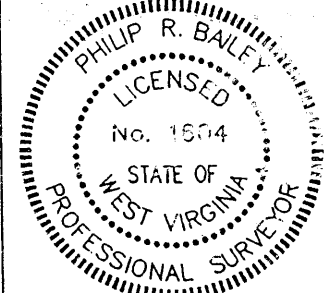


FILE NO. XL319
 DRAWING NO. T16PLAT.DWG
 SCALE: 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 : 2500
 PROVEN SOURCE OF ELEVATION USGS BM S. OF JAILHOUSE HOL. ELEV:1773'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) Philip R. Bailey
 R.P.E. _____ R.P.S. X



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

DATE FEBRUARY 5 19 99
 OPERATOR'S WELL NO. POCA LAND T-16

API WELL No. 47 - 047 - 01403
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 2242.19' WATER SHED JAILHOUSE HOL. OF JACOBS FORK
 DISTRICT BIG CREEK COUNTY McDOWELL
 QUADRANGLE TAZEWELL NORTH, VA-WVA.

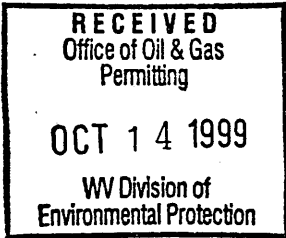
SURFACE OWNER POCAHONTAS LAND CO. ACREAGE 899.66 OF 19,500
 OIL & GAS ROYALTY OWNER POCAHONTAS LAND CO. LEASE ACREAGE 19,500
 LEASE NO. _____

PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 6-60

PLUG AND ABANDON CLEAN OUT AND REPLUG **JUL 19 1999**
 TARGET FORMATION BEREA ESTIMATED DEPTH 6500'
 WELL OPERATOR CABOT OIL & GAS DESIGNATED AGENT JOHN ABSHIRE
 ADDRESS RT 60E & 3RD ST P.O. BOX 454 GLASGOW WEST VIRGINIA 25086 ADDRESS P.O. BOX 454 GLASGOW, WV 25086

Mc Dow 1403

WR-35



Date: 30-Sept-99
 API # 47-047-01403

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

Reviewed _____

Farm name: Pocahontas Land Corp.

Operator Well No.: Pocahontas Land T-16

LOCATION: Elevation: 2,242' Quadrangle: Tazewell North
 District: Big Creek County: McDowell
 Latitude: 8,650 feet South of 37 DEG. 15 MIN. 0 SEC.
 Longitude: 8,750 feet West of 81 DEG. 32 MIN. 30 SEC.

Company: Cabot Oil & Gas Corporation
400 Fairway Drive: Suite 400
Coraopolis, PA 15108-4308

Agent: John Abshire
 Inspector: Ofie Helmick
 Permit Issued: 7/14/99
 Well Work Commenced: 9/9/99
 Well Work Completed: 9/24/99
 Verbal Plugging _____
 Permission granted on: _____
 Rotary Cable _____
 Total Depth (feet) 4016'
 Fresh Water Depths (ft) _____
 Salt Water Depths (ft) _____
 Is coal being mined in area (Y / N)? _____
 Coal Depths (ft) 313'-315' (open)

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill up Cu. Ft.
12-3/4"	20'	20'	
9-5/8"	356.8'	356.8'	110 sks Class "A"
7"	1116'	1116'	225 sks Class "A"
4-1/2"	4022.4'	4022.4'	80 sks RFC

OPEN FLOW DATA

Producing formation Big Lime Pay zone depth (ft) 3886' - 3896'
 Gas: Initial open flow TSTM MCF/d Oil: Initial open flow N/A Bbl/d
 Final open flow 163 MCF/d Final open flow N/A Bbl/d
 Time of open flow between initial and final tests 24 Hours
 Static rock pressure 650 Psig (surface pressure after 73 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 _____ Bbl/d
 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: CABOT OIL & GAS CORPORATION

By: Ray Prudnick Jr.
 Date: 10-8-99

OCT 25 1999

MCDOW 1403

OPEN FLOW DATA

Perf'd Big Lime from 3886'-3896'. Broke down with 250 gals HCl acid @ 1218 psi. ISIP: 1547 psi. Calc BHTP: 3230 psi. Displaced with 20 bbls H₂O @ 10 bpm. Acidized with 190 bbls 15% gelled acid @ 5 bpm. Flushed with 93 bbls of H₂O @ 5 bpm. ATP: 1173 psi. ISIP: 808 psi.

FORMATION	TOP	BOTTOM	REMARKS
Silt/Shale	0	824	
Shale	824	1488	
RV	1488	1740	
Shale	1740	1870	
Avis	1870	1920	
Shale	1920	2342	
Maxton	2342	2366	
Silt/Shale	2366	2890	
Maxton	2890	2912	
Silt/Shale	2912	3090	
Maxton	3090	3100	
Shale	3100	3222	
Big Lime	3222	3345	
Shale	3345	3470	
Big Lime	3470	4016 - TD	