

FILE NOTATIONS

Entered in NID File _____
Entered On S R Sheet _____
Location Map Pinned _____
Card Indexed _____
IWR for State or Fee Land _____

Checked by Chief _____
Copy NID to Field Office _____
Approval Letter _____
Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 4-13-25
OW _____ WW _____ TA _____
GW _____ OS _____ PA

Location Inspected _____
Bond released _____
State of Fee Land _____

LOGS FILED

Driller's Log _____
Electric Logs (No.) _____

E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____
Lat _____ Mi-L _____ Sonic _____ Others _____

CDU

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Serial Number 053132
Lease or Permit Permit

SUNDRY NOTICES AND REPORTS ON WELLS FEB 1 1928

| | | | |
|--|-------------------------------------|---|--|
| NOTICE OF INTENTION TO DRILL | <input checked="" type="checkbox"/> | SUBSEQUENT RECORD OF SHOOTING | |
| NOTICE OF INTENTION TO CHANGE PLANS | | RECORD OF PERFORATING CASING | |
| NOTICE OF DATE FOR TEST OF WATER SHUT-OFF | | NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING | |
| REPORT ON RESULT OF TEST OF WATER SHUT-OFF | | NOTICE OF INTENTION TO ABANDON WELL | |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL | | SUBSEQUENT REPORT OF ABANDONMENT | |
| NOTICE OF INTENTION TO SHOOT | | SUPPLEMENTARY WELL HISTORY | |

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

November 7, 1924, 192

Following is a ~~report of work done~~ ^{notice of intention to do work} on land under ~~lease~~ ^{permit} described as follows:

UTAH GRAND CISCO
(State or Territory) (County or Subdivision) (Field)
Well No. #1 SW $\frac{1}{4}$ Sec. 30 20S Rg. 22E S. L. N.
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 500 ft. ~~SW~~ ^S of W line and 900 ft. ~~W~~ ^E of W line of sec. _____
The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF PLAN 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.)

- Standard rig to be used.
- Start with 20" hole.
- 15 $\frac{1}{2}$ " to be set at about 1000'.
- 12 $\frac{1}{2}$ " to be set at about 1950'
- 10" to be set at about 2100'
- 8 $\frac{1}{4}$ " to be set when thought advisable

Approved with the understanding that all oil or gas be protected from infiltration of water or wasting into dry formations by most modern methods; in particular that the gas zones found in your well #1 in Sec. 25 be confined to their respective zones

Approved NOVEMBER 13, 1924 Company UTAH OIL REFINING COMPANY
(Date)

J. CHAS MILLER By J. E. BRAMWELL

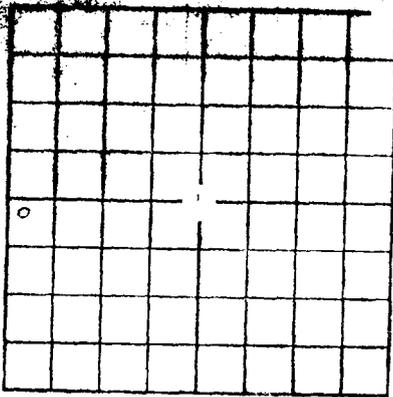
Title Associate Petroleum Engineer Title Exploration Department
GEOLOGICAL SURVEY

Address _____ Address _____

NOTE—Reports on this form to be submitted in triplicate to the Supervisor for approval.

6-7000

by the use of proper casings, mud, and cement while drilling to deeper objectives.



LOCATE WELL CORRECTLY

LAND OFFICE **5**
 SERIAL NUMBER
 OR PERMIT

DEPARTMENT OF THE INTERIOR
 BUREAU OF MINES
 PETROLEUM DIVISION

GEOLOGICAL SURVEY
 RECEIVED
 SALT LAKE CITY
 MINERAL INVESTIGATION DIVISION

LOG OF OIL OR GAS WELL

Company WEAN OIL REFINING COMPANY Address Salt Lake City, Utah.
 Lessor or Tract E. G. M. Roth Field Class State Utah
 Well No. 2 Sec. 22 T. 39 R. 22 Meridian S. & M. County Grand
 Location 222 ft. ^{N.} of 245 Line and 245 ft. ^{E.} of W Line of Section 30 Elevation 4000
(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 [Signature]
 Title Geologist

Date April 14, 1924.

