Rev. — 71

A1

10 10-3-80

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED
OCT - 2 1980
OIL & GAS DIVISION
DEPT. OF MINES

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

DATE October 1, 1980

Surface Owner Lewis Wetzel Hunting Ground
Address DNR, Charleston, WV 25305
Mineral Owner Mills Wetzel Lands, Inc.
Address 10 S. LaSalle St., Chicago, IL 60600
Coal Owner Mills Wetzel Lands, Inc.
Address same as above
Coal Operator None
Address

Company QUAKER STATE OIL REFINING CORP.
Address P.O. Box 1327, Parkersburg, WV 26101
Farm John Mills, Jr. Acres 5228.5
Location (waters) Buffalo Run
Well No. 1 Elevation 835
District Grant County Wetzel
Quadrangle Pine Grove 7.5'

HIS PERMIT MUST BE POSTED AT THE WELL SITE

ll provisions being in accordance with Chapter 22, f the W. Va. Code, the location is hereby approved or fracturing. This permit shall expire if perations have not commenced by 6-14-81.

Deputy Director - Oil & Gas Division

INSPECTOR
TO BE NOTIFIED Phillip L. Tracy
ADDRESS Rt. #3, Alma, WV 26320
PHONE 758-4573

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 Nov. 30, 1948 by Mills Wetzel Lands, Inc. made to QUAKER STATE OIL REFG. CORP. and recorded on the 22 day of Sept. 1980 in Wetzel County, Book 60A Page 381

____ NEW WELL ____ DRILL DEEPER ____ REDRILL XXX FRACTURE OR STIMULATE XXX 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 1 st day October 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 REFG. CORP.
(Sign Name) Carl J. Carlson
Well Operator
Carl J. Carlson
P.O. Box 1327
Street
Address of Well Operator
Parkersburg,
City or Town
West Virginia 26101
State

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

*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 permitting 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.

47-103-1198-FRAC.
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."

Signed by Carl J. Carlson

BLANKET BOND

A-2

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

PROPOSED WORK ORDER TO _____ DRILL _____ DEEPEN XXX FRACTURE-STIMULATE

DRILLING CONTRACTOR: (If Known)
NAME QUAKER STATE OIL REFG. CORP.
ADDRESS P.O.Box 1327, Parkersburg, WV 26101
TELEPHONE 614-423-9543

RESPONSIBLE AGENT:
NAME Carl J. Carlson
ADDRESS P.O.Box 1327, Parkersburg, WV 26101
TELEPHONE 614-423-9543

ESTIMATED DEPTH OF COMPLETED WELL: 2710 ROTARY _____ CABLE TOOLS XXX

PROPOSED GEOLOGICAL FORMATION: Gordon & Big Injun

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

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	In Hole	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16				
10		310	0	
9 - 5/8				
8 1/4"		1090	465	
6 5/8"		1785	1785	
5 3/16"		1916	1916	
4 ½				
3	Pull 5 3/16" and clean out to 2710'. Run 4 1/2" to			Perf. Top
2	2710' with slotted liner through Gordon and formation packer			Perf. Bottom
Liners	collar above Gordon. Cement 4 1/2" to 300' above Big Injun.			Perf. Top
				Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS NA FEET _____ SALT WATER NA FEET _____
APPROXIMATE COAL DEPTHS 536' _____, _____.
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.

09/08/2023

_____
For Coal Company

_____
Official Title

BLANKET BOND

Ar 4

#220

Form IV-9
(01-80)

Date October 2, 19 80
Well No. John Mills #1
API No. 47 - 103 - 1198-FRAC.
State County Permit

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name QUAKER STATE OIL REFG. CORP. Designated Agent Carl J. Carlson
Address P.O.Box 1327, Parkersburg, WV 26101 Address P.O.Box 1327, Parkersburg, WV 26101
Telephone 614-423-9543 Telephone 614-423-9543
Landowner Lewis Wetzel Hunting Ground Soil Cons. District Upper Ohio SCD

Revegetation to be carried out by QUAKER STATE OIL REFINING CORP. (Agent)

