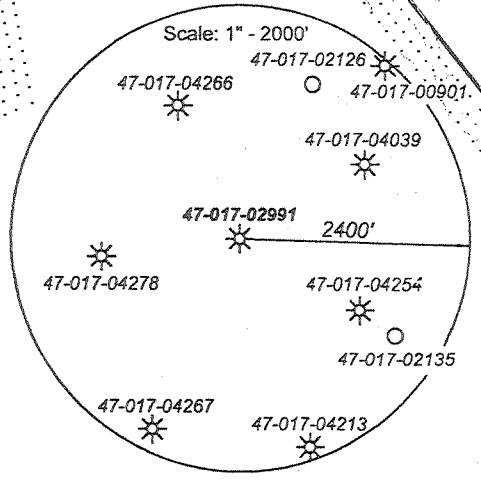


Equitable Production Company Inc.
47-017-02991 WV 129791
Lewis Maxwell 2654 Acre Lease

LATITUDE 39 - 15 - 00

LONGITUDE 80 - 45 - 00

Notes:
Well site coordinates are
N: 264397 Latitude: 39.218732
E: 1634781 Longitude: 80.789081
West Virginia
Coordinate System of 1927, North Zone
based upon
Differential GPS Measurements.
Plat orientation and corner and well
references are based upon the grid
north meridian.
Well location references are based upon
the magnetic meridian.



23
3
Lucy E. Harper
289/134
442 Acres

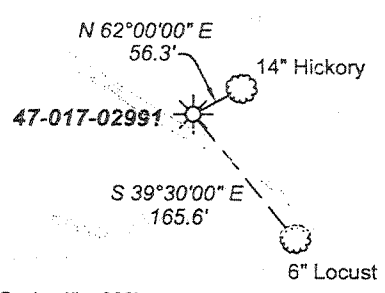
23
3
Lucy E. Harper
289/134
442 Acres

Charles F. Houston, et al.
289/134
014.66 Acres

GRID NORTH

3/4" Iron pin

Well Location References

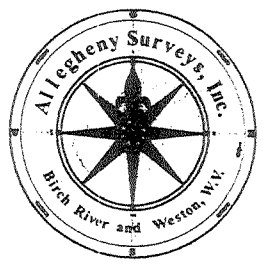


Scale: 1" = 200'

Legend

- Gas well existing or proposed
- Found corner, as noted
- Surface boundary (approximate)

(-⊕-) Denotes location of well on United States topographic maps



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.

Ben R. Singleton
P.S. 2092



SEAL

FILE NO: 70-30-WU-07 EQT 1-30
DRAWING NO: 7030WU07_plat.dwg
SCALE: 1" = 500'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS GSSP

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

DATE: July 5 20 07
OPERATOR'S WELL NO. WV 129791
API WELL NO: 47-017-02991
47 - 017 - 02991F
STATE COUNTY PERMIT
Maxwell A69

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1236' WATERSHED: Left Fork of Arnold Creek
QUADRANGLE: Oxford DISTRICT: West Union COUNTY: Doddridge
SURFACE OWNER: Lucy E. Harper c/o Matthew Hamblet ACREAGE: 442 Ac.
OIL AND GAS ROYALTY OWNER: John R. Davies, et al. LEASE NO: 080616 ACREAGE: 2654 Ac.
PROPOSED WORK: DRILL CONVERT DRILL DEEPER 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: Alexander ESTIMATED DEPTH: 5360'

SEP 21 2007

WELL OPERATOR: Equitable Production Company, Inc. DESIGNATED AGENT: L. Todd Tettrick
ADDRESS: 1710 Pennsylvania Ave. ADDRESS: 1710 Pennsylvania Ave.
Charleston, WV 25302 Charleston, WV 25302

