



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
(304) 926-0450
(304) 926-0452 fax

Joe Manchin III, Governor
Randy C. Huffman, Cabinet Secretary
www.wvdep.org

August 06, 2008


WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-8509756, issued to UNKNOWN - DEP PAID PLUGGING CONTRACT, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.



James Martin
Chief

Operator's Well No: MAXSON 2
Farm Name: MAXSON, DOUGLAS
API Well Number: 47- 8509756
Permit Type: Plugging
Date Issued: 08/06/2008

Promoting a healthy environment.

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name WV DEP Plugging OP Code _____

Watershed Brush Run Quadrangle Oxford

Elevation _____ County Ritchie District Union

Description of anticipated Pit Waste: Plugging Fluid

Will a synthetic liner be used in the pit? Yes

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

Proposed Work For Which Pit Will Be Used:

- Drilling
- Workover
- Other (Explain _____)
- Swabbing
- Plugging

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on June 14, 1994, by the Office of Oil and Gas of the West Virginia Division of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

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 thereto 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 or imprisonment.

Company Official Signature _____

Company Official (Typed Name) James Martin

Company Official Title Agent

Subscribed and sworn before me this _____ day of _____, 19 _____

Notary Public

My commission expires _____

LEGEND

Property Boundary	Diversion
Road	Spring
Existing Fence	Wet Spot
Planned Fence	Drain Pipe with size in inches
Stream	Waterway
Open Ditch	Cross Drain
Rock	Artificial Filter Strip
North	Pit: cut walls
Buildings	Pit: compacted fill walls
Water wells	Area for Land Application of Pit Waste
Drill site	

Proposed Revegetation Treatment: Acres Disturbed 1 Prevegetation pH

Lime 2 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 500 lbs/acre (500 lbs minimum)

Mulch 2 Tons/acre

Seed Mixtures

Seed Type	Area I lbs/acre	Seed Type	Area II lbs/acre
<u> Ky. 31 </u>	<u> 50 </u>	<u> Ky. 31 </u>	<u> 50 </u>
<u> Clover </u>	<u> 5 </u>	<u> Clover </u>	<u> 5 </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Attach:
Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Rod Dillon

Title: Inspector Date: 8/2/08

Field Reviewed? Yes No



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-085-80514 WELL NO.: Maxson # 2

FARM NAME: Douglas Maxson

RESPONSIBLE PARTY NAME: WVDEP

COUNTY: Ritchie DISTRICT: Union

QUADRANGLE: Oxford

SURFACE OWNER: Douglas Maxson

ROYALTY OWNER: Kenneth Townsen

UTM GPS NORTHING: 4332940 39 08 43.68

UTM GPS EASTING: 513139 GPS ELEVATION: _____
80 50 53.27

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS _____: Post Processed Differential _____
Real-Time Differential _____

Mapping Grade GPS _____: Post Processed Differential _____
Real-Time Differential _____