This plan has been reveiwed by Upper Ohio SCD. All corrections and additions become a part of this plan. 10/9/80 (Date) Kenneth R. Mason (SCD Agent)

Access Road			Location		
Structure	Culvert	(A)	Structure		(1)
Spacing	Various		Material		
Page Ref. Manual	1.7, 2.5		Page Ref. Manual		
Structure		(B)	Structure		(2)
Spacing			Material		
Page Ref. Manual			Page Ref. Manual		
Structure		(C)	Structure		(3)
Spacing			Material		
Page Ref. Manual			Page Ref. Manual		

All structures should be inspected regularly and repaired if necessary.
All commercial timber is to be cut and stacked. All brush and small timber to be cut and removed from site before dirt work begins.

Revegetation

Treatment Area I		Treatment Area II	
Lime	Tons/acre	Lime	Tons/Acre
or correct to pH 6.5		or correct to pH	
Fertilizer 600 (10-20-20 or equivalent)	lbs/acre	Fertilizer (10-20-20 or equivalent)	lbs/acre
Mulch Straw 2	Tons/Acre	Mulch	Tons/Acre
Seed* KY31 Fescue 45	lbs/acre	Seed*	lbs/acre
	lbs/acre		lbs/acre
	lbs/acre		lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

Attach or photocopy section of involved Topographic map. Quadrangle Pine Grove 7.5'

Legend: ⊕ Well Site
—— Access Road

See attached copy of topo map.

