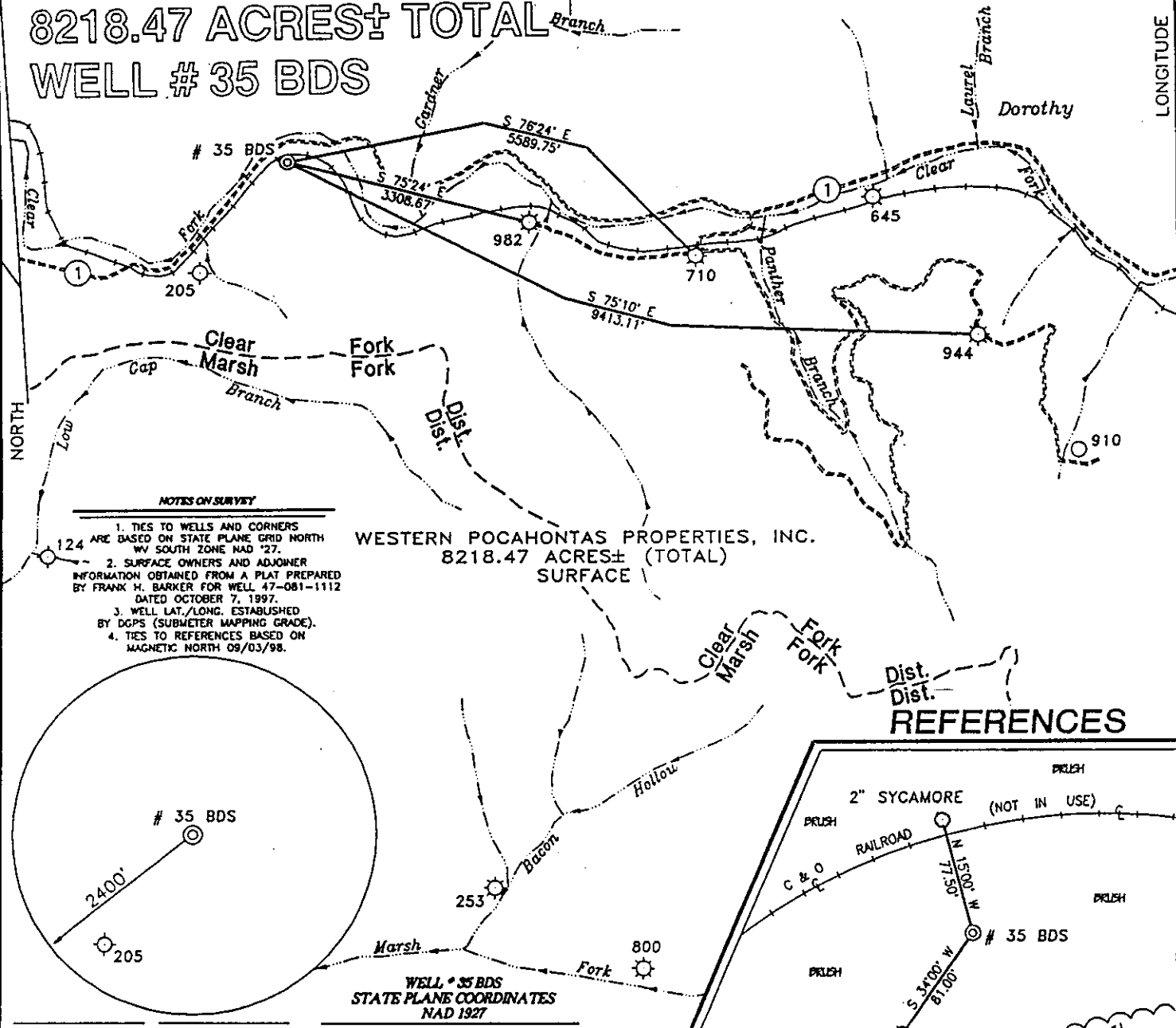


WESTERN POCAHONTAS PROPERTIES DOROTHY LEASE 8218.47 ACRES± TOTAL WELL # 35 BDS

LONGITUDE 81°27'30"

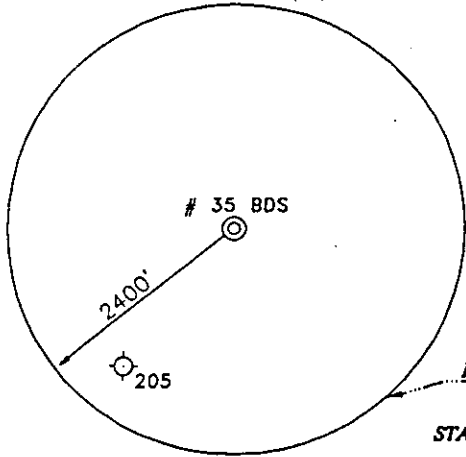
LAT. 37°57'29.1" - 80"