4. **Letter size copy of the topography map showing the well location.**

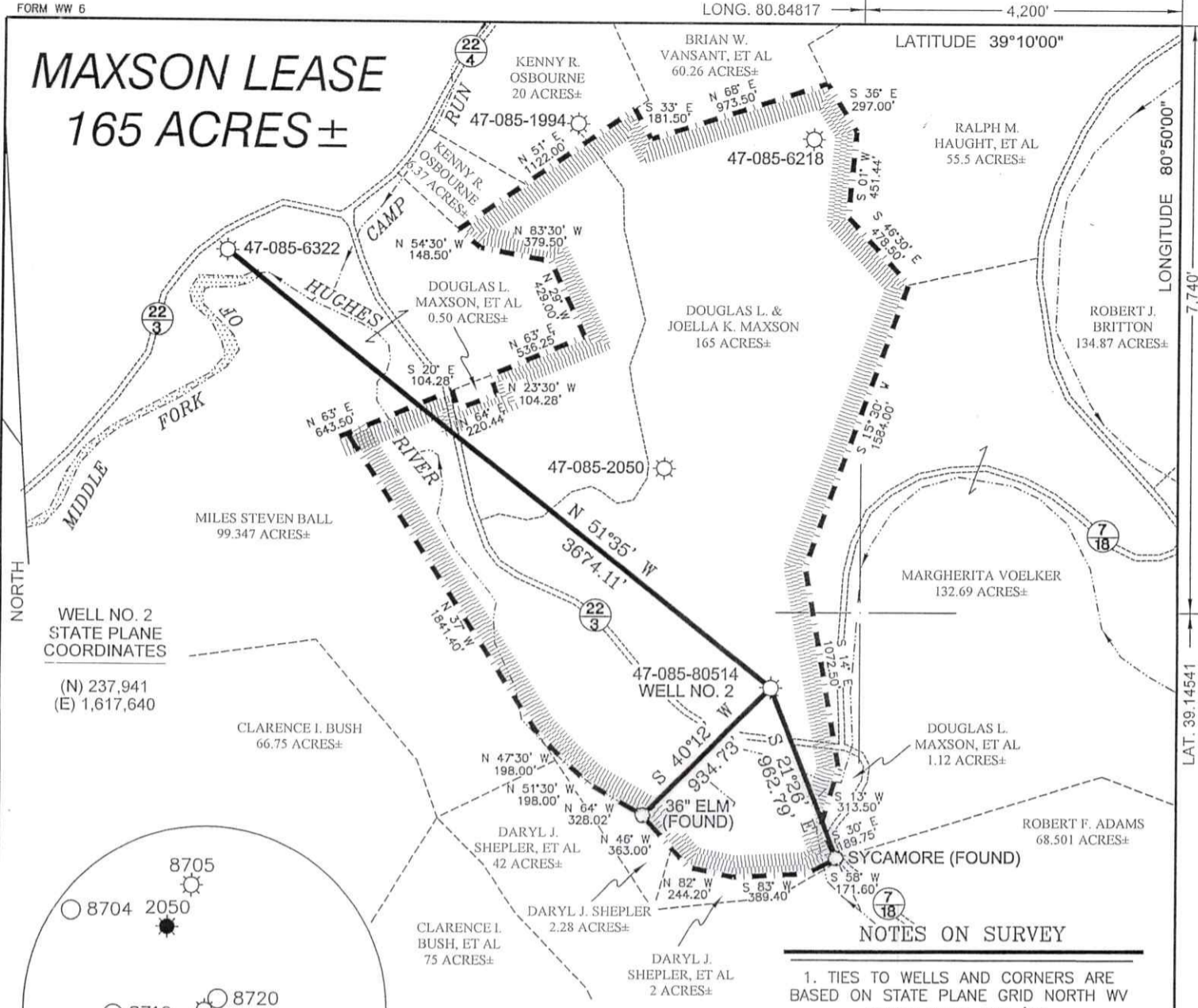
I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Rod Dillon
Signature

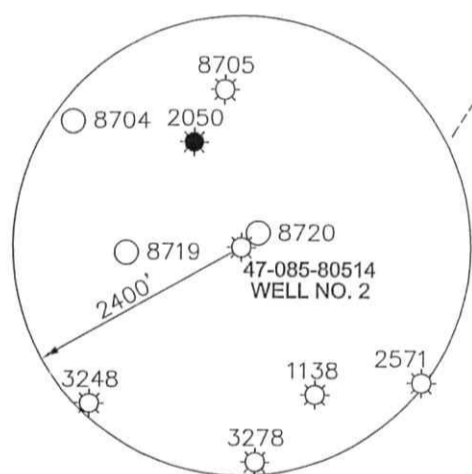
Inspector
Title

Date 8/2/08

MAXSON LEASE 165 ACRES ±



WELL NO. 2
STATE PLANE
COORDINATES
(N) 237,941
(E) 1,617,640



A.P.I. NO. 47-085-80514 WELL NO. 2

- NOTES ON SURVEY**
1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27.
 2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A TITLE OPINION PREPARED BY RICHARD M. REDDECLIFF, ATTORNEY AT LAW, DATED 01/05/00.
 3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RITCHIE COUNTY IN JULY, 2008.
 4. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



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 DIVISION OF ENVIRONMENTAL PROTECTION.


