

# W.B. MAXWELL LEASE 2400 ACRES± WELL NO. 6

LONG. 80°48'19.4" LATITUDE 39°12'30"

LONGITUDE 80°47'30" LAT. 39°12'07.1"

### NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD 27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 2/24/99.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 28 PAGE 210.
4. SURFACE OWNERS AND ADJOINER INFORMATION OBTAINED FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIE COUNTY IN AUGUST, 1998.
5. WELL LAT./LONG. ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).

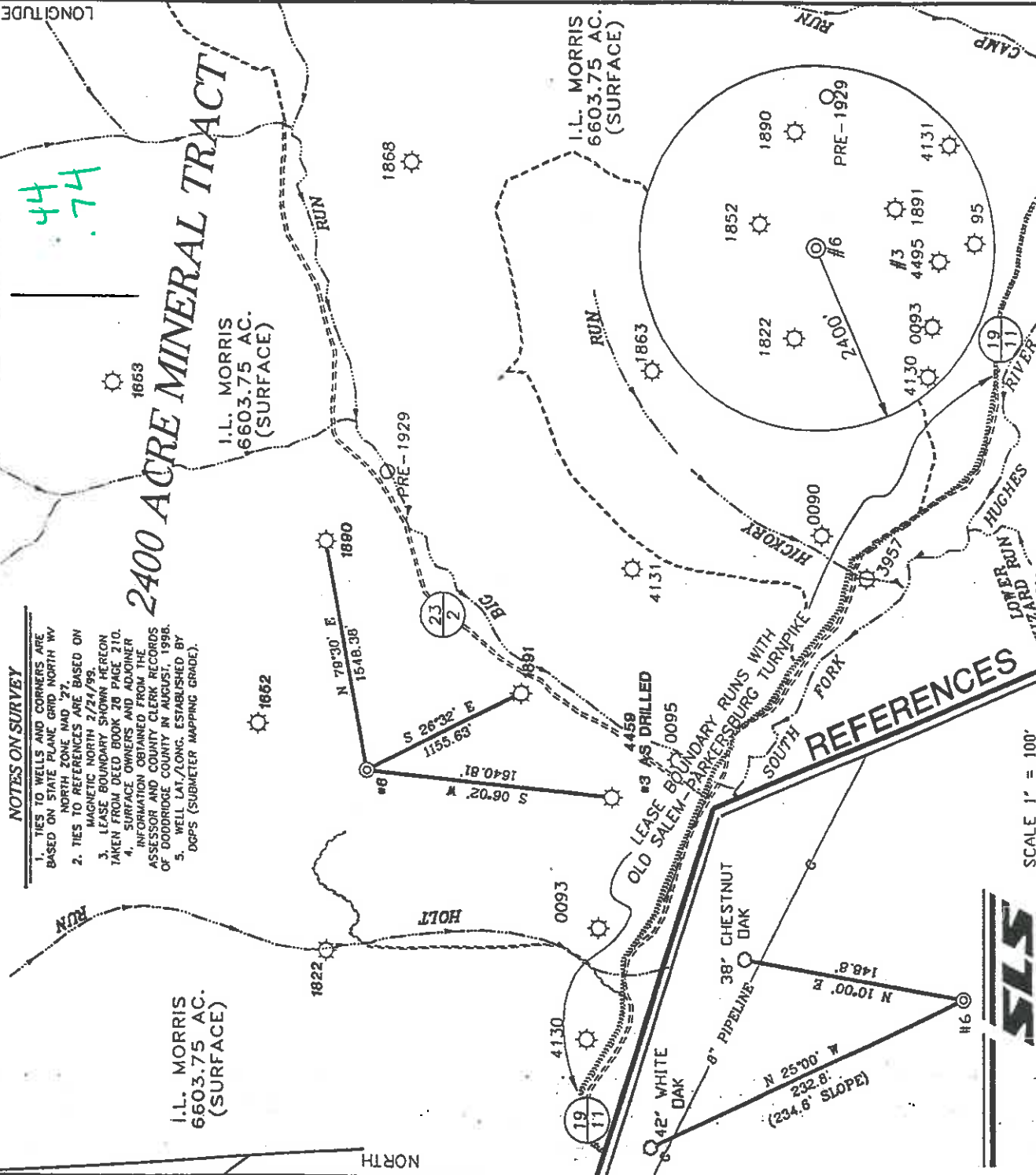
44  
74

## 2400 ACRE MINERAL TRACT

I.L. MORRIS  
6603.75 AC.  
(SURFACE)