RECEIVED
OCT 1 0 1980
OIL & GAS DIVISION
DEPARTMENT OF MINES

09/08/2023

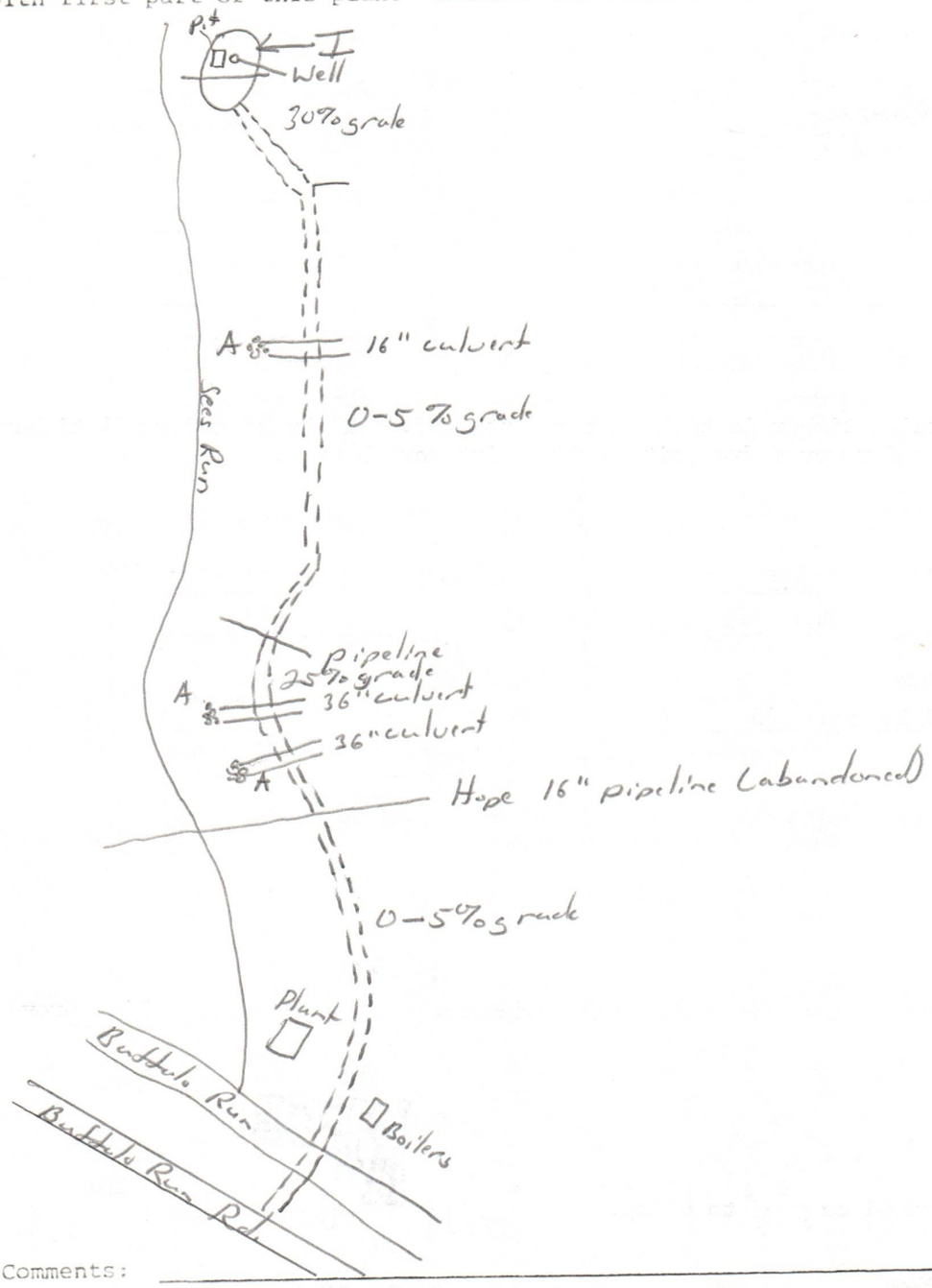
A-5

Well Site Plan

Legend: Property Boundry
Road
Existing Fence
Planned Fence
Stream
Open Ditch

Diversion
Spring
Wet Spot
Building
Drain Pipe
Waterway

Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with first part of this plan. Include all natural drainage.