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

Commenced drilling November 24th, 1924. Finished drilling April 15, 1924.

OIL OR GAS SANDS OR ZONES

Denote gas by G

No. 1, from (G) 1800 to 1800 No. 4, from _____ to _____
 No. 2, from (G) 1800 to 1975 No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ 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" | 80 | | Coalinga | 24 | Regisaw | | | | |
| 18" | 70 | 10 | " | 920 | Calif. | | | | |
| 18" | 80 | 10 | " | 1800 | Reg. | | | | |
| 18" | 45 | 10 | " | 2000 | " | | | | |
| 18" | 55 | 10 | " | 2100 | " | | | | |
| 18" | 54 | 10 | " | 2725 | " | | | | |

CASING OR TOOLS LOST OR SIDETRACKED

From _____ to _____ Description _____
 From _____ to _____ Description _____
 From _____ to _____ Description _____

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 18" | 1-1000 | 24 | | | |

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

DATES

_____, 19____ Put to producing _____, 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 **2,000,000** Gallons gasoline per 1,000 cu. ft. of gas **.0025**
 Rock pressure, lbs. per sq. in. **150**

EMPLOYEES

Hugh Hickman _____, Driller **L. J. Gordon** _____, Driller
Bert O'Day _____, Driller **C. J. Bargas** _____, Driller

FORMATION RECORD

| FROM | TO | TOTAL FEET | FORMATION |
|------|------|------------|-----------------------------|
| 0 | 22 | 22 | Gravel |
| 22 | 45 | 13 | Blue shale |
| 45 | 65 | 20 | Blue shale and gravel |
| 65 | 1020 | 1020 | Blue shale |
| 1020 | 1110 | 25 | Blue shale - sandy and hard |
| 1110 | 1445 | 505 | Blue shale |
| 1445 | 1465 | 20 | Black shale |
| 1465 | 1720 | 25 | Sandy shale |
| 1720 | 1750 | 20 | Blue shale |
| 1750 | 1785 | 25 | Sandy shale |
| 1785 | 1810 | 25 | Blue shale |
| 1810 | 1850 | 40 | Sandy shale |
| 1850 | 1875 | 25 | Blue shale |
| 1875 | 1888 | 13 | Black lime shells |
| 1888 | 1890 | 2 | Sand - showing some gas |
| 1890 | 1900 | 20 | Sandy shale |

U.S. BUREAU OF MINES
 DENVER, COLORADO
 1925
 18
 18

FORMATION RECORD - Continued

| FROM | TO | TOTAL FEET | FORMATION |
|------|------|------------|---|
| 1949 | 1950 | 1 | Sand - 2,000,000 cu. ft. gas |
| 1950 | 1975 | 25 | Sand and lime shells |
| 1975 | 1980 | 5 | Lime |
| 1980 | 2000 | 20 | Sandy shale |
| 2000 | 2025 | 25 | Gritty shells - hard |
| 2025 | 2045 | 20 | Sandy lime |
| 2045 | 2060 | 15 | Sand - some gas and water |
| 2060 | 2075 | 15 | Pink sandy lime |
| 2075 | 2100 | 25 | Red limy shale |
| 2100 | 2105 | 5 | Blue shale |
| 2105 | 2130 | 25 | Red limy shale |
| 2130 | 2150 | 20 | Blue shale |
| 2150 | 2165 | 15 | Hard sandy lime |
| 2165 | 2170 | 5 | Red limy shale |
| 2170 | 2175 | 5 | Blue limy shale |
| 2175 | 2320 | 145 | Red lime |
| 2320 | 2400 | 80 | Gray sandy lime |
| 2400 | 2420 | 20 | Sand - small oil showing |
| 2420 | 2520 | 100 | Black sandy shale |
| 2520 | 2540 | 20 | Blue sandy shale |
| 2540 | 2590 | 40 | Red lime |
| 2590 | 2590 | 10 | Sandy lime |
| 2590 | 2610 | 20 | Red lime |
| 2610 | 2620 | 10 | White sand |
| 2620 | 2660 | 40 | Water sand - 1500' in hole |
| 2660 | 2668 | 8 | Sand Conglomerate |
| 2668 | 2672 | 4 | Blue shale |
| 2672 | 2675 | 3 | Sandy shale |
| 2675 | 2680 | 5 | Blue sandy shale - more water |
| 2680 | 2710 | 30 | Sandy lime |
| 2710 | 2720 | 10 | white sand |
| 2720 | 2735 | 15 | Blue shale |
| 2735 | 2740 | 5 | Sand |
| 2740 | 2790 | 50 | White water sand - 2600 ft. water in hole |
| 2790 | 2800 | 10 | Gray lime - hard |
| 2800 | 2810 | 10 | Gray sandy shale - hole full water |
| 2810 | 2815 | 5 | White sandy lime |
| 2815 | 2845 | 30 | Dark gray sandy lime |