NOTES ON SURVEY

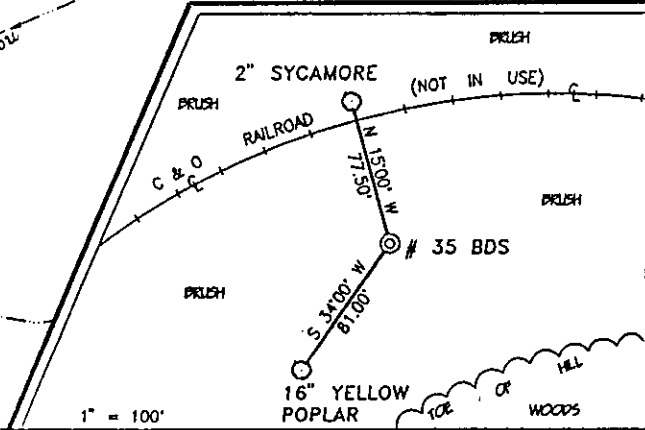
1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV SOUTH ZONE NAD '27.
2. SURFACE OWNERS AND ADJONER INFORMATION OBTAINED FROM A PLAT PREPARED BY FRANK H. BARKER FOR WELL 47-081-1112 DATED OCTOBER 7, 1997.
3. WELL LAT./LONG. ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).
4. TIES TO REFERENCES BASED ON MAGNETIC NORTH 09/03/98.

WESTERN POCAHONTAS PROPERTIES, INC.
8218.47 ACRES± (TOTAL)
SURFACE

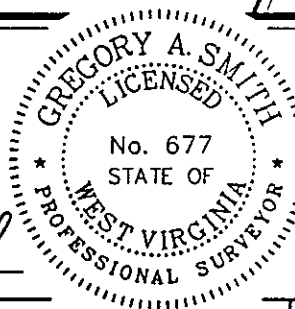


WELL # 35 BDS
STATE PLANE COORDINATES
NAD 1927

N: 349224.5
E: 1859897.4



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 OCTOBER 8, 19 98
OPERATORS WELL NO. # 35 BDS
API WELL NO. 47-081-01156
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 4058P35 (35-39)
PROVEN SOURCE OF ELEVATION EXISTING WELL # 30 BDS ELEVATION 1009'
SCALE 1" = 2000'

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 935' WATERSHED CLEAR FORK
DISTRICT CLEAR FORK COUNTY RALEIGH QUADRANGLE DOROTHY 7.5'
SURFACE OWNER WESTERN POCAHONTAS PROPERTIES, LTD. ACREAGE 8218.47
ROYALTY OWNER TOTAL MINATOMO CORP. LEASE ACREAGE 8218.47
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 GORDON ; SHALE
ESTIMATED DEPTH 4675'

WELL OPERATOR PEAKE ENERGY, INC. DESIGNATED AGENT TOM LIBERATORE NOV 09 1998
ADDRESS P.O. BOX 8 RAVENSWOOD, WV 26164 ADDRESS P.O. BOX 8 RAVENSWOOD, WV 26164

COUNTY NAME

PERMIT

WR-35
RECEIVED
 Office of Oil and Gas
FEB 09 1999
 WV DIVISION
 Environmental Protection

Jan. 27, 1999
 API# 47- 81- 01156

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

Well Operator's Report of Well Work

Farm Name: WESTERN POCAHONTAS PROP Operator Well No.: DOROTHY 35 BDS
 LOCATION: Elevation: 935.00 Quadrangle: DOROTHY
 District: CLEAR FORK
 Latitude: 80 Feet South of 37 Deg 57 Min 30 Sec
 Longitude: 7,940 Feet West of 81 Deg 27 Min 30 Sec

Company: PEAKE ENERGY, INC.
 P. O. BOX 8
 RAVENSWOOD, WV 26164-0008

Agent: THOMAS S. LIBERATORE

Inspector: RODNEY DILLON
 Permit Issued: 11/4/98
 Well Work Commenced: 11/6/1998
 Well Work Completed: 11/11/1998
 Verbal Plugging: N/A
 Permission Granted on: N/A
 Rotary x Cable Rig
 Total Depth (feet): 4687
 Fresh Water Depths (ft): N/A

Casing & Tubing Size	Used in Drilling	Left In Well	Cement Fill Up Cu. Ft.
9 5/8"	120	120	
7"	1280'	1280'	
4 1/2"	4624'	4624'	150 Class A

Salt Water Depths (ft): 425, 525, 670'
 Is coal being mined in the area (Y/N)? Y
 Coal Depths (ft): 30'

OPEN FLOW DATA

Producing formation GORDON Pay zone depth (ft)
 Gas: Initial open flow 0 MCF/d Oil: Intial open flow N/A Bbl/d
 Final open flow 500 MCF/d Final open flow N/A Bbl/d
 Time of open flow between initial and final tests N/A Hours
 Static rock pressure _____ psig (surface pressure) after _____ 24 Hours

Second produc ing formation Devonian Brown Shale Pay zone depth (ft)
 Gas: Initial open flow see Above* MCF/d Oil: Intial open flow N/A Bbl/d
 Final open flow see Above* MCF/d Final open flow N/A Bbl/d
 Time of open flow between initial and final tests see Above* Hours
 Static rock pressure see Above* psig (surface pressure) after see Above* Hours
 *Open flow and Rock Pressures are combined

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 FORMATION, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: PEAKE ENERGY, INC.

