

W.B. MAXWELL LEASE 2400 ACRES± WELL NO. 7

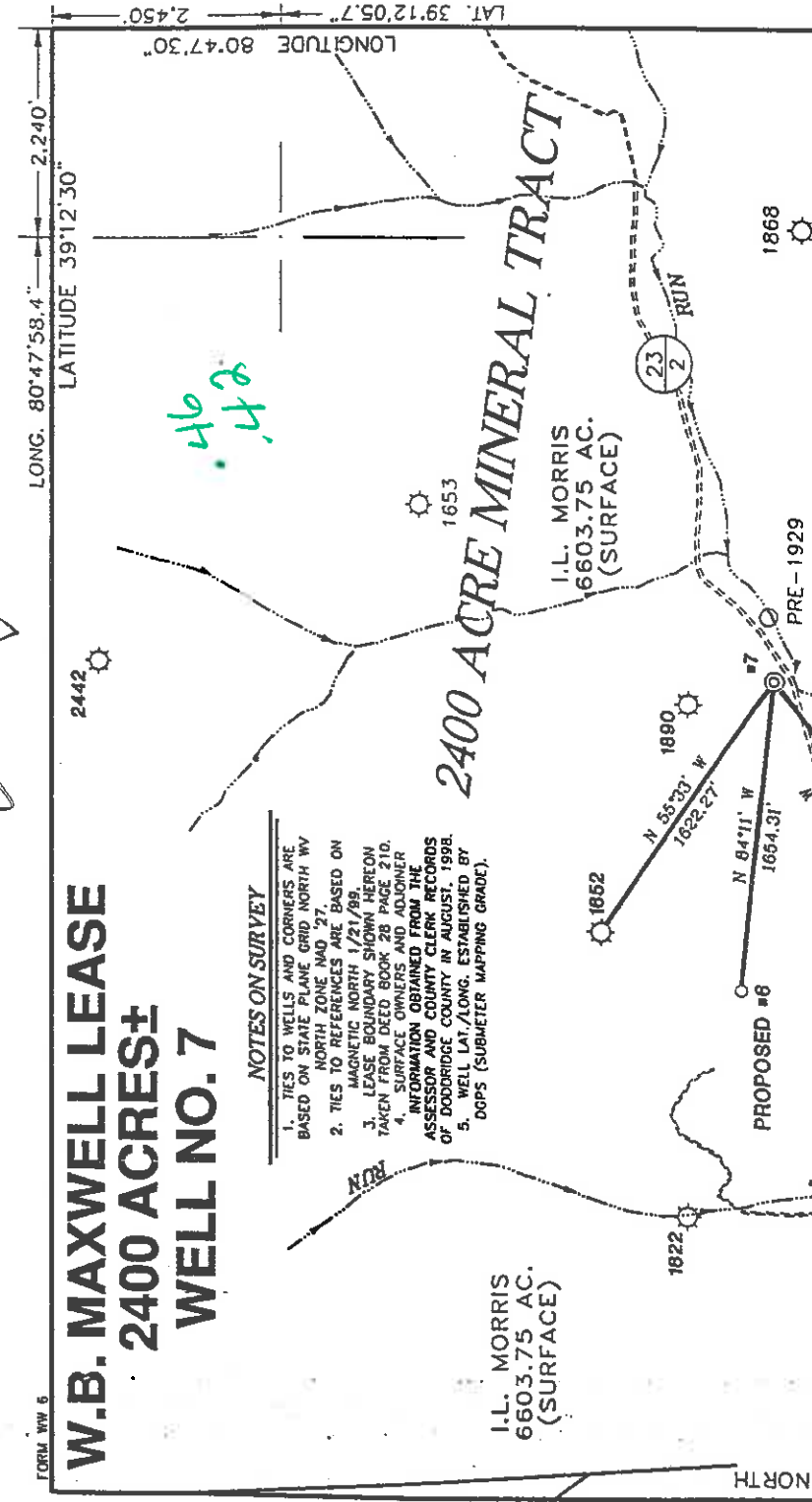
NOTES ON SURVEY

- TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27.
- TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 1/21/85.
- LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 28 PAGE 210.
- SURFACE OWNERS AND ADJOINER INFORMATION OBTAINED FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN AUGUST, 1998.
- WELL LAT./LONG. ESTABLISHED BY DOPS (SUBMETER MAPPING GRADE).

I.L. MORRIS
6603.75 AC.
(SURFACE)

2400 ACRE MINERAL TRACT

I.L. MORRIS
6603.75 AC.
(SURFACE)

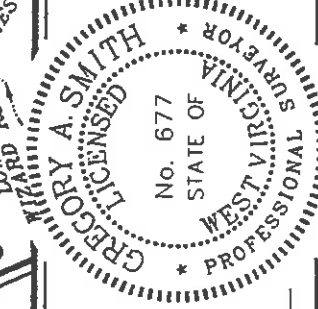


LONG. 80°47'58.4"

LATITUDE 39°12'30"

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 ENERGY.

