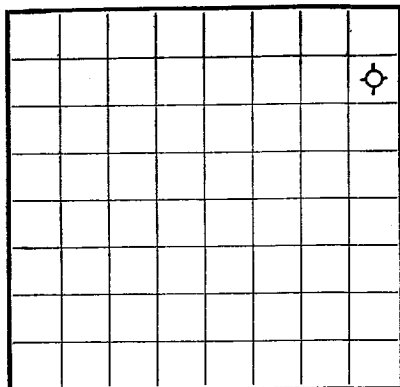


Consolidated Ute Agency

U. S. LAND OFFICE Ignacio, Colo.

SERIAL NUMBER 14-20-604-1896

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SEP 19 1961

U. S. GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pubco Petroleum Corporation Address P. O. Box 1419, Albuquerque, N.M.
Lessor or Tract Mountain Ute Field Verde-Gallup State New Mexico
Well No. 18-1 Sec. 18 T. 31N R. 14W Meridian NMPM County San Juan
Location 734 ft. N of N Line and 540 ft. E of E Line of Section 18 Elevation 5773
(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 Wendell AllenDate September 11, 1961Title Geologist

The summary on this page is for the condition of the well at above date.
Commenced drilling February 23, 1957 Finished drilling March 7, 1957
Abandoned August 11, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1 from surface to 10 ft. No. 4 from 10 ft. to 15 ft.
No. 2 from 10 ft. to 15 ft. No. 5 from 15 ft. to 20 ft.
No. 3 from 15 ft. to 20 ft. No. 6 from 20 ft. to 25 ft.
No. 7 from 20 ft. to 25 ft. No. 8 from 25 ft. to 30 ft.
No. 9 from 25 ft. to 30 ft. No. 10 from 30 ft. to 35 ft.
No. 11 from 30 ft. to 35 ft. No. 12 from 35 ft. to 40 ft.
No. 13 from 35 ft. to 40 ft. No. 14 from 40 ft. to 45 ft.
No. 15 from 40 ft. to 45 ft. No. 16 from 45 ft. to 50 ft.

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9-5/8	32.3	8	Longest	98.56	Home				surface
5-1/2	16.1	8	Longest	124	Home				production
4-1/2	16.1	8	Longest	2345	Home				tubing
2									

MUDDING AND CEMENTING RECORD (see reverse side)

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	113	125 ex	circulated		
5-1/2	2279	30 ex reg	2-plug		
4-1/2	2391	-	-		

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
Sand oil frac 2279-2389 w/26, 124 gal oil & 20,000# 20-40 sd. Treating pressure 800# No breakdown. Injection rate 51 BPM. July 15, 1958; re-frac'd with 1503 bbl crude, No sand. Treating pressure 800#; injection rate 41.8 BPM						

TOOLS USED

Rotary tools were used from surface feet to 2281 feet, and from _____ feet to _____ feetCable tools were used from 2281 feet to 2389 feet, and from _____ feet to _____ feet

DATES

_____September 11_____, 1961 Put to producing _____March 23_____, 1961The production for the first 24 hours was 30 barrels of fluid of which 100% was oil; _____%emulsion; _____% water; and _____% sediment. Gravity, °Bé. 41.0 APIRe-worked 7-15-58 Now potential: 34.14 BOPD, no water Gallons gasoline per 1,000 cu. ft. of gas _____Back pressure lbs. per sq. in. _____ Abandoned: August 11, 1961

A 10x10 grid with a small circle in the top-left cell. The circle is located in the first row and first column. The grid is composed of 10 columns and 10 rows. The circle is a small, solid black circle. The grid lines are thin and black. The background is white.

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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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 _____

Location 104 ft S of N line and 260 ft W of E line of Section 18

Well No. 1521 Sec. 18 T.33N. R.10W Meridian WY County San Juan

Lessor or Trust Henningsen etc Field Vergara-Clayton State New Mexico

Company Western Petroleum Corporation Address P.O. Box 1419, Albuquerque, N.M.

14190190 4117

3001 Technology Avenue

Approved in 1951; pulled in 1952; back coming in on bottom
 3-3-53 pulled on surface to hold the monument; made to pump into the garden-
 The quantity of this paper is for the condition of the well and is to be
 noted. The well was pumped and measured August 17, 1961

(Derech das pa G)

RECEIVED TARIFF COMMISSION ON NOV 14 1950, NO WORKS, 9-22-50.

Worked in rod and tubing unit 7-15-58; pulled rods and tubing; squeezed production w/75 ex regular, 75 cu. ft. stroke crane, 6x well initial pressure 4000; rose to 12000; broke back to 8000; final pressure 4000; fractured well w/1503 psi crude, no sand, 41.8 BPM injection water; fractured well; tubing and rods; found hole bridged at 2270; put well on pump, released rod and tubing unit 7-17-58. Moved in spreader 7-30-58; pulled tubing and rods; cleaned out to 2391; ran 4 1/2" 16,600 finish test part. Inner 2261 to 2391; tubing cupping to 2056 psi set pump, 2349; released rig and put well on production 8-5-58; recomputed all time oil on 8-21-58. Initial prod-

READING RECORD

~~पुस्तक संख्या-५३६१~~

Per Foot	Thick Inch	Thin Inch	Name	Amount	Kind of shoe	Color and polish used	Remarks
							T-6

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of drilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was left in the well, give the size and location. If the well has been dynamited, give date, size, position, and depth of dynamite or shot. If pumps or bridges were put in to test for water, state kind of material used, position, and results of pumping or pumping of pumps.

HISTORY OF OIL OR GAS WELL

10-43084-2 U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

Rate costing	Where set	Number sacks of cement	Mention used	Mud gravity	Amount of mud used
1.00	100	100	100	100	100
1.00	100	100	100	100	100
1.00	100	100	100	100	100

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from	feet to	feet and from	feet to
Cable tools were used from	feet to	feet and from	feet to

270

[illegible]