P.S. 677
Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE AUGUST 06, 20 08
OPERATORS WELL NO. MAXSON NO. 2
API WELL NO. 47 - 085 - 80514
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 6926P2 (261-63)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 800'

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



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

LOCATION: ELEVATION 793' WATERSHED MIDDLE FORK OF HUGHES RIVER
DISTRICT UNION COUNTY RITCHIE QUADRANGLE OXFORD 7.5'

SURFACE OWNER DOUGLAS L. AND JOELLA K. MAXSON ACREAGE 165±
ROYALTY OWNER CECIL TOWNSEN LEASE ACREAGE 165±

PROPOSED WORK: LEASE NO. _____
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD
FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION _____
ESTIMATED DEPTH _____

WELL OPERATOR WVDEP OFFICE OF OIL & GAS DESIGNATED AGENT DAVE BELCHER
ADDRESS 601 57TH STREET ADDRESS 601 57TH STREET
CHARLESTON, WV 25301 CHARLESTON, WV 25301

COUNTY NAME
PERMIT

Responsible Party Search For:

Well 47-085-80114 Maxson # 2

Ritchie County
Union District
Tax Map 27
Parcel 0012

Current Surface Owner:

(165 acre tract)
Douglas Maxson
533 Arcadie Park
Lexington, Ky 40503

Current Mineral Owner:

(165 acre tract)
Clyde, Larry, and Kenneth Townsen
401 27th Street
Vienna, WV 26105

Ref. DB 271/698, DB 131/253
WB 30/200

Ref. WB 30/871
Tax ticket number 27703

Other Ref. Deed Books

DB 48/491, DB 76/407, 409, DB77/131, DB 131/253, DB 271/698, DB 161/402,
DB 256/484, WB 30/200, 871, LB 30/60, LB 46/526, LB 47/153, LB 49/81

Well Number API 47-085-80114 Maxson # 2

Last known well operator was Carter Oil Company

Nothing found in the Ritchie County court house to show the well was ever transferred
From Carter Oil Company.

Summary:

Surface, and Mineral was in the Smith, and Townsen family for many years. As far back
has records go in the Ritchie County court house.

Through the years the property was passed from one family member to another.

The mineral is still held in the family by Clyde Townsen ref. WB 30/871.

The Smith, and Townsen family leased the oil, and gas to many operators from 1900 to
1930. Carter Oil Company sub leased the property from J.E.Leggett ref. LB 46/526.

This was the first lease that spoke of the existing wells on the property. At this time
Carter Oil Company was operator of the well in question.

The lease didn't name the well by number, or name. Only spoke of existing wells on this
lease.

Inspection of this well shows that the well has not been operated in many years.

Our opinion is that the well never left the Carter Oil Company. No records can be found
in the Ritchie County court house, or the WVDEP Oil, and Gas section of a transfer to
another operator. WVDEP Oil, and Gas section have no records of this well ever being
owned, or operated by any one. The Carter Oil Company has been out of operation for
many years. No records can be found on the oil company.

This preliminary report is based on a limited search of the court house records and should
not be interpreted to be a certified title opinion.