DODD 2891A

el

4/19/81

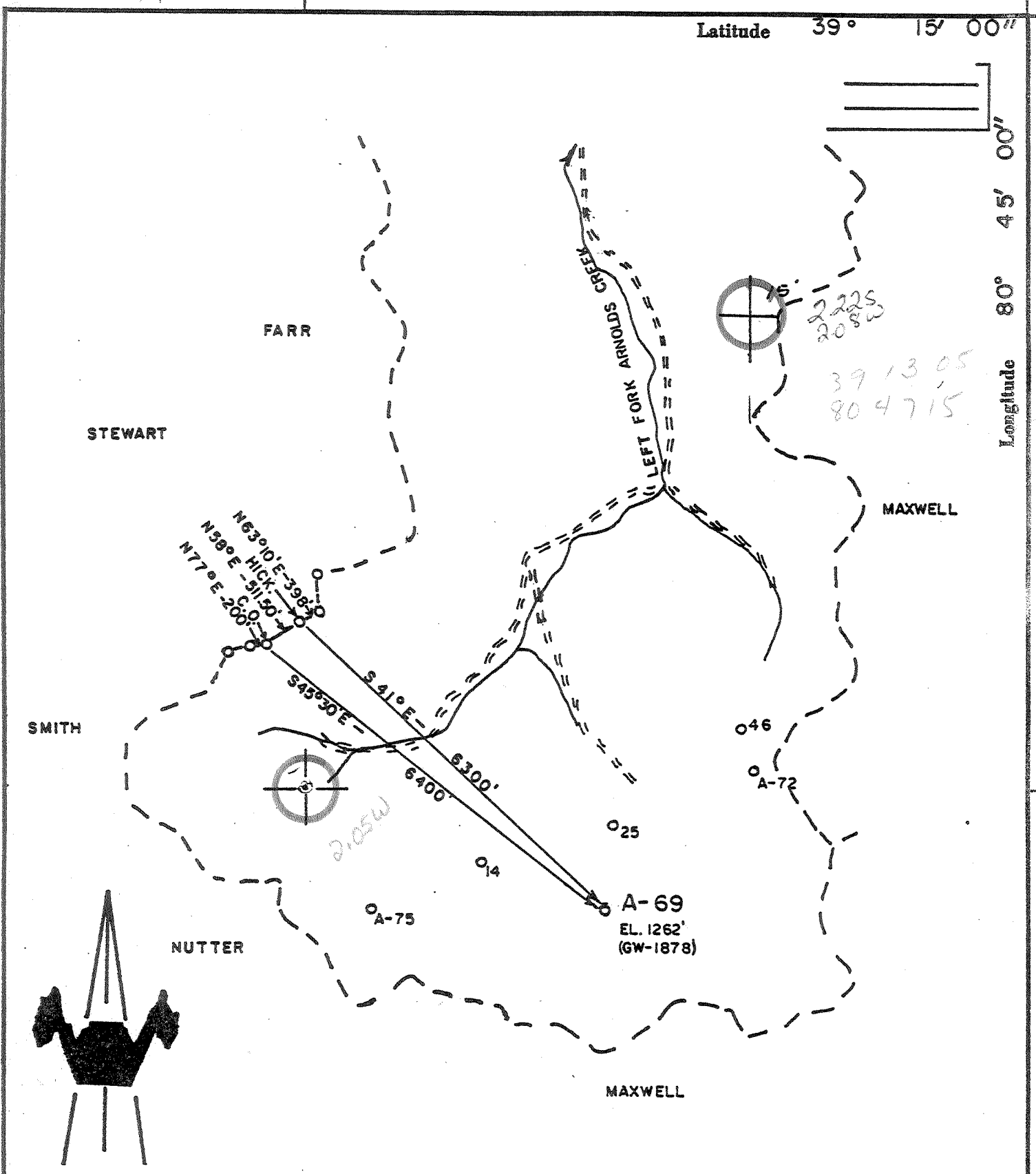
Card CSD 271

10,800' WEST

Latitude 39° 15' 00"

Longitude 80° 45' 00"

11,720' SOUTH



ACCURACY: 1/200

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill
- Other

Formation ALEXANDER Oil
 Est. Depth 5300' Gas
 Other

Source of Elevation DODD-1195 P-ABANDONED WELL (WATERMAN)
 I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Chet Waterman

