



New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure ONE PART IN 200
 Source of Elevation C.G.S.C. WELL 3013 ELEV. 991'

"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."

Company SCOTT ENTERPRISES INC.
 Address P.O. BOX 112 SALEM, WEST VIRGINIA
 Farm S.B. Mc MILLAN
 Tract _____ Acres 907 Lease No. _____
 Well (Farm) No. SCOTT A4 Serial No. S-202
 Elevation (Spirit Level) 718'
 Quadrangle CENTERPOINT WC
 County MCDONALD District GRANT
 Engineer Daniel L. Wheeler
 Engineer's Registration No. 530 L.L.S.
 File No. _____ Drawing No. BOOK 2
 Date 9-13-76 Scale 1" = 1000'

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

WELL LOCATION MAP
 FILE NO. DODD-1852

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

47-017 P.S.P.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

RECEIVED

JUL - 8 1977

OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD

Quadrangle CENTERPOINT

Permit No. DODD-1852

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

Company Scott Enterprises, Inc.
Address P.O. Box 112, Salem, WV 26426
Farm S.B. McMillan Acres 907
Location (waters) Big Flint
Well No. B-818 (S-202) A-4 Elev. 718'
District Grant County Doddridge
The surface of tract is owned in fee by _____
Burgess Robinson
Address Shirley, WV
Mineral rights are owned by O. C. Haught
Address Rt. 1, Salem, WV
Drilling Commenced 4-6-77
Drilling Completed 4-13-77
Initial open flow 41 M cu. ft. _____ bbls.
Final production 103 M cu. ft. per day _____ bbls.
Well open 16 hrs. before test 310 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8	1119	1119	250
7			
5 1/2			
4 1/2	4852	4852	750
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Benson Frac - Perforations 4795-99 16 holes

30,000# 20-40 sand, 500 gal. 15% acid, 760 bbls. water.

Big Injun Frac - Perforations 1792-1827 15 holes

45,000# 20-40 sand, 500 gal. 15% acid, 730 bbls. water.

Coal was encountered at 315-20 Feet _____ Inches _____
Fresh water 23, 190, 265 Feet _____ Salt Water 1290 Feet _____
Producing Sand Benson, Big Injun Depth 4795-99, 1792-1827

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale			0	20		
Sand			20	75		
Shale			75	315		
Coal			315	320		
Limey shale			320	940		
Sand			940	1125		
Sandy shale			1125	1400		
Shale			1400	1765		Odor oil 1765
Lime			1765	1800		
Sandy shale			1800	2290		
Shale			2290	2450		
Sand			2450	2480		
Shale			2480	2780		No
Sand & shale			2780	4330		Check for gas at 2750- show
Shale			4330	4620		Check gas at 3810- 33 Mcf
Sandy shale			4620	4810		
<u>Benson sand</u>			-4810	4820		
Silty shale			4820	4957		Check gas at TD - 41 Mcf
T D				4957		

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
APR - 4 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 March 2, 1977

Surface Owner Burgess Robinson
Address Shirley, W.V.
Mineral Owner O.C. Haught
Address Rt. 1, Salem, W.V.
Coal Owner Burgess Robinson
Address Shirley, W.V.
Coal Operator None
Address _____

Company Scott Enterprise Inc.
Address P.O. Box 112, Salem, W.V.
Farm S.B. McMillan Acres 907
Location (waters) Big Flint
Well No. A-4 S-202 Elevation 718
District Grant County Doddridge
Quadrangle Centerpoint

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 8-5-77.

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Garrett
PH: 622-3871 ADDRESS Clarksburg, W. Va.

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 14 1909 by S.B. McMillan made to Carter Oil Co. and recorded on the _____ day of _____ 19____, in Doddridge County, Book 25 Page 354

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, W. Va. 26505

Address
of
Well Operator

Very truly yours, Scott Enterprise Inc.
(Sign Name) Arms J Scott
Well Operator
P.O. Box 112
Street
Salem
City or Town
W. V.
State

BLANKET BOND

*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.

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 S. W. Jack Drilling Co. NAME Scott Enterprise Inc.
 ADDRESS P.O. Box 48, Buckhannon ADDRESS P.O. Box 117, Salem W.V.
 TELEPHONE 472-2161 TELEPHONE 782-2523
 ESTIMATED DEPTH OF COMPLETED WELL: 4900 ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Benson
 TYPE OF WELL: OIL _____ GAS 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	1065	1065	240
7			
5 1/4			
4 1/2	4900	4900	125
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 50 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS 704 _____
 IS COAL BEING MINED IN THE AREA? No 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