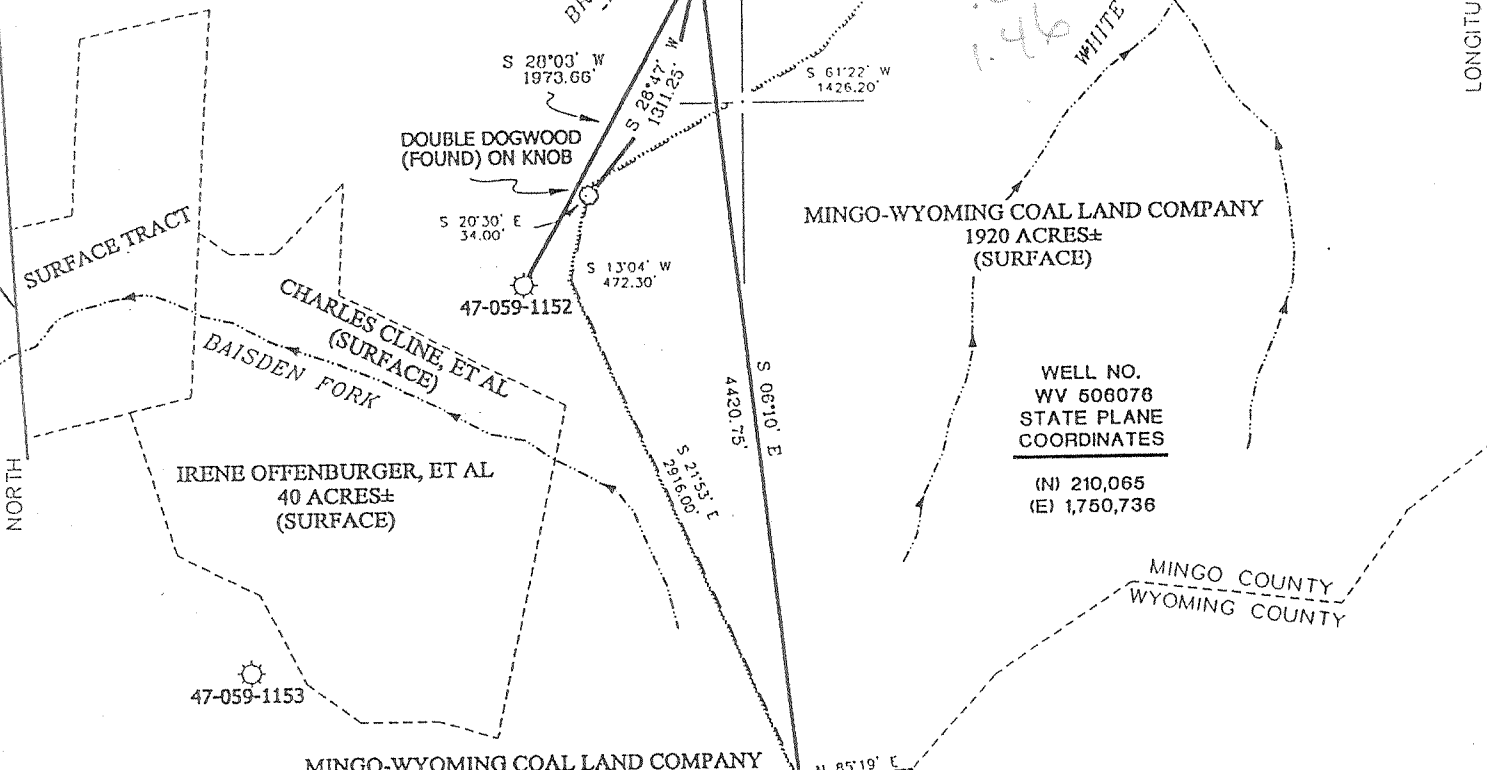


MINGO-WYOMING COAL LAND CO. LEASE

2820.39 OF 4048.59 ACRES±

WELL NO. WV 506076



NORTH

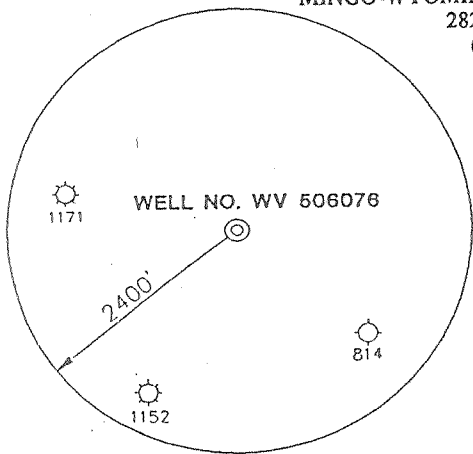
LONGITUDE 81°50'00"
3.500'
LAT. 37°34'25.4"

MINGO-WYOMING COAL LAND COMPANY
2820.39 ACRES±
(SURFACE)

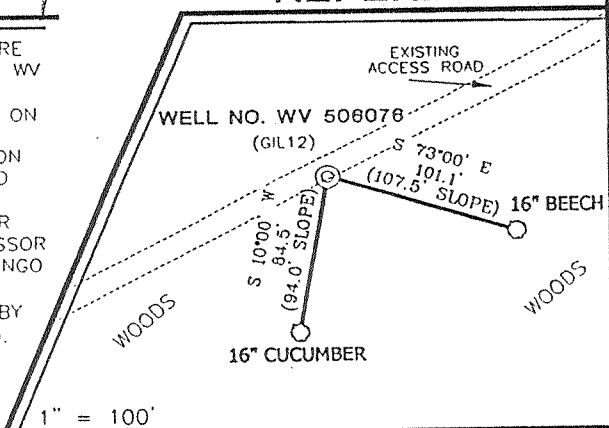
ROOF BOLT
(FOUND) ON KNOB

NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 02-09-01.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM MINGO COUNTY DEED BOOK 42 ON PAGE 523
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MINGO COUNTY IN NOVEMBER, 2000.
5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



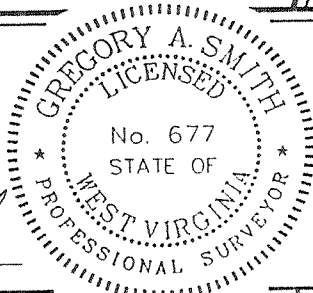
REFERENCES



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. 677

Gregory A. Smith



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

DATE FEBRUARY 20, 20 01

OPERATORS WELL NO. WV 506076

API WELL NO. 47 - 059 - 01415
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 4229P506076 (103-10)

PROVEN SOURCE OF ELEVATION BENCH MARK ELEVATION 858' SCALE 1" = 1000'

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



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

