

NOTE NOTATIONSEntered in NID File ✓

Entered On S R Sheet _____

Location Map Pinned ✓Card Indexed ✓

IWR for State or Fee Land _____

Checked by Chief R.D.Copy NID to Field Office ✓Approval Letter In Unit

Disapproval Letter _____

COMPLETION DATA:Date Well Completed 3-25-62Location Inspected Ulc & PWB

OW _____ WW _____ TA _____

Bond released _____

GW _____ OS _____ PA ✓

State of Fee Land _____

LOGS FILEDDriller's Log 3-29-62Electric Logs (No.) 2E _____ I _____ E-I ✓ GR _____ GR-N _____ Micro _____Lat. _____ Mi-L _____ Sonic ✓ Others _____

THE PURE OIL COMPANY LOCATION REPORT

A.F.E. No. 4512 - 1

Date December 19, 1961

Division Northern Producing Prospect District Four Corners (Washboard Wash Prospect) U.S.A. (Utah 017370)

Acres 960 Lease No. 8753 Elevation _____ Well No. 1-A (Serial No. _____)

Quadrangle NE NW Sec. 12 Twp. 16S Rge. 9E Blk. Dist. Twp. _____

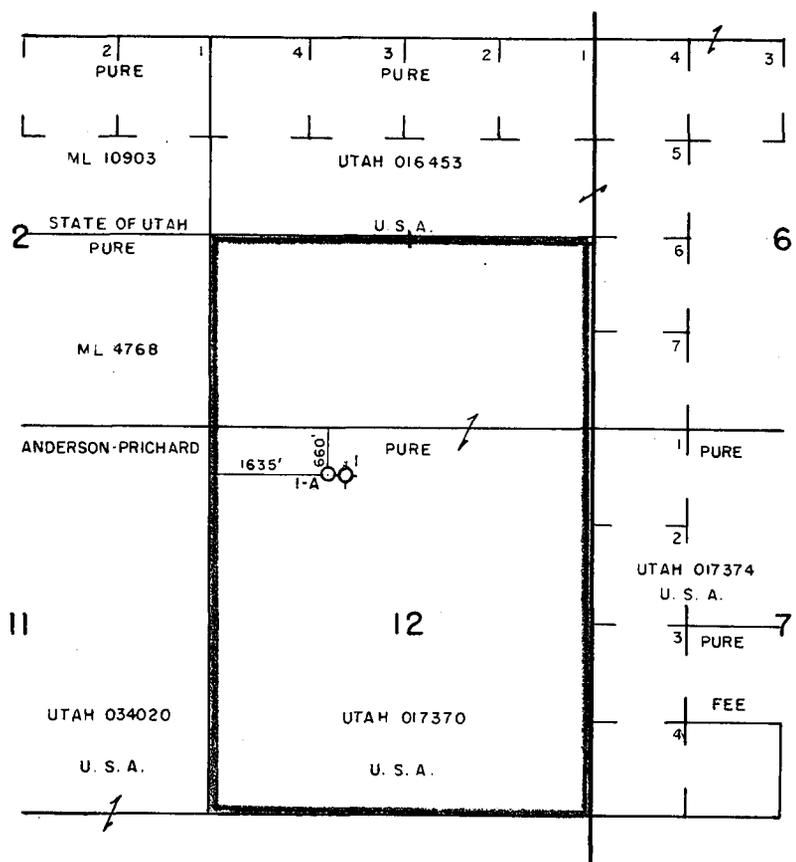
Survey S L P M County Emery State Utah

Operator The Pure Oil Company Map Utah 6-8

660 Feet South of the North line of Section
1635 Feet East of the West line of Section
 Feet _____ of the _____ line of _____
 Feet _____ of the _____ line of _____

LEGEND

- Location
- ☀ Gas Well
- Oil Well
- ☀ Gas—Distillate Well
- ⊙ or ⊖ Dry Hole
- ⊖ Abandoned Location
- ☀ or ☀ Abandoned Gas Well
- or ● Abandoned Oil Well
- ⊖ or ⊖ Input Well