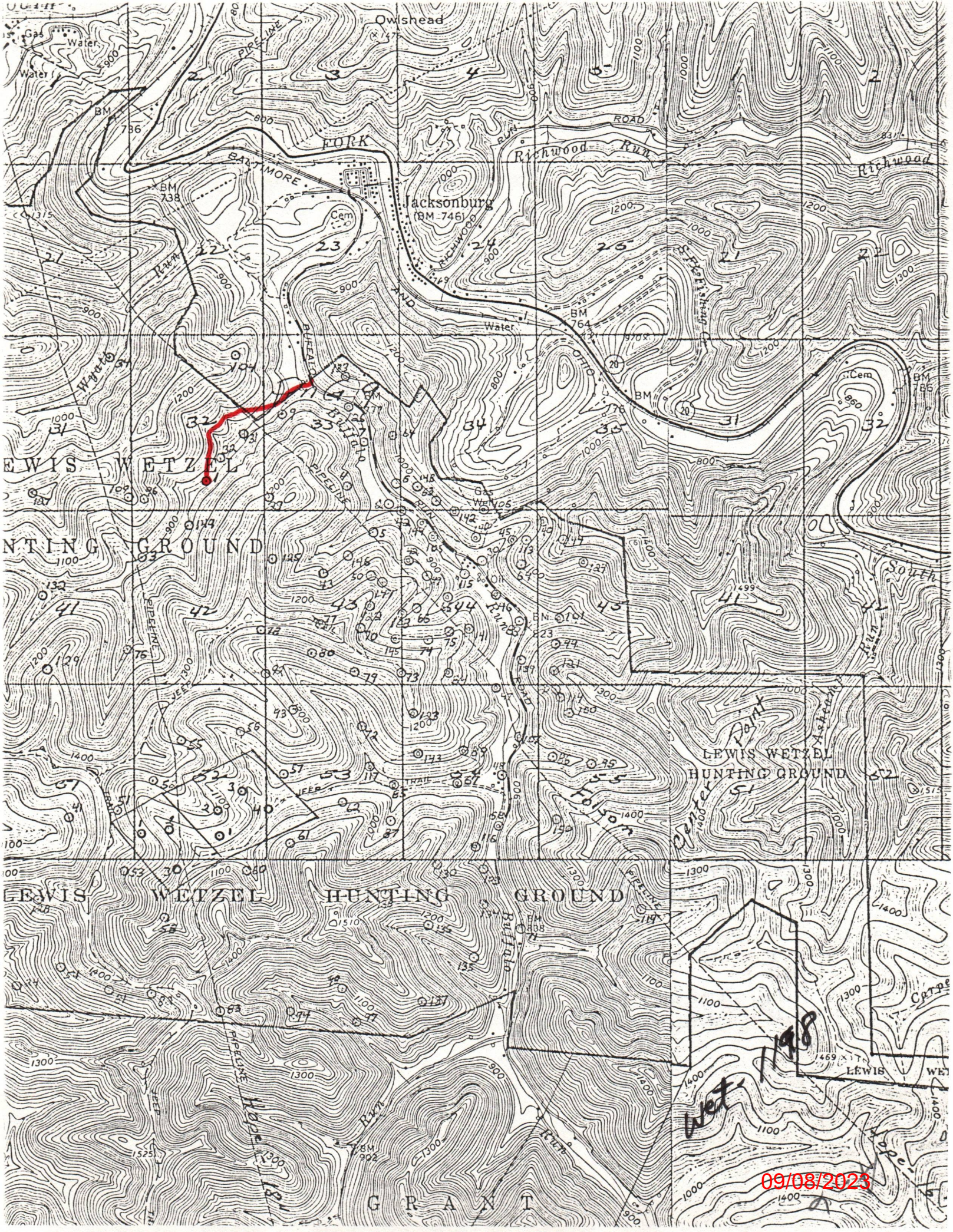
Comments: _____

Signature: Carl J. Carlson P.O. Box 1327, Parkersburg, WV 26101 614-423-9543
Agent Address Phone

Carl J. Carlson, Asst. Dist. Manager

09/08/2023

Please request landowners cooperation to protect new seeding for one growing season.


Owlshead
Gas
Water
Water
PIPELINE
BM 736
BALTIMORE
AND
OHIO
FORK
Richwood Run
ROAD
Richwood
Jacksonburg
(BM 746)
Cem
BM 738
RICHWOOD
Water
BM 764
Cem
BM 786
Wyatt
BUFFALO
Buffalo
Run
LEWIS WETZEL
HUNTING GROUND
South
Run
Holbert
Center
Point
Athens
LEWIS WETZEL
HUNTING GROUND
JEEP
TRAIL
LEWIS WETZEL HUNTING GROUND
Hope
Run
BM 902
GRANT
LEWIS
Wet
1148
09/08/2023

09/08/2023

RECEIVED
OCT 10 1980
OIL & GAS DIVISION
DEPT. OF MINES

B-1

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

Date: May 18, 1981

Operator's Well No. JOHN MILLS, JR. #1

API Well No. 47 - 103 - 1198
State County Permit

FORM IV-35 (Obverse)

[08-78]

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

WELL TYPE: Oil XX / Gas ____ / Liquid Injection ____ / Waste Disposal ____ /

(If "Gas", Production ____ / Underground storage ____ / Deep ____ / Shallow ____ /)

LOCATION: Elevation: 835 Watershed: Buffalo Run

District: Grant County: Wetzel Quadrangle: Pine Grove 7.5'

WELL OPERATOR QUAKER STATE OIL REFG. CORP.
Address P.O. Box 1327
Parkersburg, WV 26101

DESIGNATED AGENT Carl J. Carlson
Address P.O. Box 1327
Parkersburg, WV 26101

PERMITTED WORK: Drill ____ / Convert ____ / Drill deeper ____ / Redrill ____ / Fracture or stimulate XX

Plug off old formation ____ / Perforate new formation ____ /

Other physical change in well (specify) _____

PERMIT ISSUED ON October 14, 1980

(IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED _____, 19____)

OIL & GAS INSPECTOR FOR THIS WORK:
Name Phillip L. Tracy
Address Rt. #3
Alma, WV 26320

GEOLOGICAL TARGET FORMATION: Big Injun Depth 1867 - 2061 feet

Depth of completed well, 2010 feet Rotary ____ / Cable Tools X

Water strata depth: Fresh, NA feet; salt, NA feet.

