

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Santa Fe, N. M.Lease No. TM 036254Unit ---

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..... | <input checked="" type="checkbox"/> |
| 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..... | <u>Subsequent Report of Well Completion</u> | <input checked="" type="checkbox"/> |

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

November 27, 1957

Gov't
Well No. 34-10 is located 660 ft. from N line and 1980 ft. from E line of sec. 10
SE 10 25N 12W R5PM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Misti San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

Kelly Lushing
The elevation of the ~~derrick floor~~ above sea level is 6267.3 ft.

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)

- 7-5-57 Cemented 4-1/2" 9.5# casing at 4943' with 150 sacks treated cement.
9-1-57 Ran Camma Ray - Collar leg; jet perforated four 1/2" hole/ft. 4805-27, 4837-42, 4880-90, 4896-4903.
11-5-57 Washed formation with 200 gal. mud acid.
11-6-57 Sand-oil fractured with 50,000 gal. oil with 1#/gal. 20-40 mesh sand treated with radioactive tracer.
11-7-57 Swabbed well to flowing.
11-8-57 Well died.
11-13-57 Swabbed well back in.
11-18-57 Initial Production: Flowing 693 S/D gross, 64/64" bean, TP 110, CP 590, No gas measurement.

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

Company Shell Oil CompanyAddress 101 S. BehrendFarlington, N. M.

Original signed by
By E. W. SHEPARD
E. W. Shepard
Title Exploitation Engineer

UNITED STATES
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LOCATE WELL CORRECTLY

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

Commenced drilling ~~June 28~~-----, 19~~57~~ Finished drilling ~~July 6~~-----, 19~~57~~

OIL OR GAS SANDS OR ZONES

(Gross) (Denote gas by G)

No. 1, from 4805 to 4903 No. 4, from _____

No. 2, from _____ to _____ No. 5, from _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|---------------------|-----------|------------------------|--------------|-------------|--------------------|
| 8-5/8 ⁱⁿ | 134 | 85 | Displacement | - | - |
| 4-1/2 ⁱⁿ | 4943 | 150 | " | - | - |
| | | | | | |
| | | | | | |
| | | | | | |

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 |
|------|------------|----------------|----------|------|------------|-------------------|
| | | | None | | | |
| | | | | | | |
| | | | | | | |

TOOLS USED

Rotary tools were used from 0 feet to 1950 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

| | | | | |
|---|------|--|-------------|------|
| December 20 | 1957 | Put to producing | November 18 | 1957 |
| The production for the first 24 hours was 691 | | barrels of fluid of which 99.9% was oil; % | | |
| emulsion; % water; and 0.1% 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

| EMPLOYEES | | Shell Oil Company Rig #18 |
|-------------|---------|---------------------------|
| G. D. Grant | Driller | E. T. Lawson |
| V. L. Metc | Driller | |

FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION |
|-------|------|------------|-----------------|
| 1122 | 1342 | 220 | Pictured Cliffs |
| 1342 | 1520 | 178 | Lewis |
| 1520 | 2014 | 494 | Cliff House |
| 2014 | 3626 | 1612 | Allison-Menefee |
| 3626 | 3794 | 168 | Point Lookout |
| 3794 | 4703 | 909 | Mancos |
| 4703 | - | - | Gallup |

SHELL OIL COMPANY

Gov't.

WELL NO. 34-10

Bisti

(FIELD)

San Juan, New Mexico

(COUNTY)

DRILLING REPORT

FOR PERIOD ENDING

7-6-57

10

(SECTION OR LEASE)

T25N, R12W

(TOWNSHIP OR RANGE)

| DAY | DEPTHS | | REMARKS |
|--------------|--------|------|---|
| | FROM | TO | |
| 57 | | | |
| | | | <p><u>Location:</u> 660' N and 1980' W of SE Corner, Section 10, T25N, R12W, NMPM, San Juan County, N. M.</p> <p><u>Elevations:</u> DF 6285.4 GR 6276.2 KB 6287.3</p> |
| 6-28 to 6-29 | 0 | 1914 | Spudded 3:45 P.M. 6-28-57. Ran and cemented (122') 8-5/8", 24#, J-55 Spang casing at 134' with 85 sacks cemented treated with 2% calcium chloride. Good returns to surface. Flanged up and waited on cement. Pressure tested casing and BOP with 700 psi for 15 minutes, OK. |
| 6-30 to 7-4 | 1914 | 4805 | <u>Drilled 2891'.</u> |
| 7-5 to 7-6 | 4805 | 4950 | <p><u>Drilled 145'.</u> Ran Electrical Survey and Microlog. Ran and cemented (4933') 4-1/2" 9.5# casing at 4943' with 150 sacks cement treated with 4% gel. Displaced cement with oil. Final pressure 1500 psi. Released rig 8:45 P.M. 7-6-57.</p> <p>Checked BOP daily</p> <p>Mud Summary Wt. 9.5 - 10#/gal. Vis 50 - 77 sec. WL 8.2 cc FC 2/32"</p> |

CONDITION AT BEGINNING OF PERIOD

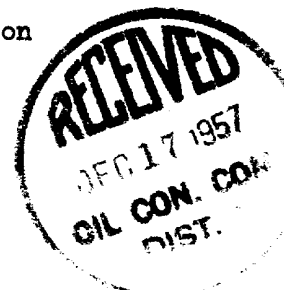
| HOLE | | | CASING SIZE | DEPTH SET |
|------------------|------|----|-------------|-----------|
| SIZE | FROM | TO | | |
| | | | | |
| DRILL PIPE SIZES | | | | |

Contractor: Shell Oil Co. Rig #18

Drillers: O. D. Grant

V. L. Mety

E. T. Lawson



R. D. Allen