Scale 2" = 1 MILE

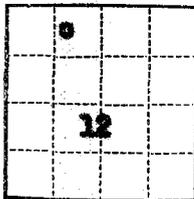
Remarks: _____

Submitted by *R. L. Ludick*

Civil Engineer

Approved by _____ Division Manager

Approved by _____ Vice-President—General Manager



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake City**

Lease No. **USA Utah 017370**

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Washboard Wash USA **December 18,** 19 **61**

Well No. **1-A** is located **660** ft. from **[N]** line and **1635** ft. from **[E]** line of sec. **12**

12 NE NW Sec. **12** **16S** **9E** **S. L. P. M.**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wasatch **Emery** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ **ground** above sea level is **5837** ft. ~~KB elevation~~ **5852'**.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Proposed Casing Program:

- 50' - 20" OD Conductor (Cemented to surface)**
- 500' - 13-3/8" OD Surface Casing (Cemented to surface)**
- 5,900' - 9-5/8" OD Intermediate Casing (Cemented with sufficient cement to cement back to 3000')**
- 11,500' - 5-1/2" OD Production String (Sufficient cement as needed after determining what formation should be covered)**

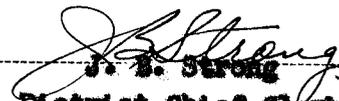
Principal objective - **Cambrian**
Estimated Total Depth - **11,500'**
Anticipated Spud Date - **12-28-61**

Unorthodox location due to topography.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations can be commenced.

Company **The Pure Oil Company**

Address **P. O. Box 265**
Hoab, Utah
Alpine 3-3581

By 
J. E. Strong
Title **District Chief Clerk**

December 20, 1961

The Pure Oil Company
P. O. Box 265
Moab, Utah

Attn: J. B. Strong, Dist. Chief Clerk

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Washboard Wash USA #1-A, which is to be located 660 feet from the north line and 1635 feet from the west line of Section 12, Township 16 South, Range 9 East, SLPM, Emery County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well on said unorthodox location is hereby granted in accordance with Rule A-3 of our rules and regulations.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Under Rule A-3, the approval of this Commission is not necessary when an unexecuted copy of the unit agreement is on file with this office. In such a case, it is only necessary to file copies of all notices of intention and subsequent reports that are filed with the United States Geological Survey.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FRIGHT,
EXECUTIVE DIRECTOR

CBF:avg

cc: Don F. Russell, Dist. Eng.
U. S. Geological Survey

H. L. Coonts - OGCC, Moab

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.
LAND OFFICE Salt Lake City
LEASE NUMBER Utah 017370
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Emery Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1961.

Agent's address P. O. Box 265 Company The Pure Oil Company
Moab, Utah Signed J. B. Strong

Phone ALpine 3-3581 Agent's title District Chief Clerk

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>W½ NE NW</u> <u>Sec. 12</u> <u>Washboard Wash</u>	<u>16S</u>	<u>9E</u>	<u>1-A</u> <u>USA No. 1-A</u>	<u>-0-</u> <u>1-A</u>	<u>-0-</u>					<u>Location: 660' FWL and 1635' FWL. L & S elevations: OR 5839', KB 5854'. Skidded rig 12-23-61. Spudded at 4:30 a.m. 12-29-61. Drilled 12-1/4" hole to 70'. Reamed 12-1/4" hole to 26" to 63'. Set 2 jts. (65.15') 20" OD 9½# casing at 63'. Cemented with 75 sax regular cement with 2% calcium chloride. Job complete at 4:30 p.m. 12-29-61. Drilled 12-1/4" hole to 533'. Reamed to 17-1/4" to 532'. Ran 18 jts. of 13-3/8" OD casing (1 jt. 5½#, 17 jts. 48# (538'), set at 532'. Cemented with 265 sax 50-50 Pozmix with 6% gel, 1# Tufplug, 1/4# Floccs and 2% calcium chloride. Tailed in with 150 sax regular cement with 2% calcium chloride. Plug down at 12:15 a.m. 1-1-62. Good returns on cement. Now nipping up.</u>

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;
No runs or sales of gasoline during the month. (Write "no" where applicable.)

