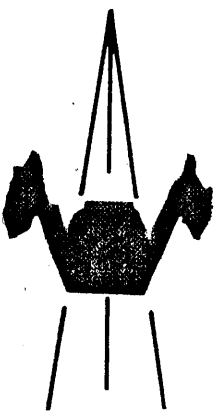
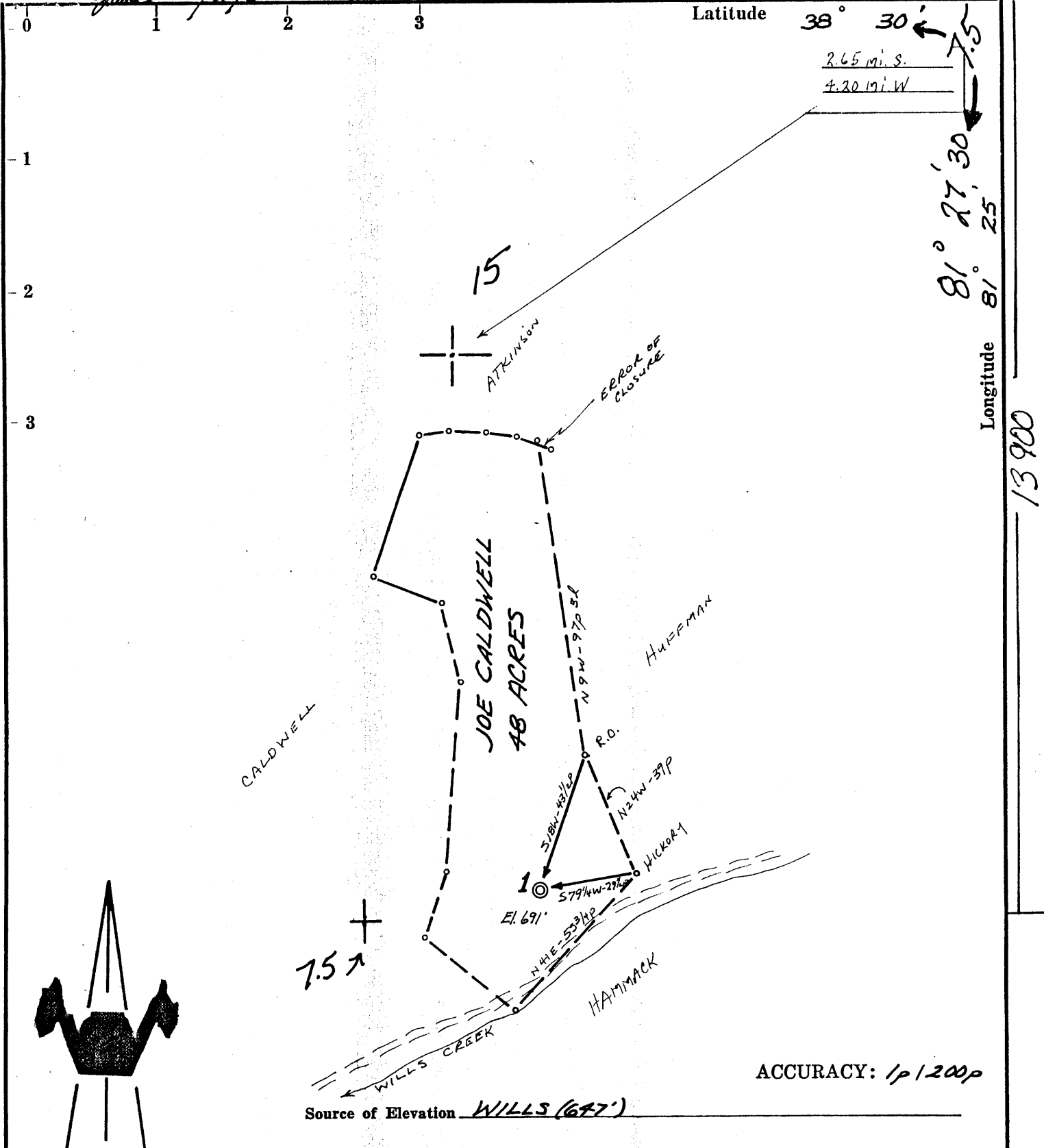


June 5/2/88

9900

13/31/1900



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

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 Quaker State Oil Refining Co.
 Address PARKERSBURG, W.VA.
 Farm JOE CALDWELL
 Tract Acres 48 Lease No. 250K
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 691'
 Quadrangle CLENDENIN 15 Bluebook 75
 County KANAWHA District ELK
 Engineer CHET WATERMAN
 Engineer's Registration No. 3788
 File No. 68003-193 Drawing No. _____
 Date 10/28/68 Scale 1" = 400'

