

LONGITUDE 80° 57' 30"

14,750'

H. W. M c COY

2.78s
0.27w

Topo 1/2 min

FILE NO. 81-871-9
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1/2500
 PROVEN SOURCE OF ELEVATION EL. 1132.0 ON CO. RD. ON OIL RIDGE 6600' S.E. OF WELL SITE.

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) John Robert Sales
 R.P.E. 5566 L.L.S. _____

No Well in 2400'

PLACE SEAL HERE

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



DATE FEB. 27, 19 82
 OPERATOR'S WELL NO. J-648
 API WELL NO. _____
47 - 095 - 0986
 STATE COUNTY PERMIT

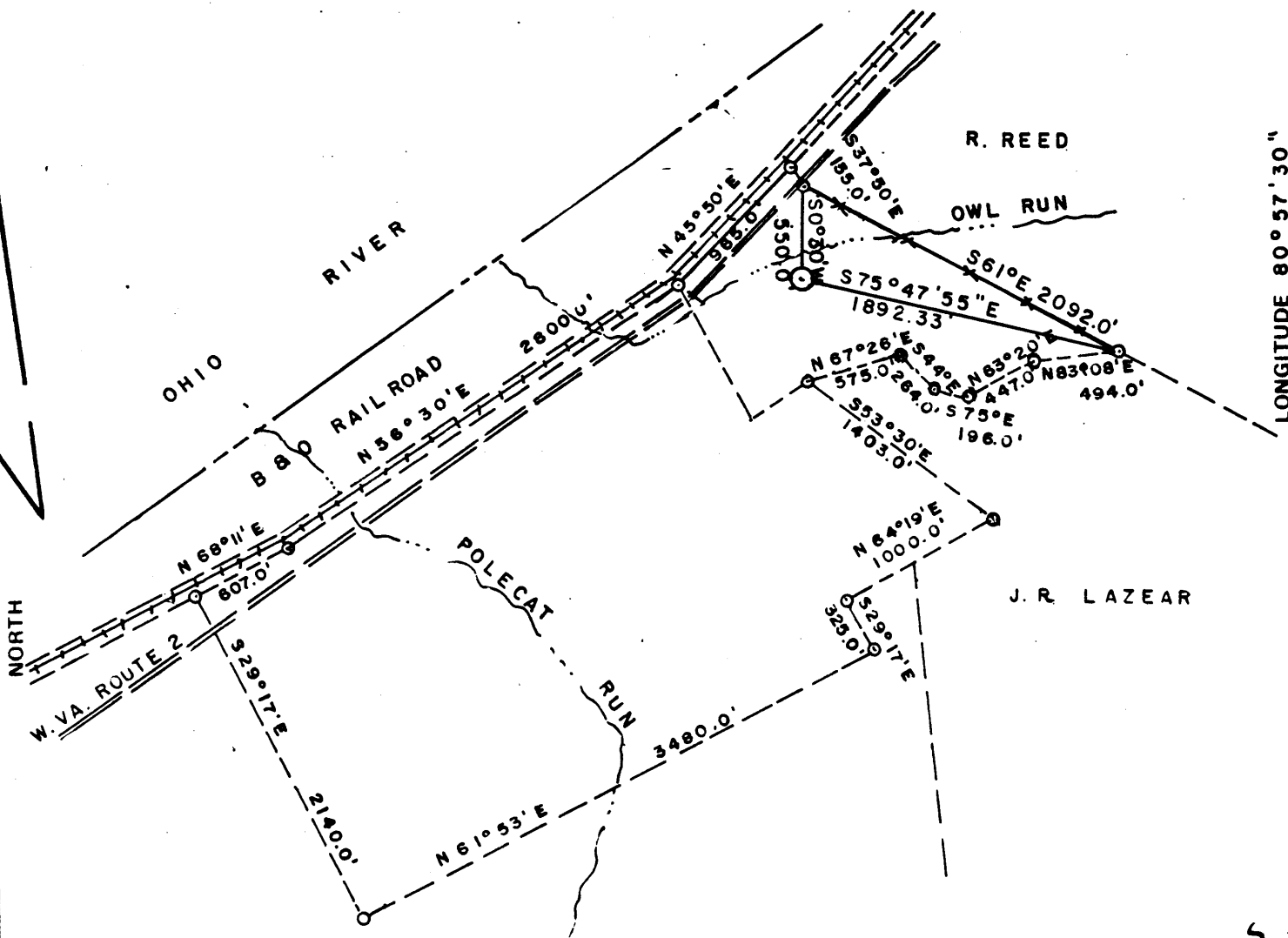
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