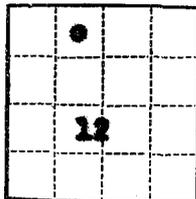
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

(SUBMIT IN TRIPLICATE)

Land Office **Salt Lake City**

Lease No. **USA Utah 017370**

Unit _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 3, 1962

Washboard Wash USA

Well No. **1-A** is located **660** ft. from **N** line and **1635** ft. from **W** line of sec. **12**

W **NE** **NW** Sec. **12**
($\frac{1}{4}$ Sec. and Sec. No.)

16S
(Twp.)

9E
(Range)

S.L.P.M.
(Meridian)

Wildcat

(Field)

Emery

(County or Subdivision)

Utah

(State or Territory)

The elevation of the ~~center of well~~ **ground** above sea level is **5837** ft. **KB elevation 5852'**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded at 4:30 a.m. 12-29-61. Drilled 12-1/4" hole to 70' and reamed to 26" to 63'. Set 2 jts. (65.18') 20" OD 9lb casing at 63'. Cemented with 75 sax regular cement with 2% calcium chloride. Job complete at 4:30 p.m. 12-29-61.

Drilled 12-1/4" hole to 533' and reamed to 17-1/2" to 532'. Set 18 jts. of 13-3/8" OD casing (1 jt. 5lb, 17 jts. 18lb, 538') at 532'. Cemented with 265 sax 50-50 Pomix with 6% gel, 1/4" Turplug, 1/4" Floccs and 2% calcium chloride. Tailed in with 150 sax regular cement with 2% calcium chloride. Plug down at 12:15 a.m. 1-1-62. Good returns on cement.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations are commenced.

Company **The Pure Oil Company**

Address **P. O. Box 265**

Moab, Utah

By _____

Title _____

J. B. Strong
District Chief Clerk

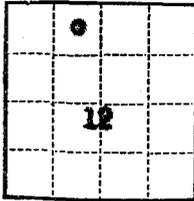
WMS

Copy to HC

PLL

Form 9-881a
(Feb. 1951)

Budget Bureau No. 42-R368.4.
Approval expires 12-31-60.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. USA Utah 017370

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 30, 1962

Washboard Wash USA

Well No. 1-A is located 660 ft. from N line and 1635 ft. from W line of sec. 12

W 1/2 NE NW Sec. 12 16S 9E S.L.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat Emery Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~denivel floor~~ ^{ground} above sea level is 5839 ft. KB elevation 5854' L & S elevations

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

1-29-62: Drilled from 532' to 5962'. Set 162 jts. of 9-5/8" OD 40# and 43.50# casing at 5962'. Cemented with 875 sack of 50-50 Formix with 4% gel and with 1/4# Floccle and 1# Tufplug per sack. Tailed in with 200 sack regular cement with 2% calcium chloride. Plug down at 2:15 p.m. 1-29-62. Good circulation throughout cement job. Set slips at 11:00 p.m., cut off at 11:30 p.m. Now nipping up.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Pure Oil Company

Address P. O. Box 265

Moab, Utah

Alpine 3-3581

By J. B. Strong
J. B. Strong
Title District Chief Clerk

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE Salt Lake City
LEASE NUMBER Utah 017370
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Emery Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 19 62,

Agent's address P. O. Box 265 Company The Pure Oil Company
Moab, Utah

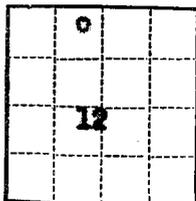
Phone ALpine 3-3581 Signed J. B. Strong
Agent's title District Chief Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>W 1/4 NE NW Sec. 12 Washboard</u>	<u>16S</u>	<u>9E</u>	<u>1-A</u>	<u>-0-</u>	<u>-0-</u>					<u>Drilled from 533' to 5962'. Set 162 jts. of 9-5/8" OD 40# and 43.50# casing at 5962'. Cemented with 875 sax of 50-50 Poz-mix with 4% gel and with 1/4# Flocele and 1# Tufplug per sack. Tailed in with 200 sax regular cment with 2% calcium chloride. Plug down at 2:15 p.m. 1-29-62. Good circulation throughout cement job. Drilled to 5995' with air. Unable to dry up hole. Set RPTS packer at 5881'. Mixed 150 sax regular cement with 16.1# salt per sack also with 2% CaCl. Spotted cement at 5000# Reset packer, cleared tool of cement. Staged cement 1/2 bbls. at a time. Squeezed at 4600#. Total of 140 sax in formation. Job complete at 7:30 a.m. 2-1-62.</u>