Chet Waterman

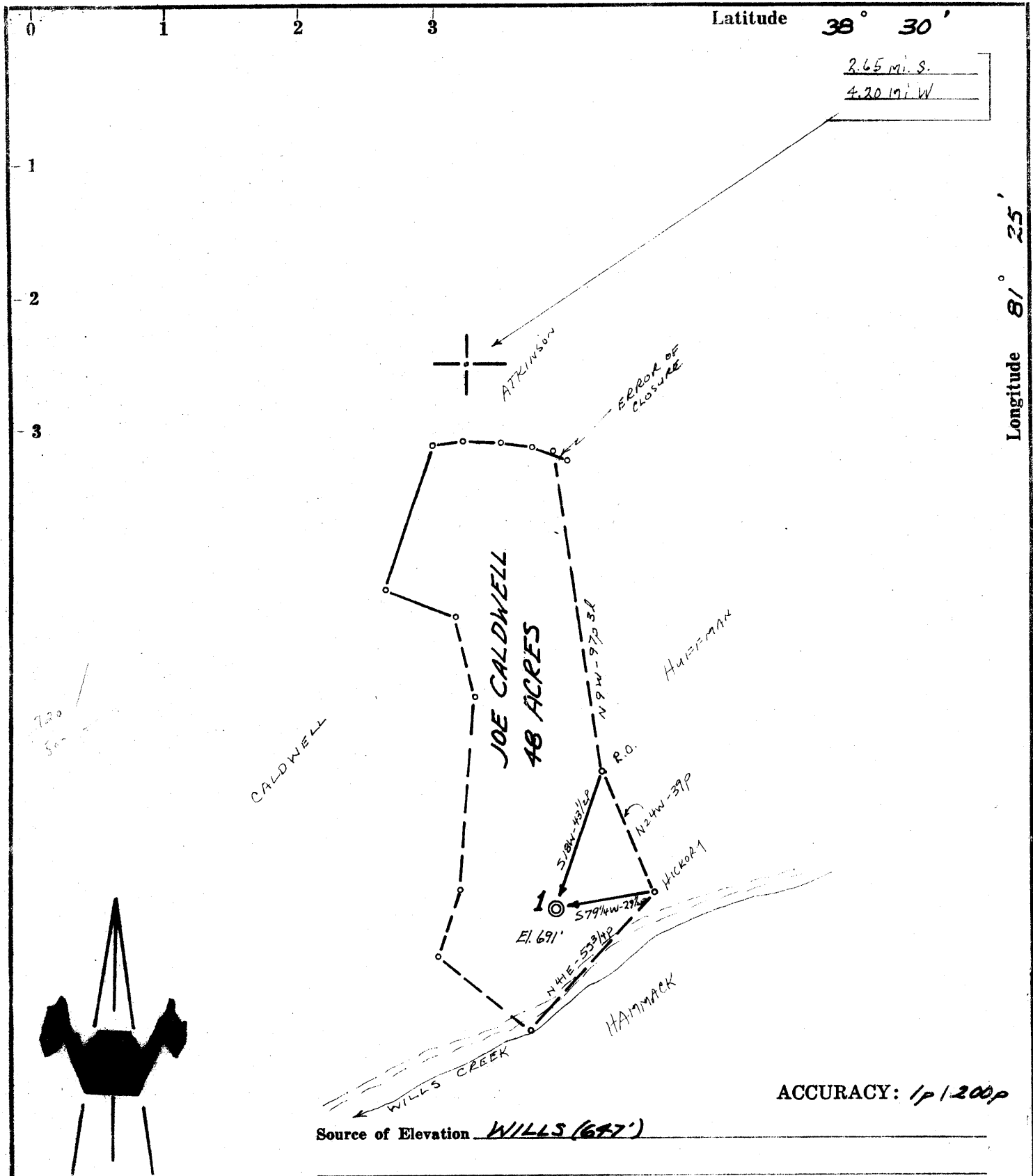
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. KAN-2328-P

+ 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. **MAY 09 1900**

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

47-039



ACCURACY: 1/200p

Source of Elevation WILLS (691')

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

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.