LOCATION : ELEVATION 1376' WATERSHED NEDS BRANCH

DISTRICT STAFFORD COUNTY MINGO QUADRANGLE GILBERT 7.5'

SURFACE OWNER MINGO-WYOMING COAL LAND COMPANY ACREAGE 2820.39±

ROYALTY OWNER MINGO-WYOMING COAL LAND COMPANY LEASE ACREAGE 2820.39 OF 4048.59±

PROPOSED WORK : LEASE NO. 80599

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 5810'

WELL OPERATOR EQUITABLE PRODUCTION - EASTERN STATES, INC. DESIGNATED AGENT STEPHEN G. PERDUE

ADDRESS P.O. BOX 2347 CHARLESTON, WV 25328 ADDRESS P.O. BOX 2347 CHARLESTON, WV 25328

MINGO COUNTY NAME PERMIT 1415

DEEP WELL

6-6 271

MAR 26 2001

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

Reviewed ALB

Well Operator's Report of Well Work

Farm Name: Mingo-Wyoming Coal Operator Well No.: 506076

LOCATION: Elevation: 1,376.00 Quadrangle: Gilbert
District: Stafford County: Mingo

Latitude: 3500 Feet South of Deg. 37 Minutes 35 Seconds 0
Longitude: 7730 Feet West of Deg. 81 Minutes 50 Seconds 0

Company: EQUITABLE PRODUCTION COMPANY
P.O. Box 2347, 1710 Pennsylvania Avenue
Charleston, WV 25328

Agent: Steve Perdue

Inspector: Ofie Helmick
Permit Issued: 03/28/2001
Well work commenced: 04/28/01
Well work completed: 05/23/01