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. USA Utah 017370

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 27, 19 62

Washboard Wash USA

Well No. 1-A is located 660 ft. from N line and 1635 ft. from W line of sec. 12

W 1/2 NE NW Sec. 12
(1/4 Sec. and Sec. No.)

16S
(Twp.)

9E
(Range)

S.L.B & M.
(Meridian)

Wildcat
(Field)

Emery
(County or Subdivision)

Utah
(State or Territory)

The elevation of the ~~surface~~ ^{ground} above sea level is 5839 ft. KB elevation 585 1/2'

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Rigged up to drill with air after setting 9-5/8" OD casing at 5962' on 1-29-62. Unable to dry up hole. Drilled to 5995'. Hole making 4-5 bbls. salt water. Loaded hole with fresh water. Set RTTS packer at 5881'. Mixed 150 sax regular cement with 16.1% salt per sack, also 2% CaCl. Spotted cement at 5000'. Reset packer, cleared tool. Pumping at 2000#, 126 sax cement in formation. Staged cement 1/2 bbls. at a time. Squeezed with 4600#. Total of 140 sax in formation. Job complete at 7:30 a.m. 2-1-62. Drilled with air to 8330'. Unable to dry up hole. Mixed mud and now drilling at 9417' with mud.

SAMPLE TOPS

Cocconino 7715' (-1861)
Oquirrh 8330' (-2476)
Manning Canyon 9040' (-3186)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Pure Oil Company

Address P. O. Box 265

Moab, Utah

Alpine 3-3581

By J. B. Strong
Title District Chief Clerk

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.
LAND OFFICE Salt Lake City
LEASE NUMBER Utah 017370
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Emery Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 1962,

Agent's address P. O. Box 265 Company The Pure Oil Company
Moab, Utah Signed J. B. Strong

Phone Alpine 3-3581 Agent's title District Chief Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
W 1/2 NE NW Sec. 12 Washboard Wash	16S	9E	1-A	-0- 1-A	-0-					Drilled cement plug out of pipe and open hole from 5950' to 5970'. Drilled with air to 8330'. Unable to dry up hole. Mixed mud and drilled to 9614'. Sample Tops: Coconino 7715 (-1861) Oquirrh 8330 (-2476) Manning Canyon 9040 (-3186) Humbug 9380 (-3526)

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Copy to 312

RLL

0		
12		

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. USA Utah 017370
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 9, 19 62

Washboard Wash USA

Well No. 1-A is located 660 ft. from N line and 1635 ft. from EW line of sec. 12

W 1/2 NE NW Sec. 12
(1/4 Sec. and Sec. No.)

16S 9E
(Twp.) (Range)

S.L.B. & M.
(Meridian)

Wildcat
(Field)

Emery
(County or Subdivision)

Utah
(State or Territory)

ground

The elevation of the ~~terrier floor~~ ground above sea level is 5839 ft. KB elevation 5854'.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drilled from 9,417' to 10,015'. Core No. 1 - 10,015' - 10,017'

3-6-62 DST No. 1 - 9,923' - 10,017' Tool open 2 hours. Opened with a good blow, remained steady 1-1/2 hours, decreased to weak blow and died in 2 hours. Recovered 5 1/4' of heavy gas cut 802 drilling mud. Pressures: IH 4720#; 30 minute IGI 3290#; IF 165#; FF 300#; 30 minute FGI 740#; FH 4710#; Bottom hole temperature 172°.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Pure Oil Company

Address P. O. Box 265

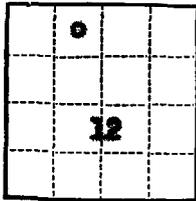
Moab, Utah

Alaine 3-3581

By J. B. Strong
Title District Chief Clerk

Copied to HC

R-22



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. USA Utah 017370

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 9, 19 62

Washboard Wash USA

Well No. 1-A is located 660 ft. from [N] line and 1635 ft. from [E] line of sec. 12

W4 NE NW Sec. 12
(1/4 Sec. and Sec. No.)