CANCELLATION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 690.0 WATER SHED OHIO RIVER
 DISTRICT LINCOLN COUNTY TYLER
 QUADRANGLE ~~PADEN CITY~~
 SURFACE OWNER GRACE V. THOENEN ACREAGE 35.20
 OIL & GAS ROYALTY OWNER JOSHUA RUSSELL ESTATE LEASE ACREAGE 316
 LEASE NO. D-23
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ 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 DEVONIAN SHALE ESTIMATED DEPTH 5100
 WELL OPERATOR J&J ENTERPRISES INC. DESIGNATED AGENT HARRY L. BARNETT
 ADDRESS P.O. BOX 48 ADDRESS P.O. BOX 48
BUCKANNON W. VA. 26201 BUCKHANNON, WY 26201

FEB 14 1983



H. W. M c COY

2.805
0.280

Topo 7 1/2 min.

FILE NO. 81-871-9
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1/2500
 PROVEN SOURCE OF ELEVATION EL. 1132.0 ON CO. RD. ON OIL RIDGE 6600' S.E. OF WELL SITE.

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) _____
 R.P.E. 5566 L.L.S. _____

No Well in 200'
 PLACE SEAL HERE

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



DATE FEB. 27, 19 82
 OPERATOR'S WELL NO. J-648
 API WELL NO. _____
47-095-0986
 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 690.0 WATER SHED OHIO RIVER
 DISTRICT LINCOLN COUNTY TYLER
 QUADRANGLE PADEN CITY new Martinsville 15' WC
 SURFACE OWNER GRACE V. THOENEN ACREAGE 35.20
 OIL & GAS ROYALTY OWNER JOSHUA RUSSELL ESTATE LEASE ACREAGE 316
 LEASE NO. D-23
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ 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 DEVONIAN SHALE ESTIMATED DEPTH 5100
 WELL OPERATOR J&J ENTERPRISES INC. DESIGNATED AGENT HARRY L. BARNETT
 ADDRESS P.O. BOX 48 ADDRESS P.O. BOX 48
BUCKANNON W. VA. 26201 BUCKHANNON, WV 26201

MAR 18 1982

[08-78]

MAR 02 1982 OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-648
API Well No. 47 095 0986
State County Permit

WELL TYPE: OIL OIL AND GAS DIVISION WV DEPARTMENT OF MINES /
(If "Gas", Production / Underground storage ___ / Deep ___ / Shallow /)

LOCATION: Elevation: 690 Watershed: Ohio River
District: Lincoln County: Tyler Quadrangle: Paden City

WELL OPERATOR J & J Enterprises, Inc. DESIGNATED AGENT Harry L. Barnett
Address P.O. Box 48 Address P.O. Box 48
Buckhannon, WV 26201 Buckhannon, WV 26201

OIL & GAS ROYALTY OWNER Joshua Russell Heirs COAL OPERATOR None
Address C/O Grace Thoenen Address
600 Wells St., Sistersville, WV 26175

ACREAGE 316 COAL OWNER(S) WITH DECLARATION ON RECORD:
SURFACE OWNER Grace Thoenen Name Grace Thoenen
Address 600 Wells St. Address 600 Wells St.
Sistersville, WV 26175 Sistersville, WV 26175
ACREAGE 35.20 Name
Address

FIELD SALE (IF MADE) TO:
Name Unknown
Address
COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Phillip L. Tracy
Address Rt. # 23
Alma, WV 26320

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease / other contract ___ / dated 9/25, 1980, to the undersigned well operator from James Doan

[If said deed, lease, or other contract has been recorded;]
Recorded on 12/12, 1980, in the office of the Clerk of the County Commission of Tyler County, West Virginia, in Deed Book 230 at page 134. 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) _____


--planned 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 § 22-4-3 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 at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

BLANKET BOND

J & J Enterprises, Inc.
Well Operator
By 
Peter Battles
Geologist

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) S.W. Jack Drilling Company
Address P.O. Box 48
Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Devonian Shale

Estimated depth of completed well, 5100 feet Rotary X / Cable tools /
Approximate water strata depths: Fresh, 73 feet; salt, 1000 feet.
Approximate coal seam depths: Noen **Is coal being mined in the area?** Yes / No X

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	11 3/4	H-40	42	x		30	0	0 sks .	Kinds
Fresh water	8 5/8	ERW	23	x		1000	1000	To surface	
Coal	8 5/8	ERW	23	x		1000	1000	To surface	Sizes
Intermediate									
Production	4 1/2	J-55	10.5	x		5050	5050	400 sks.	Depths set
Tubing									
Liners									Perforations:
									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 § 22-4-9a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not 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.

THIS PERMIT MUST BE POSTED AT THE WELL SITE.
ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY
APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE
IF OPERATIONS HAVE NOT COMMENCED BY 11-2-82

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.

Date: , 19

By
Its