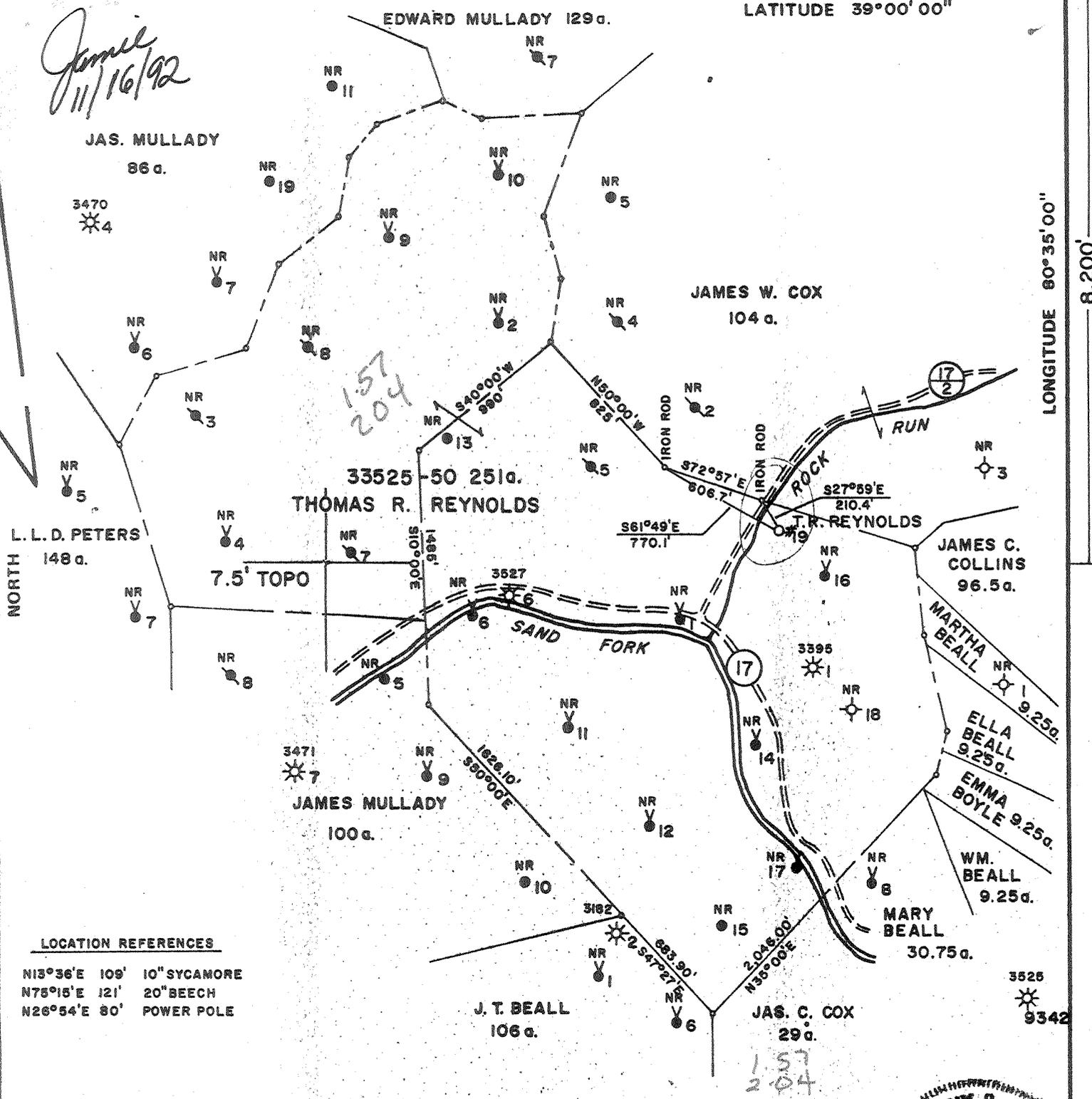


Janice
11/16/92

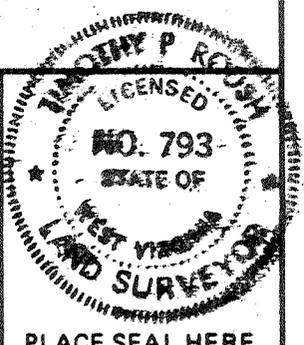


LOCATION REFERENCES

- N13°36'E 109' 10" SYCAMORE
- N75°15'E 121' 20" BEECH
- N26°54'E 80' POWER POLE

FILE NO. 1775
 MAP NO. 28 SQS. S33 W2
 SCALE 1" = 800'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION ROAD INTERSECTION
700' SE = 821'