3

C O P Y

UTAH OIL REFINING COMPANY
RESEARCH DEPARTMENT

Experiment No. _____

Date May 25, 1925

Subject Gas - Cisco No. 2 First Sand

Authorized By _____

Sample From _____

Operators Laboratory

Discussion:

| | |
|------------------|------------------|
| Specific gravity | .62 |
| Oxygen | 2.5% |
| Hydrogen | 10.4% |
| Methane & Ethane | 87.1% |
| BTU (Calc) | 1079 per Cu. ft. |

Gas - Dry and Combustible.

B. I. Kirby
Chemist

No 2 30 20/100

NEWBY 4

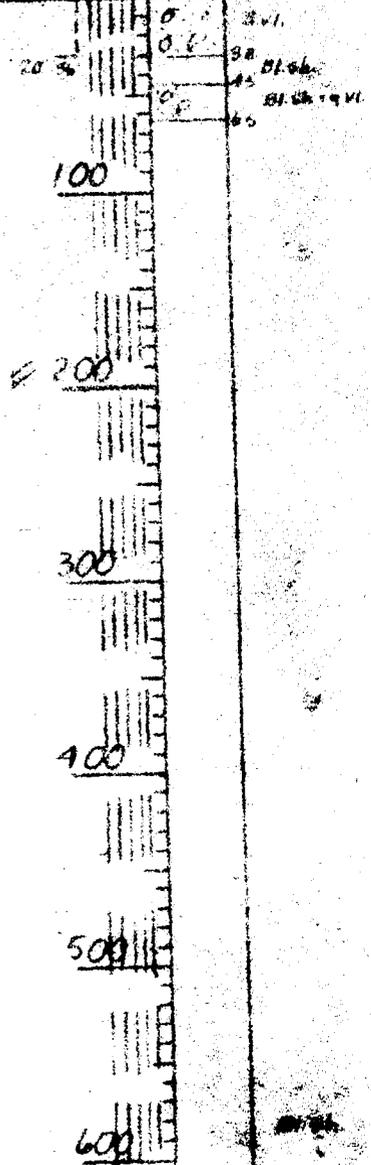
LOCATION
293 refs. 11/1/4
S. 083192 A

DIFLEY 4850

SPUDDED IN COMPLETED
Nov 24, 1924 Apr 12, 1925

INITIAL PRODUCTION
OIL WATER/GAS GAS
- - 2,000,000

Drawn P.M.L. Check P.M.L. 1925



700

800

900

Mancos

1100

1110
1120
1130

1200

1300

1400

bl. sh

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. Land Office Salt Lake
Serial Number 033132
Lease or Permit

SUNDRY NOTICES AND REPORTS ON WELLS

| | | |
|--|---|-------------------------------------|
| NOTICE OF INTENTION TO DRILL | SUBSEQUENT RECORD OF SHOOTING | |
| NOTICE OF INTENTION TO CHANGE PLANS | RECORD OF PERFORATING CASING | |
| NOTICE OF DATE FOR TEST OF WATER SHUT-OFF | NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING | |
| REPORT ON RESULT OF TEST OF WATER SHUT-OFF | NOTICE OF INTENTION TO ABANDON WELL | <input checked="" type="checkbox"/> |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL | SUBSEQUENT REPORT OF ABANDONMENT | |
| NOTICE OF INTENTION TO SHOOT | SUPPLEMENTARY WELL HISTORY | |

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

April 14, 1925, 192

Following is a ~~report of work done~~ notice of intention to do work on land under ~~lease~~ permit described as follows:

UTAH (State or Territory) GRAND (County or Subdivision) CISCO (Field)
Well No. #2 SW 1/4 Sec. 30 20S 22E S. 1 E. M. (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 2315 ft. N of S line and 245 ft. E of W line of sec.

