

NOTE: ALL WELLS IDENTIFIED WITHIN 2400' ARE SHOWN

LATITUDE 37°52'30"

ROWLAND LAND COMPANY, LTD.  
 TM-13, PAR. 17  
 713-524 / 644-605  
 5233.33 AC.

ROWLAND LAND A-55

WELL SITE  
 STATE PLANE WV  
 SOUTH ZONE NAD 1927  
 N - 306,337.73  
 E - 1,840,980.29

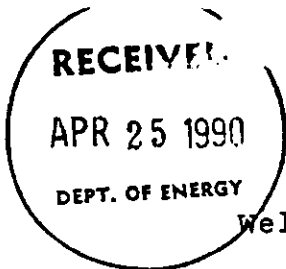
(•) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. ROWLANDLAND A-55.DGN  
 DRAWING NO. ROWLAND LAND A-55  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION OPERATOR'S WELL RECORDS

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 ENVIRONMENTAL PROTECTION.  
 (SIGNED) [Signature]  
 R.P.E. \_\_\_\_\_ L.L.S. 647

PLACE SEAL HERE

STATE OF WEST VIRGINIA DIVISION OF ENVIROMENTAL PROTECTION OIL AND GAS DIVISION		DATE <u>MARCH 26</u> , 20 <u>03</u> OPERATOR'S WELL NO. <u>ROWLAND LAND A-55</u> API WELL NO. <u>14184</u>	
WELL TYPE: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> (IF 'GAS,') PRODUCTION <input checked="" type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>		STATE <u>47</u> COUNTY <u>081</u> PERMIT <u>0845P</u>	
LOCATION: ELEVATION <u>1627.72</u> WATER SHED <u>HAZY CREEK OF MARSH FORK</u> DISTRICT <u>MARSH FORK</u> COUNTY <u>RALEIGH</u> QUADRANGLE <u>PILOT KNOB, WV 7.5'</u>		COUNTY NAME <u>RAL</u> PERMIT <u>0845P</u>	
SURFACE OWNER <u>ROWLAND LAND COMPANY, LTD.</u> ACREAGE <u>693.57</u> OIL & GAS ROYALTY OWNER <u>ROWLAND LAND COMPANY, LTD.</u> LEASE ACREAGE <u>47.059</u> LEASE NO. <u>080594</u>			
PROPOSED WORK: DRILL <input type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____			
PLUG AND ABANDON <input type="checkbox"/> <input checked="" type="checkbox"/> CLEAN OUT AND REPLUG _____			
TARGET FORMATION _____ ESTIMATED DEPTH _____		APR 17 2003	
WELL OPERATOR <u>EQUITABLE PRODUCTION COMPANY</u> DESIGNATED AGENT <u>RICHARD SMELTZER</u>		ADDRESS <u>P.O. BOX 2347, CHARLESTON, WV 25328</u> ADDRESS <u>SAME</u>	



State of West Virginia  
DEPARTMENT OF ENERGY  
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: ROWLAND LAND COMPANY Operator Well No.: A-55 GW-2024

LOCATION: Elevation: 1524.67 Quadrangle: PILOT KNOB

District: MARSH FORK County: RALEIGH  
Latitude: 12750 Feet South of 37 Deg. 52Min. 30 Sec.  
Longitude 2650 Feet West of 81 Deg. 32 Min. 30 Sec.

Company: OXY USA, INC.  
P. O. BOX 873  
CHARLESTON, WV 25323-0873

Agent: DELBERT G. OLIVER

Inspector: RODNEY G. DILLON  
Permit Issued: 02/21/89  
Well work Commenced: 4-17-89  
Well work Completed: 2-22-90  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary X Cable \_\_\_\_\_ Rig  
Total Depth (feet) 5425  
Fresh water depths (ft) 226

Salt water depths (ft) \_\_\_\_\_

Is coal being mined in area (Y/N)? N  
Coal Depths (ft): 57-60'; 164-169';  
221-226'; 268-271'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
13.375		23	Surf.
9.625		475	
4.5		5343	1140
2.375		3587	

OPEN FLOW DATA Upper Devonian Shale 3373'  
Producing formation Gordon Pay zone depth (ft) 3571'  
Gas: Initial open flow 0 MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 0 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure 475 psig (surface pressure) after 43 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: Delbert G. Oliver  
OXY USA, INC.

By: Delbert G. Oliver, Appalachian Project Mgr  
Date: April 23, 1990







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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: Rowland Land Company Operator Well No: Rowland Land # A-55

LOCATION: Elevation: 1627 ft. Quadrangle: Pilot Knob 7.5  
District: Marsh Fork County: Raleigh  
Latitude: 12,790' Feet South of 37 Deg. 52 Min. 30 Sec.  
Longitude: 2,560' Feet West of 81 Deg. 32 Min. 30 Sec.