168
(Twp.)

9E
(Range)

S.L.B. & N.
(Meridian)

Wildcat
(Field)

Emery
(County or Subdivision)

Utah
(State or Territory)

ground

The elevation of the ~~surface~~ ground above sea level is 5839 ft. KB elevation 5854'.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drilled from 10,047' to 10,230'. Core No. 2 - 10,230' to 10,259'
3-8-9-62

DST No. 2 - 10,117' - 10,259' 1000' of fresh water cushion. Tool open two hours. Tool opened with very weak blow, increased to fair blow in 30 minutes, started decreasing after 1 hour, dead in 1 hour and 45 minutes. Initial opening 5 minutes, shut in 30 minutes, final shut in 30 minutes. Recovered 1000' of water cushion, 450' heavy gas out and CO2 and 360' of salt water. Pressures: IH 4850#; 30 minute ICI 3970#; IF 490#; FF 720#; 30 minute FCI 3570#; FH 4730#; Bottom hole temperature 176°.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Pure Oil Company

Address P. O. Box 265

Moab, Utah

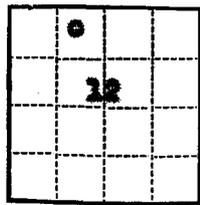
Alpine 3-3581

By J. B. Strong

Title District Chief Clerk

Copy to HC

RLL



(SUBMIT IN TRIPLICATE)
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. USA Utah 017370
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<input checked="" type="checkbox"/>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 26, 1962

Washboard Wash USA
 Well No. 1-A is located 660 ft. from N line and 1635 ft. from EW line of sec. 12
12 NE NW Sec. 12 16S 9E S.L.B.M.
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Emery Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the ~~description~~ ^{ground} above sea level is 5839 ft. ~~KB elevation~~ 5841

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

SEE SUPPLEMENTAL SHEET ATTACHED

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Pure Oil Company
 Address P. O. Box 265
Moab, Utah
Alpine 3-3581
 By J. E. Strong
 Title District Chief Clerk

SUNDRY NOTICES AND REPORTS ON WELLS

Washboard Wash USA No. 1-A
660' FNL & 1635' FWL
Sec. 12, 16S, 9E
Emery County, Utah

Notice of Intention to Abandon Well
March 26, 1962

Drilled from 10,259' to 11,675' TD. Drilling completed at 10:30 a.m. 3-23-62.
Ran electric logs to T.D.

Propose to plug and abandon well as follows:

Plug No. 1 - Cambrian	- 11,300' - 11,228' - 72'	- 25 sax regular cement with 4/10 of 1% HR4
Plug No. 2 - Devonian	- 11,140' - 11,080' - 60'	- 20 sax regular cement with 4/10 of 1% HR4
Plug No. 3 - Deseret	- 9,825' - 9,767' - 58'	- 20 sax regular cement with 4/10 of 1% HR4
Plug No. 4 - Manning Canyon	- 9,050' - 8,992' - 58'	- 20 sax regular cement with 4/10 of 1% HR4
Plug No. 5 - Oquirrh	- 8,395' - 8,337' - 58'	- 20 sax regular cement
Plug No. 6 - Coconino	- 7,785' - 7,727' - 58'	- 20 sax regular cement
Plug No. 7 - Kaibab	- 7,595' - 7,537' - 58'	- 20 sax regular cement
Plug No. 8 - Bottom of Inter- mediate Pipe	- 6,012' - 5,879' - 133'	- 50' of 8-5/8" hole, 83' in- side 9-5/8" casing - 50 sax regular cement
Plug No. 9 - Top of Surface	- 26'	- 10 sax regular cement.

Will leave heavy mud between plugs.