The elevation of the derrick floor above sea level is 4880 ft.

DETAILS OF PLAN 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.)

Pull all casing possible. Fill hole with mud and cement off sands.

Approved with the understanding that all oil or gas bearing strata will be protected from infiltration of water and dissipation to other formations, and that mud fluid will be pumped into the hole as the casing is withdrawn excepting at the following depths where cement plugs will be places.:

- 1875-1890
- 1945-1975
- 2045-2060
- 2400-2420
- 2610-2668
- 2675-2680
- 2735-2790
- 2800-2810

Also that a patent cement plug marker will be left at the top of the hole to mark its location. Approved April 18, 1925. Company UTAH OIL REFINING COMPANY

J. CHAS MILLER

By J. E. BRAMMELL

Title Associate Petroleum Engineer
GEOLOGICAL SURVEY

Title

Address

Address

NOTE—Reports on this form to be submitted in triplicate to the Supervisor for approval.

Utah Oil and Refining Co.
 Well #2 sec 30 T 20 S R 22E
 2315 from S line 245vfrom W line

Spudded 11/24/24

Comp/4/13/25

| | | | |
|----------|------|--------------------------------------|---------------------------------|
| Mancoas | 0 | 32 | Gravel |
| | 32 | 45 | Blue shale |
| | 45 | 55 | Blue shale and gravel |
| | 65 | 1085 | Blue shale |
| | 1085 | 1110 | Hard sandy blue shale |
| | 1110 | 1665 | Blue shale |
| | 1665 | 1685 | Black shale |
| | 1685 | 1720 | Sandy Shale |
| | 1720 | 1750 | Blue shale |
| | 1750 | 1785 | Sandy shale |
| Bakote | 1785 | 1810 | Blue shale |
| | 1810 | 1850 | Sandy Shale |
| | 1850 | 1875 | Blue Shale |
| | 1875 | 1888 | Black lime shells |
| | 1888 | 1890 | Sand showing some gas |
| | 1890 | 1949 | Sandy shells |
| | 1949 | 1950 | Sand 2,000,000 cu.ft. gas |
| | 1950 | 1985 | Sand and lime shells |
| | 1975 | 1980 | Lime |
| | 1980 | 2000 | Sandy shale |
| Morrison | 2000 | 2025 | Hard gritty shells |
| | 2025 | 2045 | Sandy lime |
| | 2045 | 2060 | Sand some gas and water |
| | 2060 | 2075 | Pink sandy lime lime |
| | 2075 | 2100 | Red limey shale |
| | 2100 | 2105 | Blue shale |
| | 2105 | 2130 | Red limey shale |
| | 2130 | 2150 | Blue shale |
| | 2150 | 2165 | Hard sandy lime |
| | 2165 | 2170 | red limey shale |
| Entrada | 2170 | 2175 | Blue limey shale |
| | 2175 | 2320 | Red lime |
| | 2320 | 2400 | Gray sandy lime |
| | 2400 | 2420 | Sand small showing of oil |
| | 2420 | 2520 | Black sandy shale |
| | 2520 | 2540 | Blue sandy shale |
| | 2540 | 2580 | Red lime |
| | 2580 | 2590 | Sandy lime |
| | 2590 | 2610 | Red lime |
| | 2610 | 2650 | White sand |
| 2650 | 2660 | Water sand 1500' in hole | |
| 2660 | 2668 | Sand conglomerate | |
| 2668 | 2672 | Blue shale | |
| 2672 | 2675 | Sandy Shale | |
| 2675 | 2680 | Blue sandy shale | |
| 2680 | 2710 | Sandy lime | |
| 2710 | 2724 | White sand | |
| 2724 | 2735 | Blue shale | |
| 2735 | 2740 | Sand | |
| 2740 | 2790 | White water sand 2600' water in hole | |

See letter
 on correlation
 in P1500 Field file

Salt Wash

Entry
 { 2790 2800
 2800 2810
 2810 3015
 Total 3015 3045

Hard gray lime
 Gray sandy shale
 White sandy lime
 Dark gray sandy lime

Pipe 36' of 20"
 920 15 1/2
 1529 12 1/2 cemented
 2000 10" "
 2130 8 1/4
 2732 6 1/4

Rock pressure 150#
 Gasoline .0025 gal per 1000 ft.

