or registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia. NO Coal Operator

EACH SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO THE WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION, WASHINGTON STREET EAST CHARLESTON, WV 25301

BLANKET BOND

The Carter-Jones Lumber Co
Well Operator

By: Gene C. Paly
Asst. V. Pres.

RECEIVED

MAY - 5 1980

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Not Yet Determined

Address _____

GEOLOGICAL TARGET FORMATION, Dorwinian Shale

Estimated depth of completed well, 5900 feet Rotary Cable tools

Approximate water strata depths: Fresh, 50-100 feet; salt, 1400 feet.

Approximate coal seam depths: 20 Coal Is coal being mined in the area: Yes No

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		Kinds	Sizes
Conductor	11 3/4"	USRC				40'	40'			Kinds <u>NA</u>
Casing	8 5/8"	API	20#			1400'	1400'	cmf to surf		Sizes <u>NA</u>
Intermediate										
Production	4 1/2"	EW 55	10.5#	X		To TD	To TD	cmf to 3000'		Depths <u>NA</u>
Logging										
Packers										Perforations: <u>NA</u>
										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 13, 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 fee required by Code § 22-4-2a from the owner of any water well or drilling within 200 feet of the proposed well.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions of Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is in accordance with Chapter 22 of the W. Va. Code, the location of the work for which a permit is sought and is noted as such on the permit. This permit is hereby approved.

for drilling. This permit shall expire if operations have not commenced by 1-13-81.

Robert R. [Signature]
Deputy Director - Oil & Gas Division
Drilling Permit to be filed in Division of Oil & Gas

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 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.

No Coal Operator

_____, 19_____
By _____
Its _____