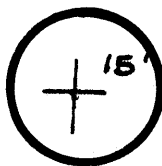


LATITUDE 39° 35'

0.69 S
0.63 W



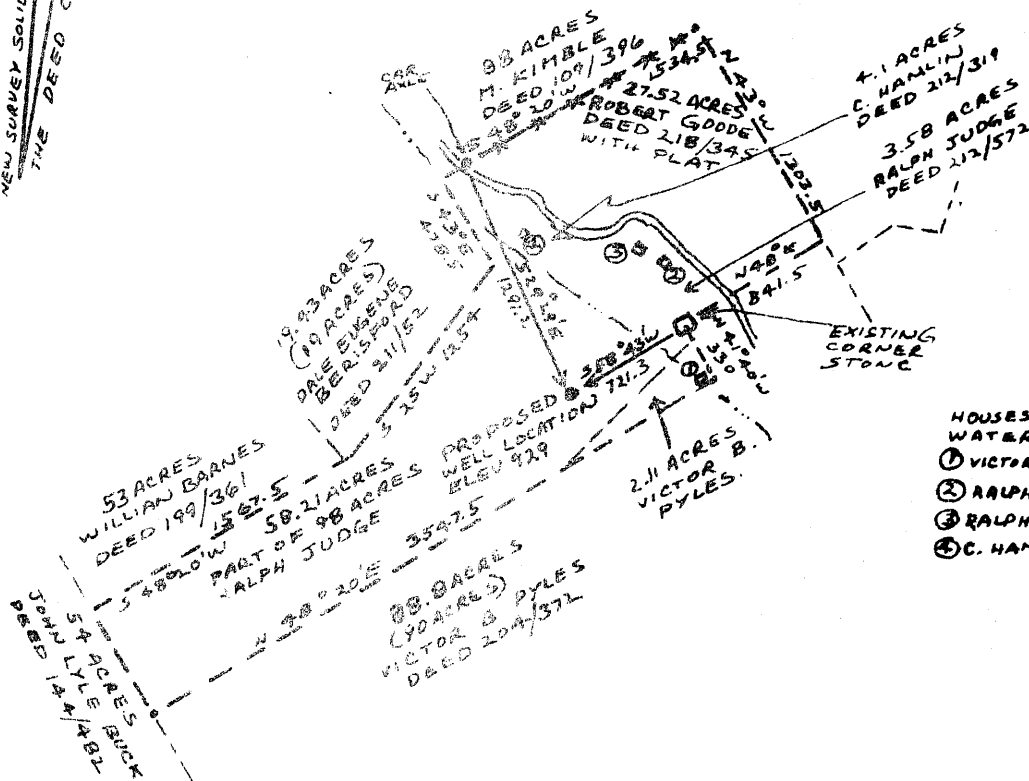
7 1/2'
TOPO
LOCATION

39 34 25
80 55 45

LONGITUDE 80° 55'

NORTH

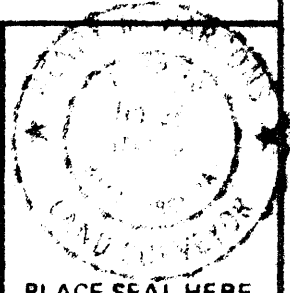
NEW SURVEY SOLID LINES FROM 1979 MAGNET
THE DEED CALLS ARE NEAR TRUE N



- HOUSES WITH DRILLED WATER WELLS
- ① VICTOR PYLES 40'-50'
 - ② RALPH JUDGE JR. 50'
 - ③ RALPH JUDGE SR. 40'
 - ④ C. HAMLIN 60'-70'

FILE NO. _____
 DRAWING NO. 78-5278
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 IN 2500
 PROVEN SOURCE OF ELEVATION 761 AT THE BUCK RUN ROAD AND WILLOW RUN ROAD INTERSECTION ON PADEN CITY QUADRANGLE 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



PLACE SEAL HERE

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



DATE JAN 18, 1980
 OPERATOR'S WELL NO. JUDGE #1
 API WELL NO. _____
47 - 095 - 0777
 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 929 WATER SHED BUCK
 DISTRICT LINCOLN COUNTY TYLER
 QUADRANGLE PADEN CITY (1 TO 24,000) NEW MARTINSVILLE 15'SW
 SURFACE OWNER RALPH JUDGE ACREAGE 58.21 (TAX MAP)
 OIL & GAS ROYALTY OWNER Ralph Judge et al LEASE ACREAGE 95
 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 Alexander ESTIMATED DEPTH 5400
 WELL OPERATOR The Carter-Jones Corp DESIGNATED AGENT Gary L Rymer
 ADDRESS 601 Tallmadge Road ADDRESS PO Box 236
Kent Ohio 44240 Middlebourne W Va 26149

6-6 Willow Fork (29)

FEB 25 1980

FORM IV-35
(Obverse)

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

Date 04/06/81, 19

[08-78]

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

Operator's Well No. R Judge #1
API Well No. 47 - 095-0777
State County Permi

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

LOCATION: Elevation: 929' Watershed: Buck Run
District: Lincoln County: Tyler Quadrangle: Paden City