Coal seam depths: 536 (non mineable) Is coal being mined in the area? No

Work was commenced December 1, 1980, and completed April 16, 1981

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor									Kinds Tension
Fresh water	10					310	0		packer at 1854'
Coal	8 1/4					1090	465		Sizes
Intermediate	6 5/8					1785	1785		
Production	5 1/2					1854	1854		Depths set
Tubing									
Liners									Perforations:
									Top Bottom

RECEIVED
JUN - 3 1981
OIL & GAS DIVISION
DEPT. OF MINES

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth 1886 - 1904 feet

Gas: Initial open flow, show Mcf/d Oil: Initial open flow, show Bbl/d

Final open flow, 10 Mcf/d Final open flow, 4 Bbl/d

Time of open flow between initial and final tests, --- hours

Static rock pressure, 50 psig (surface measurement) after --- 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 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

09/08/2023

FORM IV-35
(Reverse)

B-2

[08-78]

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

Fractured open hole from 1854 to 2010 on 3/27/81 with 662 bbl. water and 20,000# 10/20 sand. Breakdown at 2400 psi, treated at 1950 psi and 38 BPM. I.S.I. 1800 psi.

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Sandstone			0	447	
Shale			447	501	
Sandstone			501	562	
Shale			562	638	
Sandstone			638	1122	
Shale			1122	1150	
Sandstone			1150	1197	
Shale			1197	1211	
Sandstone & Shale			1211	1596	
Shale			1596	1771	
Little Lime			1771	1782	
Pencil Cave			1782	1798	
Big Lime			1798	1867	
Big Injun			1867	2061	
Shale			2061	2630	
Gordon Stray			2630	2635	
Shale			2635	2637	
Gordon			2637	2688 L.T.D.	

(Attach separate sheets to complete as necessary)

QUAKER STATE OIL REFINING CORPORATION
Well Operator

Michael C. Brannock

By Michael C. Brannock

Its Senior Geologist

NOTE: Regulation 2.02(i) provides as follows:

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

09/08/2023

OG-11 B-3

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

RECEIVED
NOV 19 1980
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 103-1198 Gas.

Oil or Gas Well _____ (KIND)

Company Quaker State Oil Ref.
Address Parkersburg W Va.
Farm John Mills Jr.
Well No. 1
District Grant County Wetzel
Drilling commenced _____
Drilling completed _____ Total depth _____
Date shot _____ Depth of shot _____
Initial open flow _____ /10ths Water in _____ Inch
Open flow after tubing _____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8¼			
6⅝			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date
NAME OF SERVICE COMPANY _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks: Fishing out tubing

Nov. 13 80
DATE

Phil Lego 372
DISTRICT WELL INSPECTOR

09/08/2023

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No._____ Well No._____

COMPANY_____ ADDRESS_____

FARM_____ DISTRICT_____ COUNTY_____

Filling Material Used_____

Liner_____ Location_____ Amount_____ Packer_____ Location_____

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names_____

Remarks:

_____ I hereby certify I visited the above well on this date.

DATE

09/08/2023

_____

DISTRICT WELL INSPECTOR

B-4 DG-11

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

RECEIVED
NOV 24 1980
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 103-1198

Oil or Gas Well (KIND)

Company Zugke State Oil
Address Parkersburg W.Va.
Farm John Mitt Jr.
Well No. 1
District Grant County Wetzel
Drilling commenced
Drilling completed Total depth
Date shot Depth of shot
Initial open flow /10ths Water in Inch
Open flow after tubing /10ths Merc. in Inch
Volume Cu. Ft.
Rock pressure lbs. hrs.
Oil bbls., 1st 24 hrs.
Fresh water feet feet
Salt water feet feet

CASING AND TUBING	USED IN DRILLING	Left in well	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8¼			
6⅝			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED SIZE No. FT. Date
NAME OF SERVICE COMPANY
COAL WAS ENCOUNTERED AT FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

Drillers' Names

Remarks: Fishing tubing.