IV-35
(Rev. 8-81)

JUL 27 1984

MAISON
OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date July 25, 1984
Operator's
Well No. Dale Ball #1
Farm Dale Ball
API No. 47 - -85 - 6322 REN

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 795 Watershed Middle Fork
District: Union County Ritchie Quadrangle Oxford 7.5

COMPANY Chase Petroleum, Inc.
ADDRESS P.O. Drawer 369, Glenville, WV. 26351
DESIGNATED AGENT Alton Skinner
ADDRESS P.O. Drawer 369; Glenville, WV. 26351
SURFACE OWNER Dale Ball
ADDRESS West Union, WV 26426
MINERAL RIGHTS OWNER Bonnie Corder Et. Al.
ADDRESS Newark, Ohio 43055
OIL AND GAS INSPECTOR FOR THIS WORK Samuel
Hersman ADDRESS Smithville, WV. 26178
PERMIT ISSUED November 17, 1983
DRILLING COMMENCED January 9, 1984
DRILLING COMPLETED January January 14, 1984
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON

Casing Tubing Size	Used in Drilling	Left in Well	Cement fill up Cu. ft.
20-16 Cord.			
11 3/4 13-10	28	28	
9 5/8			
8 5/8	878	878	Cts
7			
5 1/2			
4 1/2	4935	4935	625
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Alexander, Devonian Shale Depth 5990 feet
Depth of completed well 5000 feet Rotary X / Cable Tools
Water strata depth: Fresh 47 feet; Salt None feet
Coal seam depths: none Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Alexander, Riley, Balltown/ Speechley Pay zone depth 3003-3446 feet
Gas: Initial open flow 89 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 580 Mcf/d Final open flow Show Bbl/d
Time of open flow between initial and final tests n/a hours
Static rock pressure 1620 psig (surface measurement) after 2 hours shut in
(If applicable due to multiple completion--)
Second producing formation Pay zone depth feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side)

RIT 6322

FORM IV-35
(REVERSE)

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

436
Fraced Alexander. 4821-4871, 15 holes, 625 Bbls Total Fluid, 10,000# 80/100, 50,000# 20/40

Fraced Riley 434r 3658-4457, 13 holes, 618 Bbls total fluid, 10,000# 80/100, 36,000# 20/40

Fraced Balltown/ 3003-3446, 16 holes, 418 Bbls total fluid, 10,000# 80/100, 29,000# 20/40
Speechley

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fres and salt water, coal, oil and ga
Clay & Creek Gravel			0	115	1/2" Stream Water @ 47'
Sand & Shale & Redrock			115	1570	2 1/2" Stream Water @ 95'
Little Lime & Mississippian Shale			1570	1602	Oil & Gas Odor @ 1550'
Sard & Mississippian Shale			1602	1634	
Big Lime & Mississippian Shale			1634	1692	
Sand & Mississippian Shale			1692	1700	
Injun Sand & Mississippian Shale			1700	1760	
Sand & Mississippian Shale			1760	1920	198,312 CF Gas @ 1805'
Weir Sand & Mississippian Shale			1920	2050	
Sand & Mississippian Shale			2050	2328	140,207 CF Gas @ 2314'
Berea Sand & Mississippian Shale			2328	2332	
Sand & Devonian Shale			2332	2970	125,423 CF Gas @ 2827'
Speechley Sand & Devonian Shale			2970	3150	
Sand & Devonian Shale			3150	3450	117,302 CF Gas @ 3337'
Balltown Sand & Devonian Shale			3450	3672	
Sand & Devonian Shale			3672	4140	117,302 CF Gas @ 3843'
Riley Sand & Devonian Shale			4140	4470	117,302 CF Gas @ 4392'
Sand & Devonian Shale			4470	4533	
Benson Sand & Devonian Shale			4533	4538	
Sand & Devonian Shale			4538	4770	108,576 CF Gas @ 4615'
Alexander Sand & Devonian Shale			4770	4850	
Sand & Devonian Shale			4850	5000 TD	88,688 CF Gas @ 5000'

(Attach separate sheets as necessary)

Chase Petroleum, Inc
Well OperatorBy: Alton Shinner
Date: July 25, 1984

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
minerals, encountered in the drilling of a well."