LOG TOPS:

Chinle	6190' (-338)	Manning Canyon	9030' (-3178)
Shinarump	6435' (-583)	Humbug	9470' (-3618)
Moenkopi	6495' (-643)	Redwall	9800' (-3948)
Sinbad	7160' (-1308)	Devonian	11125' (-5273)
Lower Moenkopi	7270' (-1418)	Ophir	11245' (-5393)
Kaibab	7568' (-1716)	Tintie	11466' (-5614)
Coconino	7760' (-1908)	Log TD	11675' (-5823)
Oquirrh	8395' (-2543)		

Verbal approval obtained from Mr. Harstead, U.S.G.S. and Mr. Schmidt, Utah Oil and Gas Conservation Commission.

Copy to HC

R-28

0		
12		

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. USA Utah 017370
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	X
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 28, 19 62

Washboard Wash USA

Well No. 1-A is located 660 ft. from N line and 1635 ft. from W line of sec. 12

W 1/2 NE NW Sec. 12 16S 9E S.L.B. & M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wilcox Emery Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~top of hole~~ ground above sea level is 5839 ft. KB elevation 5854

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

SEE SUPPLEMENTAL SHEET ATTACHED

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Pure Oil Company
Address P. O. Box 265
Moab, Utah
Alone 3-3581
By J. B. Strong
Title J. B. Strong District Chief Clerk

SUNDRY NOTICES AND REPORTS ON WELLS

Washboard Wash USA No. 1-A
660' FNL 7 1635' FWL
Sec. 12, 16S, 9E
Emery County, Utah

Subsequent Report of Abandonment
March 28, 1962

11,675' TD

Well Plugged and Abandoned with a total of 205' sax of cement as follows:

Plug No. 1 - Cambrian	- 11,300' - 11,228' - 72'	- 25 sax regular cement with 4/10 of 1% HR4
Plug No. 2 - Devonian	- 11,140' - 11,080' - 60'	- 20 sax regular cement with 4/10 of 1% HR4
Plug No. 3 - Deseret	- 9,825' - 9,767' - 58'	- 20 sax regular cement with 4/10 of 1% HR4
Plug No. 4 - Manning Canyon	- 9,050' - 8,992' - 58'	- 20 sax regular cement with 4/10 of 1% HR4
Plug No. 5 - Oquirrh	- 8,395' - 8,337' - 58'	- 20 sax regular cement
Plug No. 6 - Coconino	- 7,785' - 7,727' - 58'	- 20 sax regular cement
Plug No. 7 - Kaibab	- 7,595' - 7,537' - 58'	- 20 sax regular cement
Plug No. 8 - Bottom of Inter- mediate Pipe	- 6,012' - 5,879' - 133'	- 50' of 8-5/8" hole, 83' in- side 9-5/8" casing - 50 sax regular cement
Plug No. 9 - Top of Surface	- 26'	- 10 sax regular cement

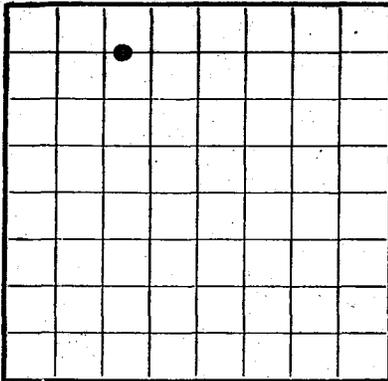
Heavy mud left between plugs. Dry hole marker installed in accordance with U.S.G.S. and State of Utah regulations.

Rig released at 9:00 a.m. 3-25-62.

Verbal approval obtained from Mr. Harstead, U.S.G.S. and Mr. Schmidt, Utah Oil and Gas Conservation Commission.

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R.S.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
Salt Lake City, Utah



LOCATE WELL CORRECTLY

To be kept Confidential until _____
(Not to exceed 4 months after filing date)

LOG OF OIL OR GAS WELL

Operating Company The Pure Oil Company Address P.O. Box 265 - Moab, Utah
 Lease or Tract U.S. Government Field Wildcat State Utah
 Washboard Wash USA
 Well No. 1-A Sec. 12 T. 16S R. 9E Meridian S.L.B. & M. County Emery
 Location 660 ft. XX of N. Line and 1635 ft. XX of W. Line of W/2 NE NW, Sec. 12 Elevation Gr. 5839'
 KB 5854'
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed J.B. Strong
 Title District Chief Clerk

Date March 28, 1962

The summary on this page is for the condition of the well at above date.

