



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

Source of Elevation USGS Elev. N 31° 34' W 1300' from LOCATION ELEV. 1227
 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.

Minimum accuracy, one part in 200

Company QUAKER STATE OIL REFS. CORP
 Address BOX 1227 PARKERSBURG, W.VA.
 Farm MADLINE RANKIN SUR. BLAINE BOOHER et al MIN.
 Tract _____ Acres 84 Lease No. _____
 Well (Farm) No. ONE Serial No. _____
 Elevation (Spirit Level) 1064 Surface
 Quadrangle WEST UNION NE Shirley?
 County TYLER District McELROY
 Surveyor or Engineer Arden T. Marshall Sur.
 Surveyor's or Engineer's Registration No. 3
 File No. _____ Drawing No. _____
 Date MAY 3, 1973 Scale 1" = 400'

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

WELL LOCATION MAP

FILE NO. File 954-(A)-PP NDW:
Trans to: Supl. 4 - Inac. 714

+ 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.

47-095

LATITUDE 392730

5408 LONGITUDE 8045

7.5 OGIS topo location

7.5' loc _____ 15' loc _____
(calc.) _____

Company Equitable Gas (0269)

Farm Blaine Booker 1

Quad Shirley 7.5' (607)

County Tyler

District McElroy

WELL LOCATION MAP

File No. Tyler byam 70540

~~(31/15/04)~~
~~(location only)~~

now 4F

Well No. 7140 ← Lease No. 42771 Name S. Dillon, District Para Grove, State W. Va. Acres 22
 County Tyler

Location Made.....
 Rig Commenced.....
 Drilling Commenced 7-13-25.....
 Rig Contractor.....
 Drillers.....
 First Work Done.....
 Rig Completed.....
 Drilling Completed 9-2-25.....
 { Drilling Contractor } G.O. Drilling Tools
 { H. K. M. Co. Inc., Spring No. }
 Tool Dressers.....

FORMATION	Open or Close Hard or Soft	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Native Coal								
Pittsburgh Coal		468						
Hard Limestone		1115	1142					
Big Limestone		1170	1190					
Gas Sand								Fractured 6-18-73
First Salt		1335	1370					287 Bbls. Oil
Second Salt		1480	1575		1520			
Third Salt		1640	1665					
Maxon		1735	1765					
Little Limestone		1900	1929					
Pencil Cave		1945	1945					
Big Limestone		1945	2055					
Sevier								
Big Injun		2055	2247					2065
Quaw								
Veir								
Merica								
Antz		2375	2475					2135
Fifty Foot		2577	2598					
Thirty Foot		2577	2598					
London Stray		2792	2815					2809
London								
Fourth								
Fifth								
Total Depth		2846						Initial Open Flow - 554,400 cu. feet. Initial Rock Pressure 195 lbs.

Tyler - 714
 Formerly 4-1
 ?

SIZE	Charged to Well		Put in Well		Pulled Out		Left in Well		Transferred Before Completing		Left at Well Not in Use		Steel Line Measurement		If more than two strings of casing are left in hole, give reasons for leaving additional strings.
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	
Csg.															
"			440		440										
1/4"			1185		1185										
1/8"			1976												
3/8"			103												
Tbg.			2846												

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
5/8" = 2"	Larkin		2729	

SHOOTING RECORD (If shot before or upon completion of well)

DATE	Gauge	Top of Shell	Bottom of Shell	Diameter	Sand	TEST BEFORE SHOT			TEST AFTER SHOT			Test Taken After Shot No. Hours	By Whom Shot
						Reading	Liquid	Opening	Reading	Liquid	Opening		

CEMENTING RECORD

Date Cemented.....Size Hole Cemented.....Size Casing Cemented.....
 Top Pittsburgh Coal.....Top Cementing.....Amount Cement Used.....
 Bottom Pittsburgh Coal.....Bottom Cementing.....Amount Sand Used.....
 Mr.....of.....Coal Company on ground when coal was cemented
 Remarks:.....Signature of persons who cemented well

Approved.....
 Foreman



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
MAY 18 1973

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 May 18, 1973

Surface Owner Madeline Rankin, Sur.

Company Quaker State Oil Refining Corp.

Address _____

P.O. Box 1327

Mineral Owner Blaine Booher, et al

Address Parkersburg, W Va 26101

Address Alma, West Virginia

Madeline Rankin, Sur.

Coal Owner None

Farm Blaine Booher, et al Min. Acres 84

Address _____

Location (waters) Walnut Fork of Indian Creek

Coal Operator None

Well No. 1 Elevation 1064'

Address _____

District McElroy County Tyler

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 fracturing. This permit shall expire if operations have not commenced by 9-18-73.