Company CITIES SERVICE CO.
 Address CHARLESTON, WV
 Surface Owner ROBERT MAXWELL
 Mineral Owner LEWIS MAXWELL HEIRS ("A")
 Well No. A-69 ^{GW-1878} Acres 2654.88
 Elevation 1262' ^{Holbrook NE}
 Quadrangle OXFORD Series 7.5'
 County DODDRIDGE District WEST UNION
 Date 2/11/81 Scale 1" = 2000'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINING
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
47 - 017 - 2991
 STATE COUNTY PERMIT

+ Denotes location of well on United States Topographic Maps.
 Engineer CHET WATERMAN
 Engineer's Registration No. 3788 File No. 81-055



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JAN 13 1982
 State of West Virginia
 Department of Mines
 Oil and Gas Division

Date January 12, 1982
 Operator's Well No. "A" #69 (GW-1878)
 Farm Lewis Maxwell Heirs
 API No. 47 - 017 - 2991

**WELL OPERATOR'S REPORT
 OF
 DRILLING, ~~FRACURING AND/OR STIMULATING, OR PHYSICAL CHANGE~~**

WELL TYPE: Oil / Gas XX / Liquid Injection / Waste Disposal /
 (If "Gas," Production XX / Underground Storage / Deep / Shallow XX /)

LOCATION: Elevation: 1262' Watershed Left Fork of Arnold's Creek
 District: West Union County Doddridge Quadrangle Oxford

COMPANY Cities Service Company
 ADDRESS P.O. Box 873, Charleston, WV 25323-0873
 DESIGNATED AGENT Paul D. Phillips
 ADDRESS same
 SURFACE OWNER Robert Maxwell
 ADDRESS West Union, WV 26436
 MINERAL RIGHTS OWNER Lewis Maxwell Heirs
 ADDRESS c/o Rob't. Holland, Agent, West Union, WV 26436
 OIL AND GAS INSPECTOR FOR THIS WORK
Stephen Casey ADDRESS Rt. 2, Box 232-D, Jane Lew, WV 26378
 PERMIT ISSUED April 16, 1981
 DRILLING COMMENCED May 5, 1981
 DRILLING COMPLETED November 18, 1981
 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
11-3/4" 11-1/2"		40'	15 sxs. 18 cu. ft.
9 5/8			
8 5/8		1540'	375 sxs. 539 cu. ft.
7			
5 1/2			
4 1/2		5315'	650 sxs. 949 cu. ft.
3			
2-3/8" tbg.		5227'	
Liners used			

GEOLOGICAL TARGET FORMATION Alexander, Weir Depth 5360 feet
 Depth of completed well 5293 feet Rotary XX / Cable Tools
 Water strata depth: Fresh feet; Salt feet
 Coal seam depths: Is coal being mined in the area? no

OPEN FLOW DATA
 Producing formation Alexander Pay zone depth 5140 feet
 Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
 Final open flow 202 Mcf/d Final open flow Bbl/d
 Time of open flow between initial and final tests 76 hours
 Static rock pressure 900 psig (surface measurement) after 42 hours shut in
 (If applicable due to multiple completion--)
 Second producing formation Weir Pay zone depth 2164 feet
 Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
 Final open flow 467 Mcf/d Oil: Final open flow Bbl/d
 Time of open flow between initial and final tests 4 hours
 Static rock pressure 700 psig (surface measurement) after 48 hours shut in

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

Alexander - Perforated interval: 5143'-5234'. Fractured with 15,000# of 80/100 sand and 105,000# of 20/40 sand suspended in a 40# gel system. Breakdown pressure 3000 psi.

