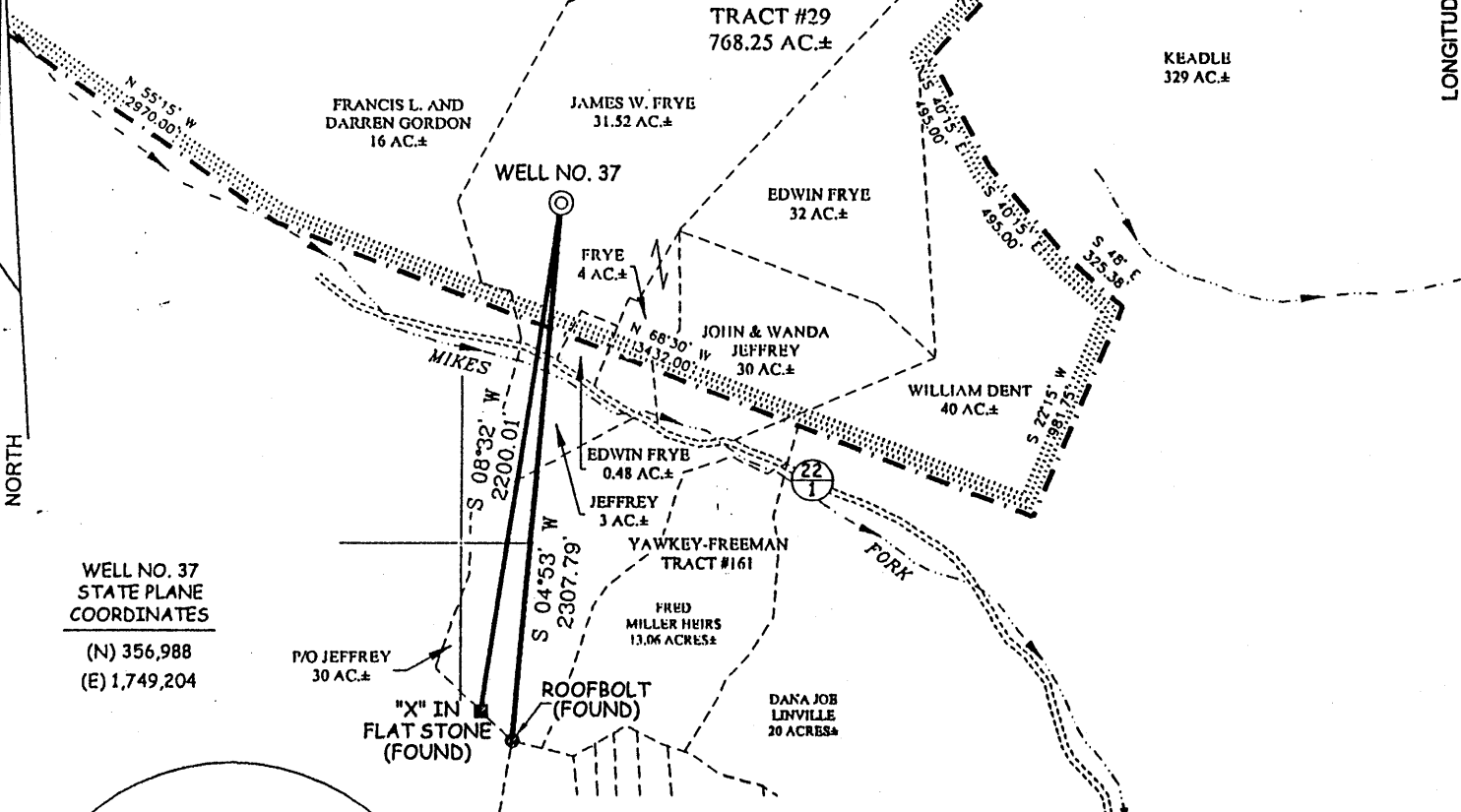


YAWKEY & FREEMAN LEASE

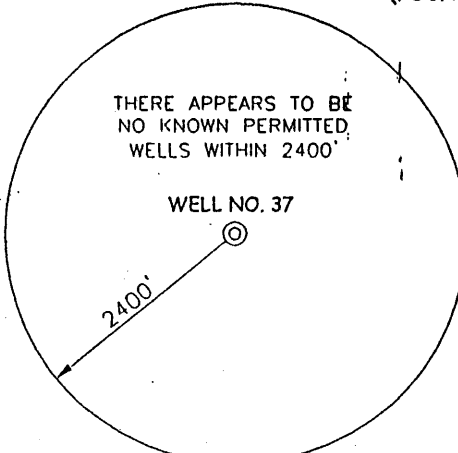
768.25 ACRES±

WELL NO. 37



WELL NO. 37 STATE PLANE COORDINATES

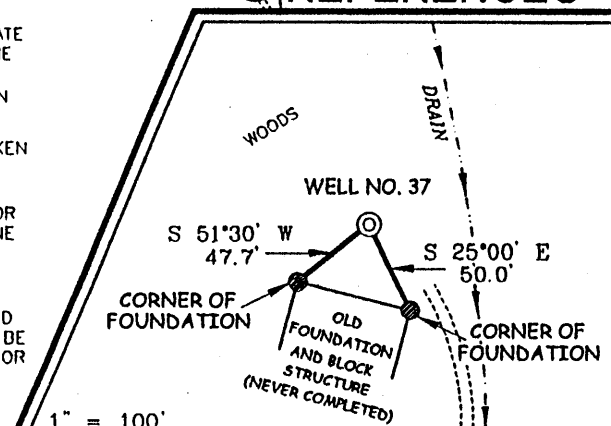
(N) 356,988
(E) 1,749,204



NOTES ON SURVEY

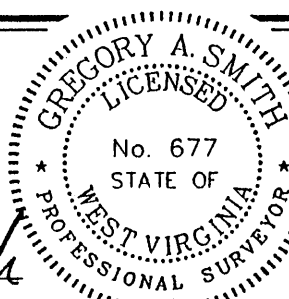
1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 12/12/03.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK "V" ON PAGE 248.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF BOONE COUNTY IN DECEMBER, 2003.
5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).
6. DUE TO POOR AND INACCURATE DEED DESCRIPTIONS SURFACE TRACTS CANNOT BE ACCURATELY MAPPED AND ARE SHOWN FOR REFERENCE ONLY.

REFERENCES



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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 677 *Gregory A. Smith*



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

DATE FEBRUARY 12, 20 04

OPERATORS WELL NO. YAWKEY & FREEMAN NO. 37

API WELL NO. 47 - 005 - 01928
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 5062P37 (154-52)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 800'

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1,036' WATERSHED MIKES FORK
DISTRICT WASHINGTON COUNTY BOONE QUADRANGLE CLOTHIER 7.5'

SURFACE OWNER JAMES W. FRYE ACREAGE 31.52±
ROYALTY OWNER YAWKEY & FREEMAN HEIRS OR ASSIGNS LEASE ACREAGE 768.25±

PROPOSED WORK: LEASE NO. _____
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER _____
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION Devonian Shale
ESTIMATED DEPTH 3896'

WELL OPERATOR EASTERN AMERICAN ENERGY CORP. DESIGNATED AGENT JOHN M. PALETTI
ADDRESS BOX 820, GLENVILLE, WV 26351 ADDRESS BOX 820, GLENVILLE, WV 26351

COUNTY NAME

PERMIT

Boone

1928

(Copy - T. Man 246) 1/1

2004

put

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas
Well Operator's Report of Well Work

Farm name: Frye, James W.