INSPECTOR TO BE NOTIFIED Mr. Paul Garr
321 Beech St. PH: 622-3971
Clarksburg, W. Va.
26301

[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 November 9 19 69 by Blaine Booher, et al made to Quaker State Oil Ref. Corp and recorded on the 12th day of April 19 -, in Tyler County, Book 188 Page 339

NEW WELL DRILL DEEPER REDRILL XX 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,
Quaker State Oil Refining Corporation
(Sign Name) Original Signed by Carl Heinrich
Well Operator

Address _____
of _____
Well Operator

Post Office Box 1327

Street

Parkersburg

City or Town

West Virginia 26101

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.

Transferred from TYL-954-A-PP

TYL-4-FRAC

PERMIT NUMBER

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

PROPOSED WORK ORDER TO: DRILL DEEPEN FRACTURE WELL

WELL OPERATOR: QUAKER STATE OIL REFINING CORPORATION RESPONSIBLE AGENT: ROBERT C. PINGREY

ADDRESS: Post Office Box 1327, Parkersburg, W. Va. ADDRESS: P. O. Box 1327, Parkersburg, W. Va.

TELEPHONE: 304-422-3517 TELEPHONE: 304-422-3517

DRILLING CONTRACTOR: (IF KNOWN) Company Tools LAND OWNER: Madeline Rankin

TELEPHONE: _____ TELEPHONE: Unknown

ESTIMATED DEPTH OF COMPLETED WELL: 2300' ROTARY _____

PROPOSED GEOLOGICAL FORMATION: Big Injun CABLE TOOLS

TYPE OF WELL: OIL _____ GAS _____ COMB. STORAGE _____ DISPOSAL _____
TYPE WASTE _____ RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING	CEMENT TO BE USED	FOR DRILLING	TO BE LEFT
20	_____	_____	_____
16	_____	_____	_____
13 3/8	_____	_____	_____
11 3/4	_____	_____	_____
10 3/4	_____	_____	_____
9 5/8	_____	_____	_____
8 5/8	_____	_____	_____
7	<u>None</u>	_____	<u>1975' in hole now</u>
5 1/2	_____	_____	_____
4 1/2	<u>50 Sx approx.</u>	_____	<u>2300' to be run</u>
3 1/2	_____	_____	_____
2 3/8	_____	_____	_____
LINERS USED	_____	_____	_____

APPROXIMATE DEPTHS OF EXPECTED POTABLE WATER STRATA None, _____, _____,

APPROXIMATE DEPTHS OF EXPECTED WORKABLE COAL SEAMS? None, _____, _____,

IS COAL BEING MINED IN THE AREA? None

WAIVER: I the undersigned, Agent for _____ Coal Company, owner or operator of the coal under this lease have examined and placed 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
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

RECEIVED

JUN 19 1973

OIL & GAS DIVISION
DEPT. OF MINES

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

None
COAL OPERATOR OR OWNER

None
COAL OPERATOR OR OWNER

Blain Booher (Minerals)
LEASE OR PROPERTY OWNER

Alma, W. Va.
ADDRESS

Quaker State Oil Refining Corp.
NAME OF WELL OPERATOR

P. O. Bx. 1327 Parkersburg, W. Va. 26101
COMPLETE ADDRESS

May 21, 1973
WELL AND LOCATION

McElroy
District

Tyler
County

Well No. ONE
Blain Booher (Minerals,
Madilen Rakin (Surface Farm
Paul Garrett

STATE INSPECTOR SUPERVISING PLUGGING

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Tyler

SS:

Phillip Tracy and Thomas Ice

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Quaker State Oil Ref Corp, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 21 day of May, 1973, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD	FILLING MATERIAL	PLUGS USED	CASING	
			CSG PULLED	CSG LEFT IN
FORMATION		SIZE & KIND		
Set Bridge At 2700' Back 2690'	With Stone			
2690' To 2680'	With Cement 3 Bags			
2680' To 2340'	With Clay			
2340' To 2310'	With Stone			
2310 To 2300'	4 Bags Cement			
COAL SEAMS	DESCRIPTION OF MONUMENT			
(NAME)				
(NAME)				
(NAME)				
(NAME)				

and that the work of plugging and filling said well was completed on the 21 day of May, 1973.

And further deponents saith not.

Sworn to and subscribed before me this 13 day of June, 1973

My commission expires:

25 Jan. 1975

Phillip L. Tracy
Thomas Ice
James E. Wallison
 Notary Public
 Permit No. *742934-1212*

Transferred to

Tyler-4-Fraci-PP

C. NOLL

JUL 3 1973

JUN 15 1973