Weir - Perforated interval: 2173'-2268'. Fractured with 15,000# 80/100 sand and 75,000# 20/40 sand suspended in a 40# gel system with nitrogen. Breakdown pressure 2450 psi.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Soil			0	30	
Red Rock			30	100	
Lime			100	150	
Red Rock			150	190	
Slate			190	240	
Sand			240	300	
Lime			300	380	
Slate			380	400	
Lime			400	510	
Red Rock			510	550	
Lime			550	610	
Slate			610	650	
Red Rock			660	690	
Lime			690	750	
Sand			750	780	
Red Rock			780	810	
Lime			810	860	
Slate			860	900	
Lime			900	1010	
Little Dunkard Sand			1010	1080	
Lime			1080	1130	
Big Dunkard Sand			1130	1240	
Black Shale			1240	1260	
Gas Sand			1260	1300	
Slate			1300	1340	
Lime			1340	1370	
First Salt Sand			1370	1430	
Black Shale			1430	1550	
Second Salt Sand			1550	1590	
Slate			1590	1730	
Third Salt Sand			1730	1770	
Black Slate			1770	1790	
Lime			1790	1820	
Maxon Sand			1820	1850	
Red Rock			1850	1880	
Lime			1880	1895	
Slate			1895	1905	
Little Lime			1905	1920	
Blue Monday			1920	1930	

(Attach separate sheets as necessary)

Cities Service Company

Well Operator

By: Paul D. Phillips

Paul D. Phillips

Region Operations Manager

Date: January 12, 1982

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

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JAN 13 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

WELL LOG - CONTINUED
MAXWELL "A" #69
API #47-017-2991

FORMATION	TOP FEET	BOTTOM FEET	REMARKS
Big Lime	1930	1954	
Big Injun Sand	1954	2014	
Slate	2014	2060	
Squaw Sand	2060	2120	
Slate	2120	2164	
Weir	2164	2276	
Shale	2276	2366	
Berea	2366	2377	
Slate, Lime & Shells	2377	2547	
Sand	2547	2555	
Shale	2555	2590	
Gordon	2590	2610	
Shale	2610	2725	
Sand	2725	2753	
Shale	2753	3227	
Warren	3227	3388	
Shale	3388	3980	
Sand	3980	4031	
Shale	4031	4200	
Sand	4200	4274	
Shale	4274	4324	
Bradford Sand	4324	4344	
Shale	4344	4456	
Sand	4456	4462	
Shale	4462	4686	
Sand	4686	4697	
Shale	4697	4886	
Benson	4886	4895	
Shale	4895	5142	
Alexander	5142	5235	
Shale	5235	5360	
T.D.	5360		

OPEN FLOW DATA: The Alexander and the Weir are being produced commingled.
Initial open flow 539 MCF/D.
Final open flow 311 MCF/D after 24 hrs.
Static rock pressure 700 psig after 72 hrs. shut in.

POP

JAN 27 1982



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

APR 14 1981

OIL AND GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE April 13, 1981
Company Cities Service Company
Address Box 873, Charleston, WV 25323
Farm Lewis Maxwell Heirs Acres 2654.88
Location (waters) Left Fork Arnolds Creek
Well No. "A" #69, GW-1878 Elevation 1262'
District West Union County Doddridge
Quadrangle Oxford

Surface Owner Robert Maxwell
Address West Union, WV 26436
Mineral Owner Lewis Maxwell Heirs
Address Robert Holland, Agent
West Union, WV 26436
Coal Owner _____
Address _____
Coal Operator _____
Address _____

PERMIT MUST BE POSTED AT THE WELL SITE

Provisions being in accordance with Chapter 22,
W. Va. Code, the location is hereby approved
drilling. This permit shall expire if
operations have not commenced by 12-16-81

INSPECTOR
TO BE NOTIFIED Stephen Casey
Rt. 2 Box 232-D
ADDRESS Jane Lew, WV 26378
PHONE 884-7470

[Signature]
Deputy Director - Oil & Gas Division
GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated August 5 19 05 by Lewis Maxwell et ux made to Columbian Carbon Co (Now Cities Service) and recorded on the _____ day of _____ 19____, in Doddridge County, Book 23 Page 69

NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, Cities Service Company
(Sign Name) Paul D. Phillips
Well Operator Paul D. Phillips
Box 873 Region Operations Manager
Street
Charleston
City or Town
W. Va. 25323
State

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND
ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address
of
Well Operator

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit recifying the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