WELL OPERATOR The Carter-Jones Lumber Company DESIGNATED AGENT Gary L Rymer
GAS & OIL DIVISION
Address 601 Tallmadge Road Address P O Box 236
Kent OH 44240 Middlebourne WV

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

PERMIT ISSUED ON 01/31/81, 19

OIL & GAS INSPECTOR FOR THIS WORK:

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

Name Phil Tracey

Address Rt #23

Alma WV 26320

GEOLOGICAL TARGET FORMATION: Alexander Depth 5400 feet

Depth of completed well, 2920 feet Rotary XX / Cable Tools

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

Coal seam depths: none Is coal being mined in the area? no

Work was commenced 09/15/80, 19, and completed 09/21/80, 19

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"		20#	xx		998'	998'	290 sxs
Coal								Sizes
Intermediate								
Production	4 1/2"		10/5#	xx		2827'	2827'	370sxs
Tubing								Depths set
Liners								Perforations:
								Top Bottom

RECEIVED
APR - 8 1981

OPEN FLOW DATA

OIL & GAS DIVISION
DEPT. OF MINES
Pay zone depth 2683-2727

Producing formation 5th sand

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

Final open flow, 124 Mcf/d Final open flow, Bbl/d

Time of open flow between initial and final tests, 4 hours

Static rock pressure, 1350 psig (surface measurement) after hours shut in

[If applicable due to multiple completion--]

Second producing formation Pay zone depth

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

APR 22 1981

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

perf w/18 holes from 2683 to 2727 frac w/2000BBLH2O 60,000 sxs
sand & 108,000 SCF N2

WELL LOG

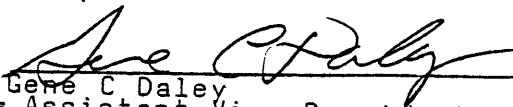
FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
First salt sand			1212	1278	
second salt sand			1346	1389	
Maxton			1456	1512	
Big Lime			1640	1710	
Big Injun			1748	1884	
Weir			2094	2184	
Berea			2264	2268	
Gordon			2522	2552	
fifth sand			2692	2727	
TD			2920		

(Attach separate sheets to complete as necessary.)

The Carter-Jones Lumber Company
GAS & OIL DIVISION

Well Operator

by


Gene C Daley
Its Assistant Vice President

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."

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil Gas
(If "Gas", Production Underground storage Deep Shallow
LOCATION: Elevation: 929 Watershed: Buck
District: Lincoln County: Tyler Quadrangle: Paden City

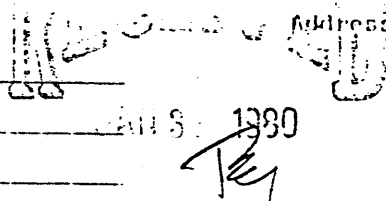
WELL OPERATOR The Carter-Jones Lumber Co DESIGNATED AGENT Gary L Rymer
Address 601 Tallmadge Road Address P.O. Box 236
Kent, Ohio 44240 Middlebourne W Va

OIL & GAS ROYALTY OWNER Ralph Judge COAL OPERATOR NO coal operator
Address RT #1 Address _____
Sistersville W Va

ACREAGE 95 COAL OWNER(S) WITH DECLARATION ON RECORD:
SURFACE OWNER Same as above Name NO coal operator
Address _____

FIELD SALE (IF MADE) TO:
Name NA Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED
Name _____ Address _____



OIL & GAS DIVISION

The undersigned well operator is interested in oil or gas purposes at the above location under a deed lease other contract dated June 27, 1978.
undersigned well operator from Ralph Judge to John Richmond to Carter-Jones
[If said deed, lease, or other contract has been recorded:]

Recorded on July 21, 1978, in the office of the Clerk of the County Commission of Tyler County, West Virginia, in Deed Book 216 at page 170. A permit is requested as follows:

PROPOSED WORK: Drill 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 here of.

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 § 22-2-3 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, State of West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
2015 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 338-4300

The Carter-Jones Lumber Co
Well Operator

BLANKET BOND By Aere P Palay
Asst V Pres.

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, Alexander

Estimated depth of completed well, 5400' feet Rotary Cable tools

Approximate water strata depths: Fresh, 40-60 feet; salt, _____ feet.

Approximate coal seam depths: NO COAL Is coal being mined in the area: Yes No

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									Kinds _____
Fresh water	<u>8 5/8</u>	<u>J-23</u>		<input checked="" type="checkbox"/>		<u>600'</u>	<u>600'</u>	<u>8 cement sacks</u>	
Coal									Sizes _____
Intermediate									
Production	<u>4 1/2</u>	<u>J-55</u>	<u>9.5#</u>	<input checked="" type="checkbox"/>		<u>to TD</u>	<u>to TD</u>	<u>150SXS</u>	Depths set _____
Tubing									
Liners									Perforations: <u>not known</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 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 drilling within 200 feet of the proposed well.

THIS PERMIT MUST BE POSTED AT THE WELL SITE if separate Form IV-2 shall 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.

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved

for drilling. This permit shall expire if operations have not commenced by 10/1/80.

Robert L. [Signature]
Deputy Director - Oil & Gas Division

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

By _____
Its _____