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) Timothy P. Roush
 TIMOTHY P. ROUSH P.S. 793



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE OCTOBER 28, 19 92
 FARM T.R. REYNOLDS NO. 19
 API WELL NO. 47 - 041 - 4157
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___ CORE TEST X
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 852 WATERSHED ROCK RUN
 DISTRICT COURT HOUSE COUNTY LEWIS
 QUADRANGLE PETERSON Burrsville NC
 SURFACE OWNER THOMAS W. DIEKMAN ET. AL. ACREAGE 148 a.
 OIL & GAS ROYALTY OWNER MARY REYNOLDS DIEKMAN KOPP LEASE ACREAGE 251 a.
 LEASE NO. 33525-50
 PROPOSED WORK: DRILL X 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 FIFTH SAND ESTIMATED DEPTH 2,900' 7-0
 WELL OPERATOR PENNZOIL PRODUCTS CO. DESIGNATED AGENT JAMES A. CREWS
 ADDRESS P.O. BOX 5519 ADDRESS P.O. BOX 5519 Copley (185)

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

DEC 07 93

Well Operator's Report of Well Work

Farm name: DIEKMAN, THOMAS W/M. KOPP Operator Well No.: T.R. REYNOLDS19

LOCATION: Elevation: 852.00 Quadrangle: PETERSON

District: COURT HOUSE County: LEWIS
Latitude: 8200 Feet South of 39 Deg. 0 Min. 0 Sec.
Longitude 10750 Feet West of 80 Deg. 35 Min. 0 Sec.

Company: PENNZOIL PRODUCTS COMPANY
P. O. BOX 5519
VIENNA, WV 26105-5519

Agent: JAMES A. CREWS

Inspector: TIM BENNETT
Permit Issued: 11/16/92
Well work Commenced: 3/2/93
Well work Completed: 3/8/93

Verbal Plugging
Permission granted on: _____
Rotary Cable _____ Rig
Total Depth (feet) 2814
Fresh water depths (ft) N/A
Salt water depths (ft) N/A

Is coal being mined in area (Y/N)? N
Coal Depths (ft): _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8 5/8	460.95	460.95	165 Sk.
4 1/2	2703.25	2703.25	270 Sk.

OPEN FLOW DATA

Producing formation Fifth Sand Pay zone depth (ft) 2712 - 2719
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 pressure) after _____ Hours

* Core Well Test - Not Completed
Second producing formation _____ Pay zone depth (ft) _____
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 pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: PENNZOIL PRODUCTS COMPANY

By: [Signature]
Date: 12/6/93

Reviewed TMG
Recorded _____

TREATMENT:

NO PERFORATIONS

NO TREATMENT

WELL LOG:

Sand & Shale	0 - 732
Sand	732 - 842
Shale	842 - 1000
Sand	1000 - 1019
Shale	1019 - 1085
Sand & Shale	1085 - 1205
Sand	1205 - 1218
Shale	1218 - 1560
Sand	1560 - 1578
Sand & Shale	1578 - 1820
Little Lime	1820 - 1840
Pencil Cave	1840 - 1870
Big Lime	1870 - 1941
Shale	1941 - 1950
Big Injun	1950 - 2048
Sand & Shale	2048 - 2448
Gordon Stray	2448 - 2512
Shale	2512 - 2528
Gordon	2528 - 2560
Shale	2560 - 2711
Fifth Sand	2711 - 2719

T.D. 2814

DF-411
DFC-422

Were core samples taken? No

Were cuttings caught during drilling? No

Were Y Electrical, N Mechanical, N or Geophysical logs recorded on this well?
Y/N Y/N Y/N

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Treatment : Treated Fifth sand open hole W 300 gals 15% HCL, 370 bbls gelled freshwater, and 10,600# 20/40 sand.