47-017-2991

PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by _____

BLANKET BOND

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME _____ NAME Paul D. Phillips
 ADDRESS _____ ADDRESS Box 873, Charleston, WV 25323
 TELEPHONE _____ TELEPHONE 304-344-8383
 ESTIMATED DEPTH OF COMPLETED WELL: 5300' ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Alexander
 TYPE OF WELL: OIL _____ GAS COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LIFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10 <u>11-3/4 42#/ft.</u>	<u>80'</u>	<u>80'</u>	<u>Circulate to surface</u>
9 - 5/8			
8 - 5/8 <u>24#/ft.</u>	<u>1950'</u>	<u>1950'</u>	<u>Circulate to surface</u>
7			
5 1/2			
4 1/2 <u>10.5#/ft.</u>	<u>5300'</u>	<u>5300'</u>	<u>950 ft.³</u>
3			<u>Perf. Top</u>
2			<u>Perf. Bottom</u>
Liners			<u>Perf. Top</u>
			<u>Perf. Bottom</u>

APPROXIMATE FRESH WATER DEPTHS 375 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS None
 IS COAL BEING MINED IN THE AREA? None BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.
 We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title

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

API # 470170299109

Farm Name Harper, Lucy E Well Number 129791
 Location Elevation 1,236 Quadrangle OXFORD
 District West Union County Doddridge, WV
 Latitude 11420 FSL Degree 39.00 Minute 15.00 Second 0.00
 Longitude 11110 FWL 80.00 45.00 0.00

Company Equitable Production Company
 1710 Pennsylvania Avenue Charleston,
 WV 25328
 Agent Cecil Ray
 Inspector Mike Underwood
 Permit Issued 09/19/2007

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cubic Ft
Prev Rptd			

Well Work Commenced 05/05/1981
 Well Work Completed 12/05/2007
 Verbal Plugging
 Permission granted or _____
 Rotary Rig Cable Rig _____

Total Depth 5,360

Water Encountered

Type From

Prev Rptd

Coal & Open Mines

Type From

Prev Rptd

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 Office of Oil & Gas
 APR 09 2008
 WV Department of
 Environmental Protection

Open Flow Data

Producing Formation

Keener/Injun ; Salt Sand ;

Pay Zone Depth (ft): See attached for details

Gas: Initial Open Flow 0 MCF 12/05/2007 Date
 Final Open Flow 290 MCF 12/05/2007 Date

Oil: Initial Open Flow _____ Bbl/d
 Final Open Flow _____

Time of open flow between initial and final tests 0 hours

Static Rock Pressure 40 after 0 hours

Second Producing Formation _____ Pay Zone Depth (ft) _____

Gas: Initial Open Flow _____ MCF _____ Date
 Final Open Flow _____ MCF _____ Date

Oil: Initial Open Flow _____ Bbl/d
 Final Open Flow _____

Time of open flow between initial and final tests _____ hours

Static Rock 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, a systematic detailed geological record of all formations including coal encountered in the well bore

For Equitable Production Company
 By Cecil Ray
 Date 4-8-08

D0001 2991

JUN 13 2008

**Equitable Production Company
WR-35 Completion Report - Attachment
Well Treatment Summary**

Stage1		Stage2	
Date	11/17/2007	Date	11/17/2007
FracTyp	Variabl Foam	FracTyp	Variabl Foam
Zone	Keener/Injun	Zone	Salt Sand
# of Perfs	38	# of Perfs	19
From/To	1,934- 2,010	From/To	1,594- 1,600
BD Press	2,010	BD Press	3,800
ATP Psi	2,517	ATP Psi	2,834
Avg Rate	35	Avg Rate	33
Max Press Psi	2,554	Max Press Psi	3,410
ISIP Psi	1,350	ISIP Psi	1,121
10min SIP	0 5 min.	10min SIP	1,090 5 min.
Frac Gradient	1.10	Frac Gradient	1.10
Sand Proppant	250.00	Sand Proppant	400.00
Water-bbl	379	Water-bbl	537
SCF N2	70,000	SCF N2	105,000
Acid-gal	1,000 gal 15%HCL	Acid-gal	0 gal

Formation Name Depth To Depth Bottom Formation Thick

Gas Tests

Depth Remarks

Prev Rptd

Prev Rptd