Elev 4880

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

2732
 1430

Grand County
Circus Dome

Utah Oil Refining Co. Well #2
NWSW 30- 20S. 22 E.

SL 033132 A

The Utah Oil Refining Co. on the Circus Dome, Grand County, Utah, Sec. 30, T. 20 S., R. 22 E., well No. 2, was running 10-inch casing at 2,000 feet preparatory to cementing near the top of the sand. The operators are using the gas from well No. 1 as fuel, the rock pressure of which is now about 160 pounds. This well was also visited by Law and Miller. *Jan. 1925*

The Utah Oil & Refining Company is drilling at 2,105' in well No. 2 on permit Salt Lake 033132, in Sec. 30, T. 20 S., R. 22 E. The company has completed two more validation holes on this structure. *Jan. 1925*

The Utah Oil Refining Co. has abandoned its well No. 2 on permit S. L. 033132 located in Sec. 30, T. 20 S., R. 22 E., S.L.M. at 3045 feet. The company has completed validation hole on permits Salt Lake 033137, 033189, and 033190. *April 1925*

The Utah Oil & Refining Co. drilled well #2 on the Sec. 30-20-22 to a total depth of 3045'. Following is a skeleton log of this well.

Brief log of Well #2, Sec. 30-20-22:

| <u>From</u> | <u>To</u> | <u>Formation</u> |
|-------------|-----------|---|
| • | 1888 | Gravel, blue and black shale |
| 1888 | 1890 | Show of gas |
| 1949 | 1950 | 2 million feet gas |
| 2045 | 2060 | Gas and water |
| 2400 | 2420 | Small oil showing |
| 2420 | 2590 | Black and blue shale, red lime |
| 2610 | 2650 | White sand |
| 2650 | 2660 | Water-1500 ft. |
| 2660 | 2668 | Sand conglomerate |
| 2668 | 2680 | Blue shale, more water |
| 2710 | 2720 | Sand |
| 2735 | 2740 | Sand |
| 2740 | 2790 | White sand, water |
| 2790 | 3045 | Gray lime, gray sandy shale, white sandy lime, dark gray lime, well abandoned at 3045'. |

June 1926

POWELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. Land Office Salt Lake
Serial Number 033132
Lease or Permit Permit

SUNDRY NOTICES AND REPORTS ON WELLS

FEB 11 1928

| | | |
|--|---|----|
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| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL | SUBSEQUENT REPORT OF ABANDONMENT | XX |
| NOTICE OF INTENTION TO SHOOT | SUPPLEMENTARY WELL HISTORY | |

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

June 8, 1925, 192

Following is a ~~notice of intention to do work~~ report of work done on land under ~~lease~~ permit described as follows:

Utah Grand Cisco
(State or Territory) (County or Subdivision) (Field)
Well No. #2 SW $\frac{1}{4}$ Sec. 30 20S 22E S.L.M.
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 500 ft. $\frac{N}{S}$ of $\frac{W}{E}$ line and 900 ft. $\frac{E}{W}$ of $\frac{W}{E}$ line of sec.
The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF PLAN 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.)

Hole abandoned and casing pulled except following which could not be taken out:
Casing left in hole:

| | |
|--------------------|---------------------|
| 6 $\frac{1}{4}$ " | 14 30 ft. in bottom |
| 8 $\frac{1}{4}$ " | None |
| 10" | 722 ft. |
| 12 $\frac{1}{2}$ " | 324 ft. |
| 15 $\frac{1}{2}$ " | None |
| 20" | None |

Mud and cement used to completely shut off all sands and joint of 10" casing left extending in top 5 feet from top of ground and filled with cement. Cellar filled with cement.

Approved June 11, 1925 Company UTAH OIL REFINING COMPANY
(Date) J. CHAS. MILLER By J. C. BRAMWELL
Title Associate Petroleum Engineer Title Exploration Manager
GEOLOGICAL SURVEY