Well Log : See Original Well Record

RECEIVED

WV Division of Environmental Protection

FORM WW-2B

03 0 92

041 - 4157

Issued 11/16/92

Page 3 of 4

Expires 11/16/94

Permitting Office of Oil & Gas

STATE OF WEST VIRGINIA

DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

WELL WORK PERMIT APPLICATION

- 1) Well Operator: Pennzoil Products Company ⁴⁶⁷⁰ 37450 (2) 541
- 2) Operator's Well Number: T.R. REYNOLDS NO. 19 3) Elevation: 853'
- 4) Well type: (a) Oil / or Gas / Core Test X
 (b) If Gas: Production / Underground Storage /
 Deep / Shallow
- 5) Proposed Target Formation(s): Fifth Sand 422
- 6) Proposed Total Depth: 2900 feet
- 7) Approximate fresh water strata depths: N/A ^{144'}
- 8) Approximate salt water depths: 1,100 ^{1138'}
- 9) Approximate coal seam depths: No Commercial Coal ^{154'-162', 289'-292'}
- 10) Does land contain coal seams tributary to active mine? Yes / No X
- 11) Proposed Well Work: Drill and stimulate new well
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor						380SR11.3
Fresh Water	8 5/8	L.S.	20	450	OK 450	To Surface
Coal						380SR11.2
Intermediate						
Production	5 1/2	K-55	14.0	2850	2850	Over Salt Sand
Tubing						380SR11.1
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund

Plat WW-9 WW-2B Bond Security Blanket

14527

319
36

RECEIVED
WV DEPARTMENT OF ENERGY
OCT 30 1992

1) Date: October 28, 1992
2) Operator's well number
T.R. REYNOLDS NO. 19
3) API Well No: 47 - 041 - 4157
State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:
(a) Name Thomas W. Diekman &
Address Mary D. Kopp
749 Stout Street
(b) Name Bridgeport, WV 26330
Address _____
(c) Name _____
Address _____
6) Inspector Tim Bennett
Address 737 Karl Street
Weston, WV 26452
Telephone (304)- 269-6167

5) (a) Coal Operator:
Name N/A
Address _____
(b) Coal Owner(s) with Declaration
Name _____
Address _____
Name _____
Address _____
(c) Coal Lessee with Declaration
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR

X Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties; by:

- _____ Personal Service (Affidavit attached)
- X Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Bennzoil Products Company
By: Timothy P. Roush
Its: Supervisor - Surveying/Mapping
Address P.O. Box 5519
Vienna, WV 26105
Telephone (304) 422-6565

