



New Location Drill Deeper Abandonment

Minimum Error of Closure 1:200
Source of Elevation INT. ROADS 990' WEST OF LOCATION.
EL = 1057

"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." *Paul S. Dean*

Company OIL DISCOVERIES INC.
Address 103 E. MAIN ST., BRIDGEPORT, W. VA.
Farm C.C. CRIM
Tract 1 Acres 100 Lease No. _____
Well (Farm) No. 1 Serial No. NC
Elevation (Spirit Level) 1065, PHILIPPI 15
Quadrangle BROWTON 7.5 MIN.
County BARBOUR District ELK
Engineer Paul S. Dean
Engineer's Registration No. 1856
File No. 136-15-51 Drawing No. 77-B-4
Date AUG. 27, 1977 Scale 1" = 600'

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

WELL LOCATION MAP
FILE NO. BAR-899

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.
24,000

- Denotes one inch spaces on border line of original tracing.

47-001 OCT 7 1977

4400' Benson 6-6 Elk Creek (155)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD 2

RECEIVED
JUL 31 1978
OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle Brownnton 7½

Permit No. BAR-899

Rotary X Oil _____
Cable _____ Gas X _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Company <u>Oil Discoveries, Inc.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>P.O. Box 26, Bridgeport, W.V. 26330</u>				
Farm <u>Blanche C. Crim</u> Acres <u>100</u>	Size			
Location (waters) <u>Elk Creek</u>	20-16			
Well No. <u>One</u> Elev. <u>1605'</u>	Cond.			
District <u>Elk</u> County <u>Barbour</u>	13-10"			
The surface of tract is owned in fee by _____	9 5/8			
Address <u>Bridgeport, W.V.</u>	8 5/8	1032	1032	275sks
Mineral rights are owned by <u>Edna C. Crim</u>	7			
Address <u>Rt.1, Mt. Clare, W.V.</u>	5 1/2			
Drilling Commenced <u>10/7/77</u>	4 1/2	4286	4286	185 sks
Drilling Completed <u>10/11/77</u>	3			
Initial open flow <u>133</u> m cu. ft. _____ bbls.	2			
Final production <u>492</u> m cu. ft. per day <u>825#</u> bbls.	Liners Used			
Well open _____ hrs. before test _____ RP.				

Attach copy of cementing record.

<u>Benson</u> 477 bbls	15,000#	80/100 Sand
"	30,000#	20/40 Sand
<u>Riley</u> 750 bbls	30,000#	80/100 Sand
"	45,000#	20/40 Sand

Coal was encountered at 221'-26'; 305'-08' Feet 5' - 3' Inches
Fresh water 40' - 255' Feet _____ Salt Water _____ Feet _____
Producing Sand Benson, Riley Depth 4211-16; 3873-84

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
KB			0	10		
Sand			10	18		
Sand & Shale			18	93	Water @40'	½"stream
Sand			93	105		
Sand & Shale			105	206		
Sand			206	221		
Coal			221	226	Water @255	1½"stream
Sand			226	274		
Shale & Sand			274	290		
Shale			290	305	Water @456	½"stream
Coal			305	308		
Shale			308	315		
Sand & Shale			315	329		
Sand			329	409		
Sand & Shale			409	505		
Sand			505	542		
Sand & Shale	Red Rock		542	574		
Sand			574	623		
Shale			623	629		
Coal			629	632		
Sand			632	647		
Shale			647	665		
Coal			665	670		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			670	732		
Sand			732	750		
Sand & Shale			750	798		
Sand			798	905		
Sand & Shale			905	952		
Sand			952	1027		
Sand & Shale			1027	1057		
Red Rock & Shale			1057	1240		
Sand			1240	1265		
Sand			1265	1295		
Lime			1295	1310		
Big Lime			1250	1598		
Sand & Shale			1548	1555		
Sand			1555	1685		
Sand & Shale			1685	1768		
Sand			1768	1858		
Sand & Shale			1858	1861	Check Gas @1888	14/10=1" w/H ₂ O
Sand			1861	1890		
Shale - Red Rock			1890	1947		
Sand			1947	1960		
Sand & Shale w/Red Rock			1960	2090		
Sand & Shale			2090	2290		
Sand			2290	2327		
Shale			2327	2835		
Sand			2835	3870		
Shale & Sand			3870	3970		
Sand			3970	4160		
Sand & Shale			4160	4425		
Sand			4425	4445		
Sand & Shal3			4445	4580	T.D.	

Date July 28, 1978, 19

APPROVED Oil Discoveries, Inc. Owner

By John C. Moore
(Title)
Petroleum Engineer



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
SEP 12 1977
OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE August 31, 1977

Surface Owner Charles E. Compton
Address Bridgeport, W.Va.
Mineral Owner Edna C. Crim
Address Rt. 1, Mt. Clare, W.Va.
Coal Owner George H. Bortz and Don C. Harrold
Address Clarksburg, W.V.
Coal Operator _____
Address _____

Company Oil Discoveries, Inc.
Address P.O. Box 876, Bridgeport, W.Va.
Farm Blanche C. Crim Acres 100
Location (waters) Elk Creek
Well No. One (1) Elevation 1065
District Elk County Barbour
Quadrangle Brownnton 7.5

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 1-12-78.

INSPECTOR
TO BE NOTIFIED Billie Hatfield
ADDRESS Buckhannon, West Virginia
PHONE 472-4268

Robert T. Bell
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 July 9, 19 62 by Blanche C. Crim, widow made to Hope Natural Gas Company (~~now Consolidated Gas~~) and recorded on the 26th day of July, 19 62 in Barbour County, Book 46 Page 239

XX 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.

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

Very truly yours,
OIL DISCOVERIES, INC.
(Sign Name) By: Alvin Sorenson
Well Operator
P.O. Box 876
Street
Bridgeport
City or Town
West Virginia 26330
State

*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 reciting 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.

BLANKET BOND

BAR-899 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."

47-001

Signed by Alvin Sorenson
Petroleum Engineer

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

PROPOSED WORK ORDER TO XX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Not known _____ NAME Oil Discoveries, Inc. _____
 ADDRESS _____ ADDRESS P.O. Box 876, Bridgeport, W.Va. _____
 TELEPHONE _____ TELEPHONE (304) 842 3597 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 4400' _____ ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Benson _____
 TYPE OF WELL: OIL _____ GAS XX COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	1054		275 sks.
7			
5 1/2			
4 1/2	4340		150 sks.
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 20' FEET _____ SALT WATER 350" FEET _____
 APPROXIMATE COAL DEPTHS _____
 IS COAL BEING MINED IN THE AREA? _____ 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