Well Type: OIL \_\_\_\_\_ GAS XXXX

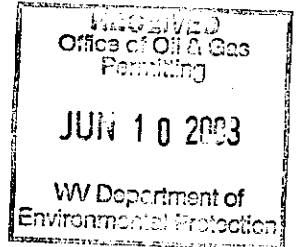
Company: Equitable Production Company  
P. O. Box 2347  
Charleston, WV 25302

Coal Operator % Rowland Management Co  
or Owner . 405 Capital St., Suite # 609  
Charleston, WV 25301

Coal Operator Massey Coal Services  
or Owner 315 70<sup>th</sup> St., SE  
Charleston, WV 25504

Agent: Steve Perdue

Permit Issued Date: 4/16/03



AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Raleigh ss:

Kevin Clouser and Randy Riddle being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and Richard Campbell Oil and Gas Inspector representing the Director, say that said work was commenced on the 14 day of May, 2003, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Gel 62	5200	3259	Perf 4 1/2 985	4821' 4 1/2'
cement	3259	3159 95ks.	for salt sand	475' 9 5/8'
Gel 62	3159	2558		23' 13'
Cement	2558	2458 95ks	cut 4 1/2 at 563"	
Gel 62	2458	1008		
cement	1008	843 155ks	Shot perfs @ 985	
Gel 62	843	571	salt sand	
CMT	571	410 585ks		

Description of monument: Partial Plugging / Well still in production and that the work of partial plugging and filling said well was completed on the 15<sup>th</sup> day of May, 2003.

And further deponents saith not. Kevin Clouser

Randy Riddle

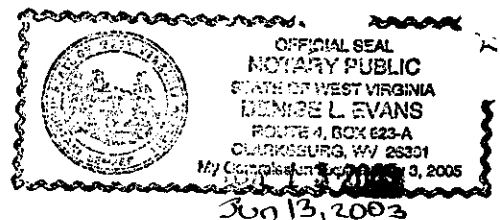
Sworn and subscribe before me this 17<sup>th</sup> day of May, 19 2003  
My commission expires: 5/3/2005

Donna L. Evans  
Notary Public

Oil and Gas Inspector: Richard H. Campbell

Gel 410'-320'  
CMT 320-0 - 1145ks

RAL 0845



8523

WELL LOG

TOP FORMATION

RAVENCLIFF SAND	1744
AVIS LIME	1867
UPPER MAXON SAND	1934
MIDDLE MAXON SAND	2162
LOWER MAXON SAND	2363
LITTLE LIME	2447
BIG LIME	2537
BASE/BIG LIME	2890
UPPER WEIR SAND	2974
LOWER WEIR SAND	3063
DEVONIAN SHALE	3384
GORDON SAND	3570
LOWER HURON	4473
JAVA SHALE	5124
TD	5420

DEPTH

GORDON: Perf 3571-3581'

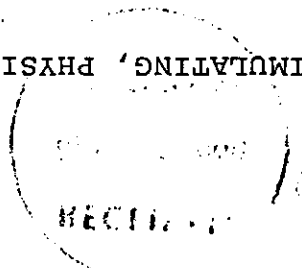
UPPER

DEVONIAN

SHALE: Perf 3373-3395'

Frac'd with 50,000# sand, 121 BF & 675 MCF N2.

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.:







**RECEIVED**  
FEB 17 1989

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

1) Date: February 10, 1989  
2) Operator's well number  
Rowland A-55, GW 2024  
3) API Well No: 47 - 081 - 0845  
State - County - Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- |  |   |
|--|---|
| <p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Rowland Land Company</u><br/>Address <u>1033 Quarrier St., Rm 301</u><br/><u>Charleston, WV 25301, Attn: David Pollitt</u></p> <p>(b) Name _____<br/>Address _____</p> <p>(c) Name _____<br/>Address _____</p> | <p>5) (a) Coal Operator:</p> <p>Name <u>Peabody Coal Company</u><br/>Address <u>P. O. Box 1233</u><br/><u>Charleston, WV 25324, Attn: Toby Waller</u></p> <p>(b) Coal Owner(s) with Declaration</p> <p>Name <u>Rowland Land Company</u><br/>Address <u>1033 Quarrier St., Rm 301</u><br/><u>Charleston, WV 25301</u></p> <p>Name _____<br/>Address _____</p> <p>(c) Coal Lessee with Declaration</p> <p>Name <u>Peabody Coal Company</u><br/>Address <u>P. O. Box 1233</u><br/><u>Charleston, WV 25324, Attn: Toby Waller</u></p> |
| <p>6) Inspector <u>Rodney Dillon</u><br/>Address <u>P. O. Box 1526</u><br/><u>Sophia, WV 25921</u><br/>Telephone (304)- <u>465-1911</u></p>  |   |

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

\_\_\_ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR

x Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 4 on the above named parties, by:

- \_\_\_ Personal Service (Affidavit attached)
- x Certified Mail (Postmarked postal receipt attached)
- \_\_\_ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator OXY USA Inc.  
By: Delbert G. Oliver *Delbert G. Oliver*  
Its: Appalachian Project Manager  
Address P. O. Box 873  
Charleston, WV 25323  
Telephone (304) 344-8383

Subscribed and sworn before me this 10 day of February, 1989

*Donald J. Bay*  
My commission expires June 1, 1989  
Commissioner  
Notary Public