



Same loc as 1348, diff elev. diff. co #

WR-35

22-Jul-98  
API # 47-47-~~01348~~C

1349

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

Well Operator's Report of Well Work

Farm name: EVANS, LIZZIE - HEIRS Operator Well No.: WVC-3861 <sup>OK</sup>

LOCATION: Elevation: 2,218.25 <sup>same as 1349</sup> Quadrangle: BRADSHAW

District: SANDY RIVER County: MCDOWELL  
Latitude: 5582 Feet South of 37 Deg. 22Min. 30 Sec.  
Longitude 6608 Feet West of 81 Deg. 47 Min. 30 Sec.

Company: EQUITABLE RESOURCES EXP.  
1989 E. STONE DR., P.O. BOX 1983  
KINGSPORT, TN 37662-1983

Agent: DAVID A. DEAN

Inspector: OFIE HELMICK  
Permit Issued: 07/22/98  
Well work Commenced: 9/1/98  
Well work Completed: 9/22/98  
Verbal Plugging  
Permission granted on: N/A  
Rotary X Cable \_\_\_\_\_ Rig  
Total Depth (feet) LTD-2044 DTD-2064  
Fresh water depths (ft) N/A  
Salt water depths (ft) 1900'

Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4	38	38	35
8 5/8	309	309	94
4 1/2	2022	2022	540
2 3/8	1965	1965	N/A

Is coal being mined in area (Y/N)? N  
Coal Depths (ft): 629/925/1013/1199/1275  
1333/1659/1786

OPEN FLOW DATA

Producing formation POCO 5, POCO 3, POCO 2 Pay zone depth (ft) 1817.5-1660.5  
Gas: Initial open flow N/A MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 72 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests 6 Hours  
Static rock Pressure 90 psig (surface pressure) after 48 Hours

COMMINGLED

Second producing formation BECKLEY, FIRECREEK Pay zone depth (ft) 1199.5-1339  
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.

RECEIVED  
Office of Oil & Gas  
Permitting  
FEB 05 1999  
WV Division of  
Environmental Protection

For: Michael P Jaskoski  
EQUITABLE RESOURCES EXP. INC.

By: MICHAEL P JASKOSKI  
Date: 1/21/99

FEB 10 1999

MCDOWELL 1349 C

API #: 47-047-01348 C  
OPERATOR WELL #: WVC3861  
FARM NAME: EVANS, LIZZIE HEIRS

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

1<sup>ST</sup> STAGE - PERFORATED POCO SEAMS # 5, 3 & 2 FROM 1160.5 - 1817.5 WITH 13 PERFORATIONS. FRACTURED ON 9/11/98 BY HALLIBURTON WITH 70Q LE FOAM; 26646# 10/20 SAND, 517432 SCF N2, 293 TOTAL BBLs FLUID. BREAKDOWN PRESSURE 1334 PSI, MAX PRESSURE 3760 PSI, AVERAGE PRESSURE 3379 PSI, ISIP 1373 PSI, 1 MIN SIP 1148 PSI, 5 MIN SIP 1085 PSI. AVERAGE INJECTION RATE 38 BPM..

2<sup>ND</sup> STAGE - PERFORATED BECKLEY, FIRECREEK, FROM 1199.5 - 1204 WITH 16 PERFORATIONS. FRACTURED ON 9/11/98 BY HALLIBURTON WITH 70Q LE FOAM; 34450# 10/20 SAND, 699027 SCF N2. BREAKDOWN PRESSURE 1263, MAX PRESSURE 3961 PSI, AVERAGE PRESSURE 3360 PSI, ISIP 1974, 1-MIN SIP 1802, 5-MIN SIP 1681.

2) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

SAND, SHALE & THIN COALS	0	1199
BECKLEY	1199	1204
SAND, SHALE & THIN COALS	1204	1336
FIRECREEK	1336	1340
SAND, SHALE & THIN COALS	1340	1660
POCO #5	1660	1662
SAND, SHALE & THIN COALS	1662	1784
POCO #3	1784	1787
SAND, SHALE & THIN COALS	1787	1816
POCO #2	1816	1818
SAND, SHALE & THIN COALS	1818	2044
LOGGER'S TOTAL DEPTH		2044
DRILLER'S TOTAL DEPTH		2064

