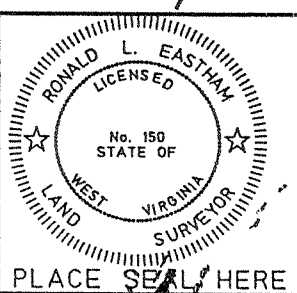


West Virginia State Plane Coordinates for Loc. No. 18	
Bottom of Hole	
N 419,185.59	: E 1,578,982.15
Top of Hole	
N 419,525.94	: E 1,579,419.68

NOTES:
 All known oil & gas wells within 3000' of the proposed location are shown hereon.
 The bearings and distances shown hereon are based on the West Virginia State Plane Coordinate System, South Zone NAD '27.

FILE NO. 4955 WW
 DRAWING NO. 18WW6
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 : 19,328
 PROVEN SOURCE OF ELEVATION U.S.C.&G.S. BM "C-149"
Elev. = 647.21 NGVD '29

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 THE LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.
 (SIGNED) Ronald L. Eastham
 R.P.E. _____ L.L.S. 150



STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
CHARLESTON, WV

DATE April 2, 2007
 OPERATOR'S WELL NO. 18
 API WELL NO. 47-099-02047
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 942.46 WATER SHED West Fork of Twelvepole Creek
 DISTRICT Butler COUNTY Wayne
 QUADRANGLE Wayne

SURFACE OWNER Jerry Saulton (D.B. 478, Pg. 626) ACREAGE 49.50 Ac. (T.M. 23, Par. 36)
 OIL & GAS ROYALTY OWNER Columbia Natural Resources, Inc. LEASE ACREAGE 5000
 LEASE NO. 47-11205

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

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___

TARGET FORMATION Big Six ESTIMATED DEPTH 4275'
 WELL OPERATOR Cabot Oil & Gas Corp. DESIGNATED AGENT John Abshire
 ADDRESS 900 Lee Street East, Suite 500 ADDRESS 900 Lee Street East, Suite 500
Charleston, WV 25301 Charleston, WV 25301

FORM WW-6

COUNTY NAME WAYNE
 PERMIT 2047

DEEP WELL

6-6 353

JUL 13 2007

DEEP

Date: December 18, 2001

API # 47-099-02047

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

Reviewed ALB

Farm name: Jerry Saulton

Operator Well No.: CNR #18

LOCATION: Elevation: 942' Quadrangle: Wayne
District: Butler County: Wayne
Latitude: 8,995 feet South of 38 DEG. 10 MIN. 0 SEC.
Longitude: 1,630 feet West of 82 DEG. 27 MIN. 30 SEC.

Company: Cabot Oil & Gas Corporation
900 Lee Street East, Suite 500
Charleston, WV 25301

Agent: John Abshire
Inspector: Dave Belcher
Permit Issued: 7/11/01
Well Work Commenced: 10/2/01
Well Work Completed: 1/4/02
Verbal Plugging
Permission granted on:
Rotary X Cable
Total Depth (feet) 4273' MD
Fresh Water Depths (ft) 99', 351'
Salt Water Depths (ft) 1140'
Is coal being mined in area (Y/N)?
Coal Depths (ft) 380'-382', 445'-449'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill up Cu. Ft.
16"	36'	36'	
9-5/8"	672'	672'	300 sks
7"	1863'	1863'	300 sks
4-1/2"		4224'	115 sks Latex
2-3/8"		4087'	

Office of Oil & Gas
Permitting
JAN 25 2002
WV Department of Environmental Protection

OPEN FLOW DATA

Producing formation BIG SIX Pay zone depth 4118' - 4127'
(ft)
Gas: Initial open flow 158 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 84 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 8 Hours
Static rock pressure 800 psig (surface pressure after 44 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 Rudnick Operations Manager
Date: 01/22/02

MAR 01 2002

MAY 2007

Perforated Big Six formation with 2 SPF (4118 - 4127') 19 holes.

Acidized Big Six with 15% MSR Acid, and N2 assist as follows: Breakdown:3950 psig, ISIP:3840 psig, Avg Treating:3559 psig, Max Treating:3872 psig, Final ISIP:3776 psig, 5-Min ISIP:3547 psig, 10-Min ISIP:3441 psig. Avg N2 Rate:4 - 5000 scfm, Total N2 Vol:217,000 scf. Total Fluid Vol:245 bbl, Avg Inj Rate:5 bpm, Max Inj Rate:5 bpm.

FORMATION	TOP	BOTTOM	REMARKS
Breathitt Fm	Surface	930	
Lee Fm (Salt Sand)	930	1330	
Pennington Fm	1330	1395	
Little Lime	1395	1430	
Big Lime	1430	1580	
Injun	1580	1735	
Borden	1735	2207	
Coffee Shale	2207	2217	
Berea	2217	2343	
Devonian Shale	2343	3366	
Corniferous Lime	3366	4110	
Big Six	4110	4154	
Rose Hill	4154	4273' MD - LTD	