7.5 0615 topo - property - 4565 topo loc
 38° 30' 00" 2.63
 81° 27' 30" 1.85W

15' loc
 2.63S
 4.11W

Chet Waterman

Company MAREVE OIL CORP.
 Address PARKERSBURG, W.VA.
 Farm JOE CALDWELL
 Tract Acres 48 Lease No. 250K
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 691'
 Quadrangle CLENDENIN NW
 County KANAWHA District ELK
 Engineer CHET WATERMAN
 Engineer's Registration No. 3788
 File No. 68003-193 Drawing No. _____
 Date 10/20/68 Scale 1" = 40P

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

WELL LOCATION MAP
 FILE NO. KAN-2328

+ 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.

Shallow

NOV 12 1968



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Clendenin

Permit No. KAN-2328

WELL RECORD

Oil or Gas Well Oil
(KIND)

Company Mareve Oil Corp.
Address P. O. Box 1228, Parkersburg, W. Va.
Farm Joe Caldwell Acres 208-1/2
Location (waters) Wills Creek
Well No. 1 Elev. 691
District Elk County Kanawha
The surface of tract is owned in fee by Joe Caldwell Heirs
Address Elkview, W. Va.
Mineral rights are owned by Joe Caldwell Heirs
Address Elkview, W. Va.
Drilling commenced 11-21-68
Drilling completed 11-25-68
Date Shot From To
With

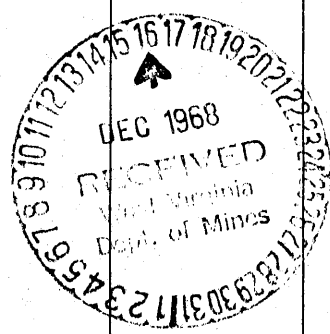
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			Depth set
8 8-5/8	245	245	
6 3/4	Cement Circ.		
5 3/16			Perf. top
4 1/2			Perf. bottom
3			Perf. top
2			Perf. bottom
Liners Used			

Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume Cu. Ft.
Rock Pressure lbs. hrs.
Oil Show bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS) 11,500 #sand & 11,500 gallons gelled fresh water.

Attach copy of cementing record.
CASING CEMENTED 4 1/2 SIZE 1779 No. Ft. 11-25-68 Date
Amount of cement used (bags) 150
Name of Service Co. Howco
COAL WAS ENCOUNTERED AT FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 28 BOPD
ROCK PRESSURE AFTER TREATMENT HOURS
Fresh Water Feet Salt Water Feet
Producing Sand Big Injun Depth 1635-1673

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface Rock & Sand			0	75			
Shale & Rock			75	245			
Shale & Sand Stréaks			245	345			
Sand & Shale			345	570			
Sandy Shale			570	890			
Salt Sand			890	1470			
Little Lime			1470	1494			
Pencil Cave			1494	1497			
Big Lime			1497	1635			
Big Injun			1635	1673			
Shale			1673	1785	(T.D.)		



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVITE SHOULD BE IN TRIPLICATE, one copy mailed to the Division, 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.

Farm name: LUCAS, RUSSELL & NELLIE Operator Well No.: CALDWELL 1

LOCATION: Elevation: 691.00 Quadrangle: BLUE CREEK
District: ELK County: KANAWHA
Latitude: 13900 Feet South of 38 Deg. 30 Min. 0 Sec.
Longitude 9900 Feet West of 81 Deg. 27 Min. 30 Sec.

Company: Quaker State Corporation Coal Operator N/A
P.O. Box 189 or Owner
Belpre, Ohio 45714

Agent: Frank Rotunda Coal Operator N/A
Inspector: Carlos Hively or Owner
Permit Issued: 05/05/88

RECEIVED
OCT 05 1988

AFFIDAVIT

STATE OF ~~WEST VIRGINIA~~ OHIO
County of ~~Washington~~ ss:

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

George Cumberledge and Timothy R. Clever 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 Corporation, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 30th day of August, 1988, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Class A cement (10sx)	1670	1570		
Gel (6%)	1570	716		245 (8 5/8)
Cement (30 sx)	716	616	716-0	716-1779 (4 1/2)
Gel (30 sx)	616	312		
Cement	312	175		
Gel	175	100		
Cement (30 sx)	100	0		

10/6/88
8730/88

Description of monument: 7" casing with plate reading Caldwell # 47-039-2328P

and that the work of plugging and filling said well was completed on the 30th day of August, 1988.

And further deponents saith not.

Timothy R. Clever
George Cumberledge

Sworn and subscribe before me this 23rd day of September, 1988

My commission expires: Notary Public, State of Ohio
Dolores L. Branch
My Commission Expires March 14, 1990

Dolores L. Branch
Notary Public

OCT 10 1988