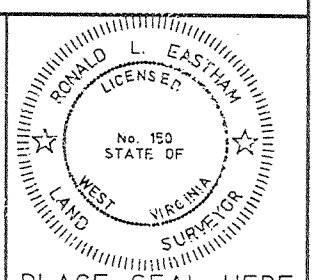


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 4624 WW
 DRAWING NO. 6WW6
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 : 118,709 (GPS)
 PROVEN SOURCE OF ELEVATION U.S.C.&G.S. BM "N-146"
Elev. = 617.26 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
 NITRO, WV

DATE September 15, 1998
 OPERATOR'S WELL NO. 6
 API WELL NO. 47-099-01953
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1029.13 WATER SHED Meeks Branch of the Right Fork of Lynn Creek
 DISTRICT Stonewall COUNTY Wayne
 QUADRANGLE Wayne

SURFACE OWNER Alvra Adams, Jr., et ux ACREAGE 109.57 (T.M. 25, Par. 1)
 OIL & GAS ROYALTY OWNER Columbia Natural Resources, Inc. LEASE ACREAGE 1,736
 LEASE NO. 47-10411

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE 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 4,225' KB 6-6 353 28 1998
 WELL OPERATOR Cabot Oil & Gas Corp. DESIGNATED AGENT John Abshire
 ADDRESS P.O. Box 454 ADDRESS P.O. Box 454
DEEP WELL Glasgow, WV 25080 Glasgow, WV 25080

FORM WW-5

COUNTY NAME WAYNE

PERMIT 1953

WR-35 RECEIVED
Office of Oil & Gas
UIC Section
JUL 12 1999
WV Division of
Environmental Protection

Date: 7-Jul-99
API # 47-099-01953

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

Reviewed AS

Farm name: Adams, Alvra Jr. Operator Well No.: CNR #6

LOCATION: Elevation: 1,029' Quadrangle: Wayne
District: Stonewall County: Wayne
Latitude: 12,350 feet South of 38 DEG. 10 MIN. 0 SEC.
Longitude: 4,500 feet West of 82 DEG. 25 MIN. 0 SEC.

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

Agent: John Abshire
Inspector: David Beicher
Permit Issued: 9/22/98
Well Work Commenced: 5/6/99
Well Work Completed: 5/21/99
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____
Total Depth (feet) 4269'
Fresh Water Depths (ft) 175'
Salt Water Depths (ft) 1115', 1365', 1533'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill up Cu. Ft.
16"	30'	30'	
9-5/8"	527.9'	527.9'	216 sks Class "A"
7"	1902.25'	1902.25'	298 sks Class "A"
			40 sks neat
4-1/2"	4233'	4233'	100 sks Latex

Is coal being mined in area (Y/N)? _____
Coal Depths (ft) _____

OPEN FLOW DATA

Producing formation Big Six Pay zone depth (ft) 4134' - 4142'
Gas: Initial open flow 207 MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 207 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock pressure 1040 psig (surface pressure after 72 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
Date: 7/8/99

JUL 19 1999
1999

MAY 1953

OPEN FLOW DATA

Perf'd Big Six from 4134'-4142'. Treated with 6050 gals gelled 15% HCl acid. ATP: 2380 psi. MTP: 2671 psi. AIR: 5 bpm. ISIP: 1829 psi.

<u>FORMATION</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Silt/Shale	0	1035	
Sandstone	1035	1442	
Shale	1442	1470	
Little Lime	1470	1516	
Big Lime	1516	1682	
Silt/Shale	1682	1758	
Injun	1758	1785	
Shale	1785	2290	
Berea	2290	2365	
Shale	2365	3434	
Onondaga	3434	3550	
Helderberg Lime	3550	3734	
Dolomite	3734	4134	
Big Six	4134	4166	
Silt/Shale	4166	4185	
Shale	4185	4269 - TD	