Subscribed and sworn before me this 28th day of October, 1992

Deak J. Anderson
My commission expires 10/3/2000 Notary Public

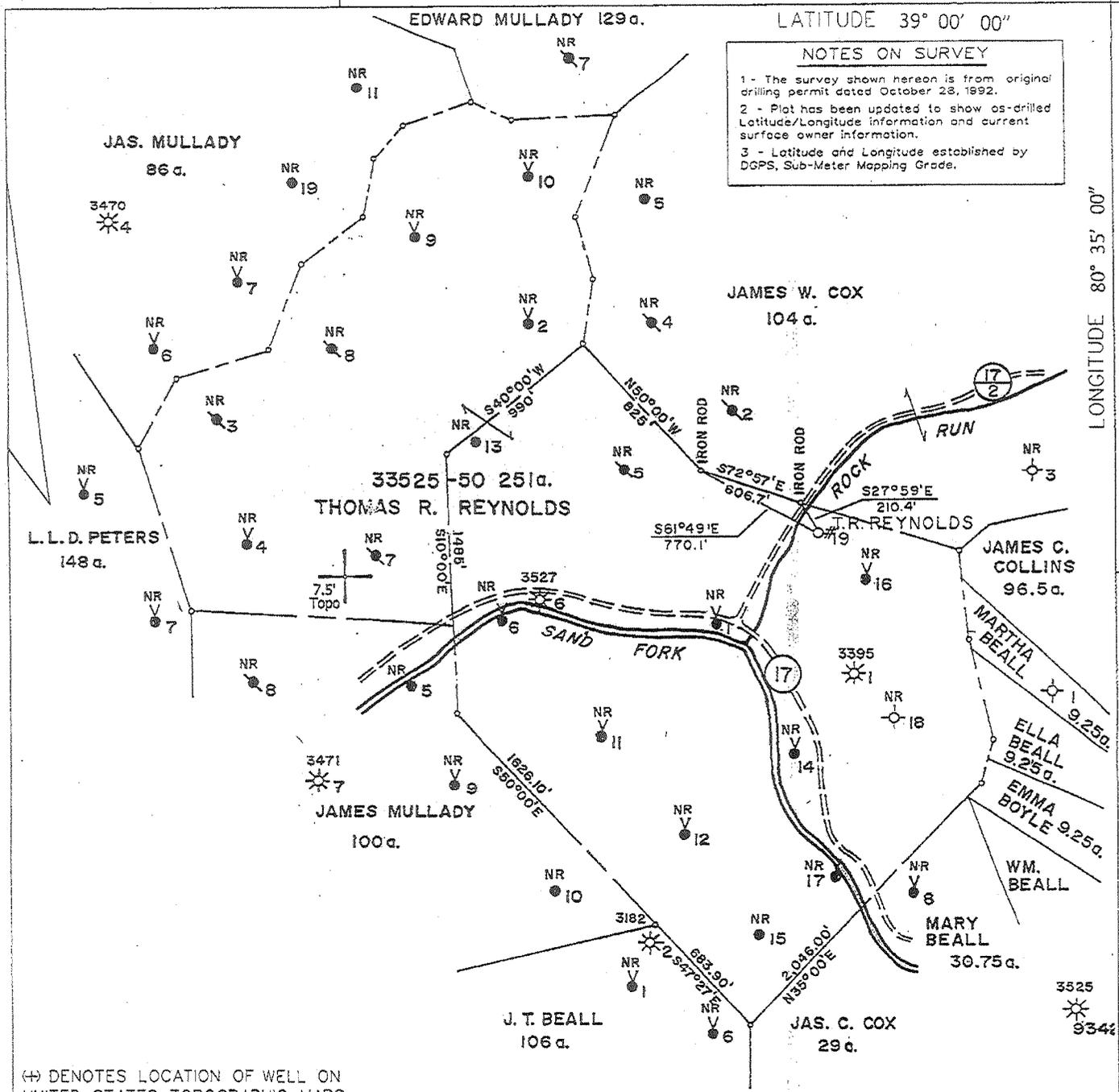
Longitude - 80° 37' 17.1"

10,825'

LATITUDE 39° 00' 00"

NOTES ON SURVEY

- 1 - The survey shown hereon is from original drilling permit dated October 23, 1892.
- 2 - Plot has been updated to show as-drilled Latitude/Longitude information and current surface owner information.
- 3 - Latitude and Longitude established by DGPS, Sub-Meter Mapping Grade.



LONGITUDE 80° 35' 00"

8,205'

Latitude - 38° 58' 38.9"

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

FILE NO. 1775
 MAP NO. 28 N S33E W 2
 SCALE 1" = 800'
 MINIMUM DEGREE OF ACCURACY _____
 PROVEN SOURCE OF ELEVATION WVDEP Records

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) [Signature]
 TIMOTHY P. ROUSH PS 793



WEST VIRGINIA
 Division of Environmental Protection
 Office of Oil and Gas
 801 57th Street
 Charleston, West Virginia 25304



DATE March 28, 2011
 FARM T.R. Reynolds No.19
 API WELL NO. 47-041-04157F

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____ OBSERVATION _____
 (IF "GAS") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 352' WATERSHED Rock Run
 DISTRICT Courthouse COUNTY Lewis
 QUADRANGLE Peterson 7.5'
 SURFACE OWNER Thomas Diekmann & Ronald Kopp ACREAGE 148 Ac.
 OIL & GAS ROYALTY OWNER Ronald Kopp et al. LEASE ACREAGE 251 AC.
 LEASE NO. 33525-50
 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 Fifth Sand ESTIMATED DEPTH 2,814'
 WELL OPERATOR East Resources, Inc. DESIGNATED AGENT Philip S. Ondrusek
 ADDRESS P. O. Box 5519 ADDRESS P. O. Box 5519
Vienna, W.Va. 26105 Vienna, W.Va. 26105

FORM IV-6