Nov. 19, 80
DATE

Phil Lacy 572
DISTRICT WELL INSPECTOR

09/08/2023

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No._____

Well No._____

COMPANY_____ ADDRESS_____

FARM_____ DISTRICT_____ COUNTY_____

Filling Material Used_____

Liner	Location	Amount	Packer	Location

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names_____

Remarks:

_____ I hereby certify I visited the above well on this date.

DATE

09/08/2023

_____

DISTRICT WELL INSPECTOR

OG-11

B-5

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. 103-1178

Oil or Gas Well _____ (KIND)

Company Linker State Oil

Address Parkersburg W Va

Farm John Mills Jr.

Well No. 1

District Grant County Wetzel

Drilling commenced _____

Drilling completed _____ Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	Left in well	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8¼			
6⅝			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

RECEIVED DEC 11 1980 OIL & GAS DIVISION DEPT. OF MINES

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks: Flushing Lines

Dec 5, 80
DATE

[signature]
DISTRICT WELL INSPECTOR

09/08/2023

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No._____

Well No._____

COMPANY_____ ADDRESS_____

FARM_____ DISTRICT_____ COUNTY_____

Filling Material Used_____

Liner Location Amount Packer Location

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names_____

Remarks:

_____ I hereby certify I visited the above well on this date.

DATE

09/08/2023

_____

DISTRICT WELL INSPECTOR

B-10

Date: June 1, 19 81

Operator's Well No. John Mills Jr. #1

API Well No. 47 - 103 - 1198
State County Permit

FORM IV-38

[08-78]

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

Partial

AFFIDAVIT OF PLUGGING AND FILLING WELL

WELL TYPE: Oil XX / Gas ____ / Liquid Injection ____ / Waste Disposal ____ /
(If "Gas", Production ____ / Underground storage ____ / Deep ____ / Shallow ____ /

LOCATION: Elevation: 835 Watershed: Buffalo Run
District: Grant County: Wetzel Quadrangle: Pine Grove 7.5'

WELL OPERATOR QUAKER STATE OIL REFG. CORP.
Address P.O. Box 1327
Parkersburg, WV 26101

DESIGNATED AGENT Carl J. Carlson
Address P.O. Box 1327
Parkersburg, WV 26101

STATE OF WEST VIRGINIA,)
) SS:
COUNTY OF Wood)

Donald Van Dine and Paul Huggins,

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; that they were employed by QUAKER STATE OIL REFG. CORP., the well operator, and participated in the work of plugging and filling the above well; that the work was commenced on Feb 16, 19 81, and completed on Feb. 18, 19 81, in the following manner:

PERMITTED WORK: Plug and abandon ____ / Clean out and ~~replug~~ XXXXXX Fracture X

PLUGGING MATERIALS

Type of Cement	Other Materials	Depth	Thickness
Rock&gravel	2200 -	2180	20'
Cement	2180 -	2170	10'
Pea gravel	& red mud	2170-2020	150'
Cement	2020 -	2010	10'

Bridge Plugs Used--Type and Depth
none

VENT PIPE

MISCELLANEOUS MATERIALS

CASING LOST 7' - 5 3/16"

TYPE OF RIG:
Owner: Well Op'r X / Contractor ____ /
Rig time: 3 days plus ____ hours

COAL SEAMS (NAMES AND DEPTHS)
Pittsburgh Coal - 536

DESCRIPTION OF WELL MONUMENT
Lost two strings of tools- 96' overal length - from 2170 to 2074. Filled in around tools and up to 2020' w/75% pea gravel & 25% red mud, set bridge. Well completed in Big Injun.

RECEIVED
JUN - 3 1981
OIL & GAS DIVISION
DEPT. OF MINES

Donald Van Dine (SEAL)
Paul Huggins (SEAL)

09/08/2023

Subscribed and sworn to before me this 1st day of June, 1981.
My commission expires 2/25, 1985.