Amy Romano

FORM IV-35
(Obverse)

(09-79)

Maxson
Wells

Date: January 20, 19 81

Operator's Well No. J-301

APC Well No. 085-4887
State County Permit

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

WELL OPERATOR'S REPORT
ON
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal
(If "Gas", Production / Underground storage / Deep / Shallow
LOCATION: Elevation: 920 Watershed: Camp Run to Middle Fork
District: Union County: Ritchie Quadrangle: Oxford

WELL OPERATOR: J & J Enterprises, Inc. DESIGNATED AGENT: H.L. Barnett
Address: Box 48, Ruckhannon, WV 26201 Address: Box 48, Ruckhannon, WV 26201

PERMITTED WORK: Drill / Convert / Drill deeper / Redrill / Fracture or stimulate
Plug off old formation / Perforate new formation
Other physical change in well (specify):

PERMIT ISSUED ON: 8/1, 19 80 OIL & GAS INSPECTOR FOR THIS WORK:
(IF APPLICABLE: PLUGGING OF DRY HOLE OR CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED) Name: Paul Goodnight
Address: Smithville, WV 26178

GEOLOGICAL TARGET FORMATION: Alexander Depth: feet
Depth of completed well, 2325 feet Rotary / Cable Tools
Water strat. depth: Fresh, 340 feet; salt, None feet.
Coal seam depths: None Is coal being mined in the area? No
Work was commenced 12/17, 1980, and completed 12/21, 1980

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT PACK-UP OR SACKS (GALLON FEET)	REMARKS	
	Size	Grade	Weight per Ft.	New	Used	For Drilling			Set in Well
Conductor	1 3/4	H-40	42	<input checked="" type="checkbox"/>		0	0	0 sks.	Winds
Fresh water	8 5/8	ERW	23	<input checked="" type="checkbox"/>		513.90	513.90	130 sks.	
Coal	8 5/8	ERW	23	<input checked="" type="checkbox"/>		513.90	513.90	130 sks.	Stops
Intermediate									
Production	4 1/2	J-55	9.5	<input checked="" type="checkbox"/>		2237	2237	200 sks.	Leaves set
Tubing									
Liners									Perforations:
									1884 - 1820
									2067 - 2129

RECEIVED

JAN 21 1981

OPEN FLOW DATA

Producing formation: Weir Pay zone depth: 2067-2129 feet
Gas: Initial open flow, ___ McF/d Oil: Initial open flow, ___ Bbl/d
Combined Final open flow, 98 McF/d Final open flow, ___ Bbl/d
Time of open flow between initial and final tests, 4 hours
Static rock pressure, 500 psig (surface measurement) after 96 hours shut in
(If applicable due to multiple completions)
Second producing formation: Injun Pay zone depth: 1884-90 feet
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 measurement) after ___ hours shut in

Revision to cover page 2/2

Amy Romano

FORM IV-35
(Reverse)

08-78

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

Weir: Perforations: 2067-2129 (13 holes)

Fracturing: 140 sks. 80/100 sand: 280 sks 20/40 sand: 500 Bbls.fluid.

Injun: Perforations: 1884-1890 (13 holes)

Fracturing: 100 sks. 80/100 sand: 350 sks. 20/40 sand: 1000 gal. Acid.:500 Bbls.fluid.

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all tests and salt water, etc. and gas
Clay			0	5	
Shale & red rock			5	40	
Sand & shale			40	210	1/4" stream @ 340
Shale & red rock			210	290	
Sand, shale & red rock			290	940	Gas ck @ 1828 No show
Sand, shale & red rock			940	1150	
Sand & shale			1150	1710	Gas ck @ 2170 70/10-3/8" w/water
Little Lime			1710	1730	
Big Lime			1730	1805	8,856
Injun			1805	1860	
Shale			1860	1884	
Injun			1884	1890	
Shale			1890	2040	
Weir			2040	2150	
Shale			2150	2325	
					TD

(Attach separate sheets to complete as necessary.)

J. & J Enterprises, Inc.

Well Operator

By Peter Battles

Peter Battles

Geologist

NOTE: Regulation 2.0074 provides as follows:

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