By:

Thomas S. Liberatore

Date:

2-2-99

RAL 1156

FEB 19 1999

WR-35
(Reverse)

January 25, 1999

API/Permit #:

'Peake' Well #: Dorothy 35 BDS
Elevation:

DETAILS OF PERFORATING, FRACTURING, OR PHYSICAL CHANGE, ETC.

12/14/98

Dowell on location: dump 12 BBL of 15% HCL acid in 4 1/2" casing. Fisher Well Surveys on location to Perforate Dev. shale. 30 Single: 3987, 4002, 4009, 4066, 4089, 4111, 4155, 4090, 4194, 4215, 4237, 4252, 4263, 4288, 4321, 4327, 4345, 4353, 4361, 4393, 4405, 4420, 4429, 4437, 4496, 4518, 4530, 4538, 4542 10 Double: 3948, 4041, 4132, 4176, 4233, 4270, 4306, 4389, 4400, 4414.

Total: 50 holes

Nitrogen Fracture Dev. Shale pumping N2 @ 50,000 SCF/min at cumulative total of 600,000 drip 30 perf balls and an additional 500 gallons of 15% HCL acid. Continue to pump to an overall N2 total of 1,200,000 SCF. Shut well in to Perforate Gordon

BHTP	SCF/BBL	Breakdown	2,312	ISIP.	
Max Pressure	Avg Pressure	,500 N2 PAD		Rate	50,000
Total N2	Total Sand	Total Fluid/BBL			
Foam %	V.Q. %	Fluid Type	Gel	Gel Concentration	15# per 1000

12/14/98

Frac Gordon: 2914-2922; 4 hrs/ft, 32 TOTAL HOLES Set Alpha Frac Plug @3000'. Pump variable % foam fracture in Berea at 28BBL/Min. Used 48,000# of 20/40 sand. 500 gallons of 15% HCL acid, pumped with 3 3/4" frac ball. 380,000 SCF of N2. 149 BBL of gelled H2O; 16#/1000 gallons. Open at 1/4" choke

BHTP	SCF/BBL	Breakdown	1,585	ISIP.	1,400
Max Pressure	Avg Pressure	,650 N2 PAD		Rate	
Total N2	380,000	Total Sand	48,000	Total Fluid/BBL	149
Foam %	V.Q. %	Fluid Type	Gel	Gel Concentration	15# per 1000

WEST VIRGINIA RALEIGH

* PERMIT 1156

PEAKE ENERGY
35 BDS WESTERN POCAHONTAS
EL: 935 GR

API 47-081-21156

37.57.30 81.27.30
80 S 7940 W
WD DG (GAS)
HOPKINS FORK-JARROLD VALLEY

SPUD: 11/06/98 **COMP:** 11/11/98 **PROJ DEPTH/FM:** 4675 GORDON

CONTR: COGASCO DRLG RIG # 4 (R)
DTD: 4687 **FM/TD:** DEVONIAN **PBTD:** 4624 (11/10/98)

**COMP 11/11/98, IPF 500 MCFGPD PROD ZONE - GORDON 2914-2922 DEVONIAN SH
3948-4542(GROSS) COMMINGLED**

LOC DESC: CLEAR FORK DIST; DOROTHY 7.5 QUAD; 8218 AC LSE; HOPKINS FORK-JARROLD VALLEY
FLD(BEREA) 1/2 MI S DOROTHY,WV; LAT: 3795811 LONG: 8148587

CASING: 9 5/8 @ 120, 7 @ 1280, 4 1/2 @ 4624 W/150 SX;

DRLG SHOWS: 425-425 SWTR 525-525 SWTR 670-670 SWTR 30-30 COAL

PRODUCING INTERVAL: **PERF** (GORDON) 2914-2922 W/32 SHOTS, **PERF** (DEVONIAN SH) 3948-4542
W/80 SHOTS GROSS, 3948, 3987, 4002, 4009, 4041, 4066, 4089, 4111, 4132, 4155, 4176, 4190, 4194, 4215,
4233, 4237, 4252, 4263, 4270, 4288, 4306, 4321, 4327, 4345, 4353, 4361, 4389, 4393, 4400, 4405, 4414,
4420, 4429, 4437, 4496, 4518, 4530, 4538, 4542, DOUBLE SHOTS @ 3948, 4041, 4132, 4176, 4233, 4270,
4306, 4389, 4400, 4414 **NAF** (3948-4542) W/500 GALS, 1250000 SCF 30 **PERF** BALLS 15 # GELA 15% HCL
AIR 50 BPM, ATP 500, FBRKP 2312, **SWFR** (2914-2922) W/149 BBLs, 48000 LBS SAND, 380000 SCF 15 #
GELA ATP 650, FBRKP 1585 ISIP 1400, **ACID** (2914-2922) W/500 GALS, 15% HCL 3 3/4" FRAC BALL ,
OPER ADD: BOX 8, RAVENSWOOD, WV, 26164;

COPYRIGHT 1999 PETROLEUM INFORMATION/DWIGHTS LLC

DATE 03/10/99CARD # 00046-AB