DOLORES L. BRANCH
Notary Public, State of Ohio
My Commission Expires Feb. 25, 1985

Dolores L Branch
Notary Public

09/08/2023

OG-11

B-7

Well Rec

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. 103-1198

Oil or Gas Well _____ (KIND)

Company Quaker State

Address Parkersburg W. Va

Farm John Mills Jr

Well No. 1

District Grant County Wetzel

Drilling commenced _____

Drilling completed _____ Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8¼			
6⅝			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

RECEIVED

APR 19 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Drillers' Names _____

Remarks: Final Inspection accepted

4-15-82
DATE

R. A. Lowther 5/2
DISTRICT WELL INSPECTOR

09/08/2023

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No._____ Well No._____

COMPANY_____ ADDRESS_____

FARM_____ DISTRICT_____ COUNTY_____

Filling Material Used_____

Liner Location Amount Packer Location

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names_____

Remarks:

_____ I hereby certify I visited the above well on this date.

DATE

09/08/2023

_____

DISTRICT WELL INSPECTOR

B-11

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

FINAL INSPECTION REQUEST

INSPECTOR'S COMPLIANCE REPORT

RECEIVED
NOV 17 1983
OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 103-1198 County Wetzel
Company Quaker State Farm John Mills
Inspector Well No. 1
Date

RULE	DESCRIPTION	IN COMPLIANCE Yes	No
23.06	Notification Prior to starting Work	✓	
25.04	Prepared before Drilling to prevent waste	✓	
25.03	High-Pressure Drilling	✓	
16.01	Required Permits at wellsite	✓	
15.03	Adequate Fresh Water Casing	✓	
15.02	Adequate Coal Casing	✓	
15.01	Adequate Production Casing	✓	
15.04	Adequate Cement Strength		
23.02	Maintained Access Roads	✓	
25.01	Necessary Equipment to prevent Waste	✓	
23.03	Reclaimed Drilling Site	✓	
23.04	Reclaimed Drilling Pits	✓	
23.05	No surface or underground Pollution	✓	
7.03	Identification Markings	✓	

COMMENTS:

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED: R.A. Lowther
DATE: 11-15-83

09/08/2023

09/08/2023

B-14

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

WALTER N. MILLER
DIRECTOR

May 20, 1982

Quaker State Oil Refining Corp.
P. O. Box 1327
Parkersburg, W. V. 26101

Dear Sir:

The required records and reports have been received in this office and the District Inspectors have submitted Final Inspections for the following wells listed below:

PERMIT NO.	FARM AND WELL NO.	DISTRICT
WET-1198-FRAC.	John Mills, Jr., #1	Grant
WET-1199-FRAC.	John Mills, Jr., #125	Grant
WET-1200-FRAC.	John Mills, Jr., #138	Grant
WET-1224	Mills Wetzel Lands, Inc./J. Mills, Jr. #154	Grant
WET-1225	Mills Wetzel Lands, Inc./John Mills, Jr. #155	Grant
WET-1226	Mills Wetzel Lands, Inc./John Mills, Jr. #156	Grant
WET-1227	Mills Wetzel Lands, Inc./John Mills, Jr. #157	Grant

In accordance with Chapter 22, Article 4, Section 2, the bond coverage for above captioned wells will stay in force for life of well. Reclamation requirements have been approved..... ..