P.S. Gregory A. Smith
677



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

DATE FEBRUARY 26, 19 99

OPERATORS WELL NO. W.B. MAXWELL #7

API WELL NO. 47-017-04515 PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 3959P7 (68-77)

PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS ELEVATION 886' SCALE 1" = 1000'

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

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

LOCATION : ELEVATION 925' WATERSHED BIG RUN OF SOUTH FORK HUGHES RIVER
DISTRICT SOUTHWEST COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5'
SURFACE OWNER I.L. MORRIS ACREAGE 6603.75
ROYALTY OWNER W.B. MAXWELL HEIRS ET AL LEASE ACREAGE 2400
LEASE NO. _____
PROPOSED WORK :
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) Sub Brown TARGET FORMATION ALEXANDER
Miller + O'Connell, New, Colchester ESTIMATED DEPTH 5713' 5500'

WELL OPERATOR BLAZER ENERGY CORPORATION DESIGNATED AGENT RICHARD SMELTZER MAY 2 1999
ADDRESS P.O. BOX 2347 CHARLESTON, WV 25328 ADDRESS P.O. BOX 2347 CHARLESTON, WV 25328

Dodo

4515

6-6-133

WR-35

Oil and Gas

OCT 20 1999

17-May-99

API # 47-

017-04515

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

Reviewed

Well Operator's Report of Well Work

Farm Name: MORRIS, I.L.

Operator Well No.: MAXWELL 7

LOCATION: Elevation: 925.00

Quadrangle: OXFORD

District: SOUTHWEST

County: DODDRIDGE

Latitude: 2450

Feet South of

39 DEG. 12 MIN. 30 SEC.

Longitude: 224

Feet West of

80 DEG. 47 MIN. 30 SEC.

Company: BLAZER ENERGY CORPORATION
P.O. BOX 2347
CHARLESTON, WV 25328

Agent: Richard Smeltzer

Inspector: MIKE UNDERWOOD

Permit Issued: 5/17/99

Well work commenced: 8/21/99

Well work completed: 9/15/99

Verbal Plugging

Permission granted on:

Rotary Rig X Cable Rig

Total Depth 5013 feet

Fresh water depths (ft)

Salt water depths (ft) 1145'

Is coal being mined in area?

Coal Depths (ft):

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11-3/4"	33'	33'	GRTD
8-5/8"	956'	956'	344 ft ³
4-1/2"	4990'	4990'	664 ft ³

OPEN FLOW DATA

Producing formation Alexander, Riley, Balltown, Warren/Speechley

See

Gas: Initial open flow 47 MCF/d

Final open flow: 126 MCF/d

Time of open flow between initial and final tests

Static rock pressure 1400 psig (surface pressure) after

Pay Zone Depth (ft):

Bbl/d

Reverse

Second producing formation

Gas: Initial open flow

Final open flow: MCF/d

Time of open flow between initial and final tests

Static rock pressure psig (surface pressure) after

Pay Zone Depth (ft):

Bbl/d

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 WELLBC

For: BLAZER ENERGY CORPORATION

By: Barbara A. Underwood
Date: 10-19-99

Admin. Assist. Dubey

Dood 4515

OCT 25 1999

EASTERN STATES OIL & GAS, INC.
WR-35 COMPLETION REPORT - Attachment
Well Treatment Summary

Well: MAXWELL 7

API# 47-017-04515

Date	9/14/99	9/14/99	9/14/99	9/14/99	9/14/99
Type Frac Acid, N ₂ , Foam, Water	30# Linear Gel	30# Linear Gel	30# Linear Gel	30# Linear Gel	
Zone Treated	Alexander	Riley	Balltown	Warren/ Speechley	
# Perfs	17	19	16	17	
From - To:	4574-4910	4394-4404	3698-4153	2970-3092	
BD Pressure @ psi	1600	2680	2141	2622	
ATP psi	2207	2818	2762	2130	
Avg. Rate, B=B/M, S=SCF/M	32.1 B	30.8 B	30.4 B	31.6 B	
Max. Treat Press psi	2550	4000	2927	2250	
ISIP psi	1050	1200	1150	1120	
Frac Gradient	.65	.70	.73	.80	
10 min S-I Pressure	1088	NA	1052	937	
Material Volume					
Sand-sks	450	185	50-80/100 273-20/40	400	
Water-bbl	563	461	646	550	
SCF N ₂					
Acid-gal	500 gal 20%	500 gal 20%	500 gal 20%	500 gal 20%	
NOTES:		Screen Out- did not get flushed	Lost fluid-cut sand early		

Formation	Top Depth	Bottom Depth	Comments
Sand & Shale			Hole Damp @ 445'.
Sandstone	920	960	
Shale	960	1068	
Sandstone	1068	1100	
Shale	1100	1344	Hole Damp @ 1145'.
Sandstone	1344	1370	
Shale	1370	1442	
Sandstone	1442	1472	
Shale	1472	1508	GT 1481'=88 mcf/d
Little Lime	1508	1520	
Big Lime	1520	1669	
Injun	1669	1716	GT 1694'=75 mcf/d
Shale	1716	1872	GT 1783'=79 mcf/d
Weir Sand	1872	1984	
Shale	1984	2958	GT 2065'=48 mcf/d, 2587'=75 mcf/d
Sand	2958	3094	GT 3084'=75 mcf/d
Shale	3094	4393	GT 3576=49 mcf/d, 4102'=52 mcf/d
2nd Riley	4393	4406	
Shale	4406	4820	GT 4629'=67 mcf/d
Alexander	4820	4914	
Shale	4914	5013	TD GT 5013'=47 mcf/d