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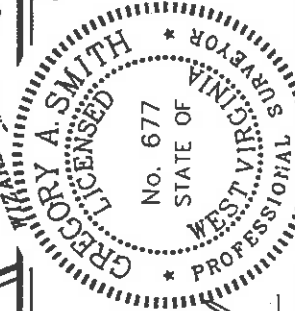
I.L. MORRIS  
6603.75 AC.  
(SURFACE)



### 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 DEPARTMENT OF ENERGY.

P.S. *Gregory A. Smith*  
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(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE FEBRUARY 26, 19 99  
 OPERATORS WELL NO. W.B. MAXWELL #6  
 API WELL NO. 47-017-04514  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 3959P6 (68-72)  
 PROVEN SOURCE SCALE 1" = 1000'  
 OF ELEVATION JUNCTION OF ROADS ELEVATION 886'



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

LOCATION : ELEVATION 1220' WATERSHED HOLT RUN OF SOUTH FORK HUGHES RIVER  
 DISTRICT SOUTHWEST COUNTY DODDRIE QUADRANGLE OXFORD 7.5'  
 SURFACE OWNER I.L. MORRIS ACREAGE 6603.75  
 ROYALTY OWNER W.B. MAXWELL HEIRS ET AL LEASE ACREAGE 2400

PROPOSED WORK :  
 DRILL \_\_\_ X \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ X \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_ OTHER \_\_\_  
 PHYSICAL CHANGE IN WELL (SPECIFY *Swarm, Wellbore*) TARGET FORMATION ALEXANDER  
*Water by Stryker / New Ballbar / July* ESTIMATED DEPTH ~~1000~~ *1000*

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

DODD COUNTY NAME 4514 PERMIT

6-6 133



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

Well: Maxwell 6

API# 47-017-04514

Date	09/17/99	09/17/99	09/17/99	09/17/99
Type Frac Acid, N <sub>2</sub> , Foam, Water	30# Linear Gel	30# Linear Gel	30# Linear Gel	30# Linear Gel
Zone Treated	Alexander	Benson/Riley	Ballown	Warren/Spechly
# Perfs	18	20	17	19
From - To:	5158-5179	4701-5083	3751-4465	3250-3405
BD Pressure @ psi	1800	2170	2240	NA
ATP psi	2005	2323	2494	2000
Avg. Rate, B=B/M, S=SCF/M	35.6 B	32.3 B	31.5 B	33.2 B
Max. Treat Press psi	2218	3350	2700	2180
ISIP psi	970	1100	1000	950
Frac Gradient	.62	.66	.68	.72
10 min S-I Pressure	NA	930	895	860
Material Volume				
Sand-sks	40,000	3500 80/100 38,000 20/40	7500 80/100 39,000 20/40	40,000
Water-bbl	567	785	640	476
SCF N <sub>2</sub>				
Acid-gal	Screen Out	1000 gal 19%	1000 gal 18%	1000 gal 18%
NOTES:				

TOP	BASE	FORMATION	REMARKS
0	4	Fill	
4	15	Shell	
15	28	Sand	
28	46	RR/Shale	
46	120	Sand	
120	200	Shale/RR	
200	292	Sand/Shale	
292	350	RR	
350	530	Sand Shale	
530	610	Sand	
610	617	Sand Shale	
617	700	RR/Shell	
700	864	Sand Shale	
864	895	Sand	
895	985	Sand Shale	
985	1023	Sand	
1023	1269	Sand/Shale/RR	
1269	1306	Sand Shale	
1306	1321	Sandstone	
1321	1378	Shale	
1378	1390	Sandstone	
1390	1736	Shale	
1736	1764	Sandstone	
1764	1825	Shale	
1825	1884	Little Lime	
1884	1999	Big Lime	
1999	2020	Injun	
2020	2178	Shale	
2178	2290	Weir Sand	
2290	5120	Shale	
5120	5211	Alexander	
5211	5378	Shale	

1/2" stream water @ 75'

GT from 1300-1725'=NS, GT @ 1877', 1999', 2406',  
 2900', 3595'=30 mcf/d

GT @ 3924', 4416'=47 mcf/d, 4912'=67 mcf/d,

TD, GT=33 mcf/d.