Commenced drilling December 29, 1961 Finished drilling March 23, 1962

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from None to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
20"	91#	8-V	SS	63'	Coupling				Cemented to surface.
13-3/8"	51 & 48#	8-R	SS	532'	Float				"
9-5/8"	40 & 43.50#	8-R	SS	5962'	Float				Intermediate String.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
20"	63'	75 sx	Halliburton		
13-3/8"	532'	115 sx	Halliburton		
9-5/8"	5962'	1075 sx	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

WASHBOARD
 FOLD HERE

MARK	20"	63'	75' sx	Halliburton	
	13-3/8"	532'	115' sx	Halliburton	
	9-5/8"	5962'	1075' sx	Halliburton	

FOLD

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from zero feet to 11,675 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Date P & A March 25th, 1962 Put to producing Dry Hole, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			At the end of complete Driller's Log add Geologic Tops. State whether from Electric Logs or samples.
-0-	45'	45'	Surface.
45'	120'	75'	Sand and shale.
120'	533'	413'	Shale.
533'	3,550'	3,017'	Sand and shale.
3,550'	3,653'	103'	Sand, shale and anhydrite.
3,653'	4,915'	1,262'	Sand and shale.
4,915'	5,112'	197'	Sand, shale and anhydrite anhydrite.
5,112'	5,228'	116'	Sand and shale.
5,228'	5,369'	141'	Sand.
5,369'	7,080'	1,711'	Sand and shale.
7,080'	7,774'	694'	Sand.
7,774'	8,074'	300'	Sand and shale.
8,074'	8,209'	135'	Sand.
8,209'	8,367'	158'	Quartzitic sand.
8,367'	8,517'	150'	Sand.
8,517'	8,622'	105'	Dolomite and sand.
8,622'	8,624'	2'	Sand.
8,624'	8,651'	27'	Quartzitic sand.
8,651'	9,068'	417'	Sand and dolomite.
9,068'	9,160'	92'	Sand, shale and dolomite.
9,160'	9,251'	91'	Sand and dolomite.
9,251'	9,305'	54'	Sand, shale and pyrite.
9,305'	9,417'	112'	Shale and lime.

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
9,417'	9,479'	62'	Sand and shale.
9,479'	9,529'	50'	Lime and chert.
9,529'	9,614'	85'	Sand, shale and chert.
9,614'	9,814'	200'	Shale and lime.
9,814'	9,894'	80'	Chert, sand and dolomite.
9,894'	10,015'	121'	Shale and dolomite.
10,015'	10,047'	32'	Core No. 1 - see below.
10,047'	10,230'	183'	Dolomite and sand.
10,230'	10,259'	29'	Core No. 2 - see below.
10,259'	10,387'	128'	Dolomite and sand.
10,387'	10,600'	213'	Dolomite and chert.
10,600'	10,788'	188'	Dolomite, chert and shale.
10,788'	11,207'	419'	Dolomite and shale.
11,207'	11,251'	44'	Dolomite and sand.
11,251'	11,325'	74'	Shale, chert and pyrite.
11,325'	11,402'	77'	Sand and shale.
11,402'	11,516'	114'	Sand.
11,516'	11,580'	64'	Quartzitic sand.
11,580'	11,675'	95'	Quartzite.
		11,675'	TOTAL DEPTH

Core No. 1 10,015' - 10,047' (Barrel Jammed) Cut & Rec. 32'

- 2' - Dolomite, gray, dense.
- 1' - Chert, light gray.
- 29' - Dolomite, light brown to gray, dense, few calcite filled fractures, slight amount of spotty pin point to intercrystalline porosity with black residue stain.