Operator Well No.: ECA/Yawkey 37

LOCATION: Elevation: 1036' Quadrangle: Clothier 7.5'
District: Washington County: Boone
Latitude: 37° 58' 37.8 "
Longitude: 81° 52' 12.4 "

Company: EASTERN AMERICAN ENERGY CORPORATION
501 56th Street
Charleston, WV 25328

Casing & Tubing	Used in Well	Left in Well	Cement Fill Up Cu. Ft.
13-3/8"	28'	28'	
9-5/8"	310'	310'	78 sxs
7"	1426'	1426'	163 sxs
4-1/2"	3847'	3847'	195 sxs

Agent: John Paletti

Inspector: Ralph Triplett

Permit Issued: 05/06/2004

Well work commenced: 06/24/05

Well work completed: 08/05/05

Verbal plugging

Permission granted on:

Rotary Cable Rig

Total Depth (feet): 3897

Fresh water depths (ft): 78', 185'

Salt-water depths (ft): 490', 645'

Is coal being mined in area? (Y/N) No

Coal Depths (ft):

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AUG 29 2005

WV Department of
Environmental Protection

Open Flow Data

Gas: Initial open flow	<u>198</u>	MCF/d	Oil: Initial open flow	<u>0</u>	Bbl/d
Final open flow	<u>246</u>	MCF/d	Final open flow	<u>0</u>	Bbl/d
Time of open flow between initial and final tests			<u>1</u>	Days	
Static rock pressure			<u> </u>	psi (surface pressure) after <u> </u> Hours	
1 st Producing Formation	<u>Devonian Shale</u>		Pay zone depth (ft)	<u>2658'- 3776'</u>	
2 nd Producing Formation	<u>Berea</u>		Pay zone depth (ft)	<u>2088'- 2185'</u>	
3 rd Producing Formation	<u>Big Lime</u>		Pay zone depth (ft)	<u>1567'- 1585'</u>	
4 th Producing Formation	<u>Maxton</u>		Pay zone depth (ft)	<u>1373'- 1383'</u>	

Boo 1928

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 WELL BORE.

John Paletti, AGENT *John M. Paletti*
For: EASTERN AMERICAN ENERGY CORPORATION

By: Designated Agent
Date: 15 Aug 2005

NOV 04 2005

FORMATION COLOR, HARD OR SOFT	TOP FEET	BOTTOM FEET
Fill	0	4
Rock	4	25
Sand	25	70
Sand & Shale	70	185
Sand	185	333
Sand & Shale	333	419
Salt Sand	419	1060
Sand & Shale	1060	1225
Middle Maxton	1225	1265 ✓
Red Rock	1265	1341
Lower Maxton	1341	1392 ✓
Little Lime	1392	1422 ✓
Big Lime	1422	1646 ✓
Pocono	1646	2126 ✓
Sunbury Shale	2126	2161 ✓
Berea	2161	2187 ✓
Ohio Shale	2187	3311 ✓
Lower Huron	3311	3740 ✓
Java	3740	3897 ✓
TD	3897	

REMARKS
Including indication of all fresh &
salt water, coal, oil & gas

Hole damp @ 78'
Hole wet @ 185' 1/2" H2O
Hole damp @ 490'
1" H2O @ 645'
Gas Checks:
1439' - No Show
1750' - No Show
2278' - odor
3335' - No Show
3803' - No Show
TD' - odor
DC' - odor

Boo 1928

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STAGE ONE: Devonian Shale ⁴¹⁵ ⁸²²
68 Shots 2658' - 3776'
90-80 Q 48703 lbs
Foam sand 581.6 Mscf N2 118 bbls fluid

STAGE TWO: Berea
24 Shots 2088' - 2185
75Q 10# Linear 31489 lbs sand 302.8
Gel Mscf N2 130 bbls fluid

STAGE THREE: Big Lime
10 Shots 1567'-1585'
Acid Frac 2000 gals 20 % gelled HCl

STAGE Four: Maxton
36 Shots 1373'-1383'
Could not Breakdown

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Office of Oil & Gas

AUG 29 2005

WV Department of
Environmental Protection

NOV 04 2005