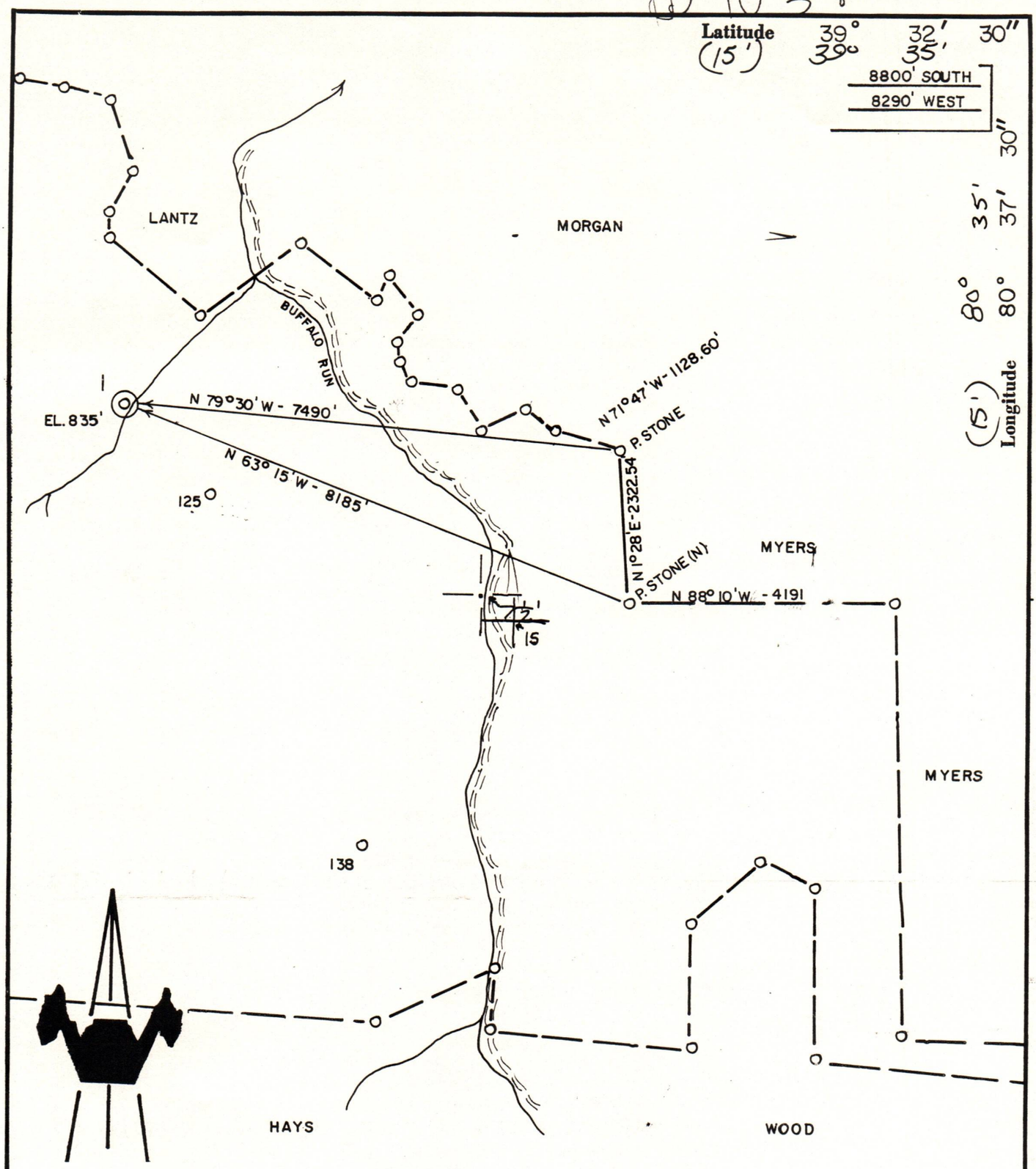
Very truly yours,

Fred Burdette

Fred Burdette

09/08/2023

10-3-80



ACCURACY: 1'/200'

New Location ☐
Drill Deeper ☐
Abandonment ☐
Fracture ■
Redrill ☐
Other _____

Formation ~~GORDON~~
Est. Depth ~~2900'~~

Oil ■
Gas ☐
Other _____

Source of Elevation B.M. ON BUFFALO (823')

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.

Chet Waterman

Company QUAKER STATE OIL REF. CORP.
Address PARKERSBURG, WV
Surface Owner LEWIS WETZEL HUNTING GROUND
Mineral Owner MILLS WETZEL LANDS, INC.
Farm JOHN MILLS, JR.
Well No. 1 **Acres** 5228.5
Elevation 835' LITTLETON 15'
Quadrangle PINE GROVE **Series** 7.5'
County WETZEL **District** GRANT
Date 9/24/80 **Scale** 1' = 2000'

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

09/08/2023

WELL LOCATION MAP

47 - 103 - 1198 FRAC.
STATE COUNTY PERMIT

+ Denotes location of well on United States Topographic Maps.
Engineer CHET WATERMAN
Engineer's Registration No. 3788 File No. 80-557

2710 GORDON & BIG INJUN