Core No. 2 10,230' - 10,259' Cut & Rec. 29'

- 6' - Dolomite, dark gray, xln, dense, good vuggy porosity, crinoidal, with black residue in porosity.
- 10' - Dolomite, tan, xln, trace of pin point and vuggy porosity.
- 2' - Dolomite, light tan, sublitho, trace of pin point porosity.
- 11' - Dolomite, light tan, siliceous, dense.

DST No. 1, 9923' - 10,047'. Tool open 2 hours. Tool opened with good blow. Remained steady 1-1/2 hours, decreased to weak blow and died in 2 hours. Recovered 514' of heavy gas cut CO₂ drilling mud. Pressures: IH 4720, 30 minute ICI 3290, IF 165, FF 300, 30 minute FCI 740, FH 4710. Bottom hole temperature 172°.

DST No. 2, 10,117' - 10,259'. Ran 1000' water cushion. Tool open 2 hours. Opened with very weak blow, increased to fair blow in 30 minutes and started decreasing after one hour and died in one hour and 45 minutes. Recovered 1000' water cushion, 450' heavy gas cut mud (CO₂) and 360' salt water. Pressures: IH 4850, 30 minute ICI 3970, IF 490, FF 720, 30 minute FCI 3570, FH 4730. Bottom hole temperature 176°.

LOG TOPS

Chinle	6190'	(- 338)	Ophir	11,245'	(-5393)
Shinarump	6435'	(- 583)	Tintic	11,466'	(-5614)
Moenkopi	6495'	(- 643)	Log Total Depth	11,675'	(-5823)
Sinbad	7160'	(-1308)			
Lower Moenkopi	7270'	(-1418)			
Kaibab	7568'	(-1716)			
Coconino	7760'	(-1908)			
Oquirrh	8395'	(-2543)			
Manning Canyon	9030'	(-3178)			
Humboldt	9470'	(-3618)			
Redwall	9800'	(-3948)			
Devonian	11,125'	(-5273)			

R22

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.
LAND OFFICE Salt Lake City
LEASE NUMBER Utah 017370
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Emery Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 1962,

Agent's address P. O. Box 265 Company The Pure Oil Company

Moab, Utah Signed J. B. Strong

Phone Alpine 3-3581 Agent's title District Chief Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
W 1/2 NE NW Sec. 12	16S	9E	1-A	-0-	-0-					Drilled from 9,614' to 10,015'. Core No. 1 from 10,015' to 10,047'. DST No. 1 - 9,923 to 10,047'. Drilled to 10,230'. Core No. 2 from 10,230' to 10,259'. DST No. 2 from 10,117' to 10,259'. Drilled to 11,675' T.D. Drilling completed 3-25-62. Ran electric logs to T.D. Well P & A as follows:
Washboard	Wash	USA	No. 1-A							
Plug No. 1	-	Cambrian	-	11,300'	- 11,228'	-	72'	- 25	sz reg. cement with 4/10 of 1% HR4	
Plug No. 2	-	Devonian	-	11,140'	- 11,080'	-	60'	- 20	sz reg. cement with 4/10 of 1% HR4.	
Plug No. 3	-	Deseret	-	9,825'	- 9,767'	-	58'	- 20	sz reg. cement with 4/10 of 1% HR4.	
Plug No. 4	-	Manning Canyon		9,050'	- 8,992'		58'	- 20	sz reg. cement with 4/10 of 1% HR4.	
Plug No. 5	-	Oquirrh	-	8,395'	- 8,337'	-	58'	- 20	sz reg. cement	
Plug No. 6	-	Coconino	-	7,785'	- 7,727'	-	58'	- 20	sz reg. cement	
Plug No. 7	-	Kaibab	-	7,595'	- 7,537'	-	58'	- 20	sz reg. cement	
Plug No. 8	-	Bottom of intermediate pipe	-	6,012'	- 5,879'	-	133'	(50' of 8-5/8" hole, 83' inside 9-5/8" casing - 50 sax regular cement.		
Plug No. 9	-	Top of Surface	-	26'	- 10'				sz regular cement.	
Installed Dry Hole Marker in accordance with U.S.G.S. & State of Utah Regulations.										
Rig released 3-25-62. <u>FINAL REPORT</u>										

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.