Verbal Plugging
Permission granted on:
Rotary Rig X Cable Rig _____

Total Depth 5774' feet
Fresh water depths (ft) 138'

Salt water depths (ft) 2432'

Is coal being mined in area?
Coal Depths (ft): 104', 214'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
13-3/8"	43'	43'	Grtd
9-5/8"	320'	320'	130 FT ³
7"	1692'	1692'	334 FT ³
4-1/2"	5763'	5763'	570 FT ³

OPEN FLOW DATA

Producing formation L. Shale, U. Shale, Berea, Big Lime Pay Zone Depth (ft): See Attach for details

Gas: Initial open flow 21 Bbl/d
 Final open flow 2376 Final open flow: _____
 Time of open flow between initial and final tests _____ Hours
 Static rock pressure 670 psig (surface pressure) after _____ Hours

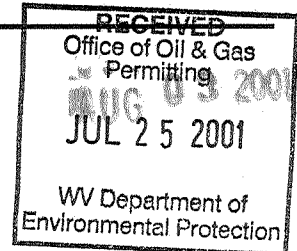
Second producing formation Pay Zone Depth (ft): _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow: _____ MCF/d Final open flow: _____
 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: BLAZER ENERGY CORPORATION

By: [Signature]
Date: 7/18/01



MINGO 1415

**EQUITABLE PRODUCTION COMPANY
WR-35 COMPLETION REPORT - Attachment
Well Treatment Summary**

Well: WV-506076-Mingo-Wyoming

API# 47-059-01415

Date	5/17/2001	5/17/2001	5/17/2001	5/18/2001		
Type Frac Acid, N ₂ , Foam, Water	N ²	N ²	N ²	Acid		
Zone Treated	L. Shale	U. Shale	Berea	Big Lime		
# Perfs	40	30	21	20		
From - To:	4841-5680	3832-4770	3712-3732	2873-3080		
BD Pressure @ psi	3136	2342	2371	2221		
ATP psi	2930	2354	2057	2794		
Avg. Rate, B=B/M, S= SCF/M	49,500 S	52,427 S	52,130 S	8 B		
Max. Treat Press psi	3185	2500	2469	3405		
ISIP psi	2204	1878	1464	900		
	Final	Final	Final			
Frac Gradient	.55	.51	.45	.77		
10 min S-I Pressure	1754	1313	1098	2319		
Material Volume						
Sand-sks						
Water-bbl						
SCF N ₂	865,566	771,325	610,625	87,066		
Acid-gal	1000 gal 7.9%	800 gal 7.9%	350 gal 14.6%	3000 gal 14.9%		
NOTES:						

TOP	BASE	FORMATION	REMARKS*
0	30	Fill	
30	104	Sand Shale	
104	108	Coal	
108	214	Sand Shale	Hole damp @ 138'
214	219	Coal	
219	280	Sand	
280	314	Shale	
314	639	Sand	
639	871	Sand Shale	
871	898	Red Rock	
898	1062	Salt Sand	
1062	1211	Shale	
1211	1465	Sand	
1465	1672	Sand Shale	
1672	1782	Ravenclyff	
1786	1802	Avis	
2047	2170	U Maxton	GT @ 2000', 2404'=NS
2307	2479	M Maxton	Hole damp @ 2432'
2611	2640	L Maxton	
2686	2750	L Lime	GT @ 2746', 2933'=NS
2755	3128	Big Lime	
3227	3362	Weir	GT @ 3212'=odor
3685	3712	Sunbury	GT @ 3700'=odor
3712	3742	Berea	
3985	4025	Gordon	GT @ 3907 & 4716'=21 mcf/d
4723	5163	L Huron	
4742	4801	L Huron <i>siltstone</i>	
5163	5296	Java	GT @ 5214'=33 mcf/d
5296	5517	Angola	GT @ 5494'=21 mcf/d
5517	5747	Rhinestreet	
5747		Onondaga	
5774		TD	GT @ DC's=15 mcf/d

RECEIVED
Office of Oil & Gas
Permitting

JUL 25 2001

WV Department of
Environmental Protection