



WELL TIES	BEARING	DISTANCE
STD. - LOCATION	N27° 23' W.	1070'
STD. - PENNZOIL # 8	N13° 59' W.	1116'
PENNZOIL NO. 8 - LOCATION	S59° 14' W.	259'

Minimum Error of Closure ONE PART IN 200
 Source of Elevation C.G.S.C. WELL 11716
ELEVATION 932'

"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."

- New Location
- Drill Deeper
- Abandonment

Company DOTSON OIL & GAS
 Address CENTER POINT, WEST VIRGINIA 26339
 Farm ARLIE G. DOTSON
 Tract Acres 446.50 Lease No. _____
 Well (Farm) No. _____ Serial No. DOTSON #1
 Elevation (Spirit Level) 794'
 Quadrangle CENTERPOINT *WC*
 County DODDRIDGE District GRANT
 Engineer Daniel L. Wheeler
 Engineer's Registration No. 530 L.L.S.
 File No. _____ Drawing No. _____
 Date OCTOBER 8th 1978 Scale 1" = 1000'

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

WELL LOCATION MAP
 FILE NO. DOD-2299

+ 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 OCT 30 1978



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division
WELL RECORD

RECEIVED

DEC 20 1978

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle CENTER POINT

Permit No. DODD-2299
(47-017)

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

Company DOTSON OIL & GAS
Address Center Point, W. Va.
Farm ARLIE G. DOTSON Acres 446.5
Location (waters) Big Flint
Well No. # 1 Elev. 794
District Grant County Doddridge
The surface of tract is owned in fee by Archie G. Dotson
Address Center Point, W. Va.
Mineral rights are owned by Archie G. Dotson
Address Center Point, W. Va.
Drilling Commenced Oct, 18-1978
Drilling Completed Oct, 26-1978
Initial open flow SHOW cu. ft. bbls.
Final production 270M cu. ft. per day bbls.
Well open S.I. 12 days hrs. before test 1500# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. <u>3 1/4</u>	<u>80'</u>	<u>80'</u>	To Surface
<u>9 5/8</u>			
<u>8 5/8</u> <u>8 5/8</u>	<u>I723'</u>	<u>I723'</u>	TO Surface
<u>7</u>			
<u>5 1/2</u>			
<u>4 1/2</u> <u>4 I/2</u>	<u>5010'</u>	<u>5010'</u>	I55 Pags
<u>3</u>			
<u>2</u>			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Fractured Benson, II/I3/78, with 750 bbl water, 57,000# Sand,
500 Gals Acid, 2500 HHP, . Perforation: 4868'-4871' with 12 Holes.

Coal was encountered at NONE Feet NONE Inches NONE
Fresh water 68' Feet Salt Water None Feet
Producing Sand Benson Depth 4868-4871

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Red Clay			0	20		
Shale			20	50		
Sand			50	80	Water	68' Fresh
Sand & Shale			80	605	Water	95' Fresh
Red Rock			605	675		
Shale			675	735		
Red Rock			735	765		
Sand & Shale			765	I655		
Red Rock			I655	I685		
Sand & Shale			I685	I730		
Pig Lime & Big Injun			I730	I970		Show of Oil I820
Sand & Shale			I970	3300		
Sand			3300	3390		
Sand & Shale			3390	3830		
Shale			3830	3925		
Sand & Shale			3925	4450		
Shale			4450	4845		
Brown Sand			4845	4860		
Slate			4860	5105		4868-4871 Benson gas
Sand & Shale			5105	5250		
Shale			5250	5533		T. D. Gas Show
Total Depth Drilled				5533		
Celled & Cemented back to				5010		Present Total Depth.
All measurments from K.F.						

10' above G.L.

(over)

Dotson Oil & gas
Center Point, W. Va.
2633 9

* Indicates Electric Log tops in the remarks section.

5533
4871
4868-4871 FT

JAN 4 1979



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED
OCT 12 1978
OIL & GAS DIVISION
DEPT. OF MINES

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

Surface Owner A G Dotson.
Address Center Point W.V.
Mineral Owner _____
Address Same
Coal Owner Same
Address _____
Coal Operator None.
Address _____

DATE Oct 12, 1978
Company Dotson Oil and Gas
Address Center Point W.V. 26339
Farm Archie G. Dotson Acres 446.5
Location (waters) Big Flint.
Well No. 1 Elevation 794
District Grant County Doddridge.
Quadrangle Center Point.

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 2-12-79.

INSPECTOR
TO BE NOTIFIED Paul Garrett.
ADDRESS 321 Beech Street Clarksburg W.V.
PHONE 622.3871

[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 June 1972 by Deed. made to _____ and recorded on the 11 day of Sept 1972, in Doddridge County, Book 163 Page 208
 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, Arleigh G Dotson
(Sign Name) Dotson Oil & Gas
Well Operator
Centerpoint, W.Va. 26339
Street
Center Point
City or Town
W.Va.
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.

BOND DRILL

DOD-2299

PERMIT NUMBER

PROPOSED WORK ORDER TO DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME S. W. Jack NAME A. G. Dotson
 ADDRESS Buckhannon ADDRESS Center Point W. V.
 TELEPHONE _____ TELEPHONE 782-1153
 ESTIMATED DEPTH OF COMPLETED WELL: 5000' 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	LIFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10	437	437	To Surface.
9 - 5/8			
8 - 5/8	1733	1733	700'
7			
5 1/2			
4 1/2	5000'	5000'	500'
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 50' FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS None
 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