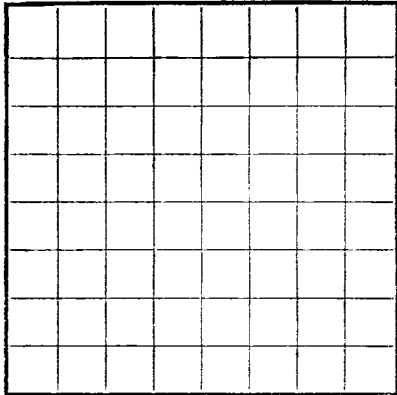


U. S. LAND OFFICE
SERIAL NUMBER 14-20-151-44
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company C. M. Carroll Address Box 337, Farmington, New Mexico
Lessor or Tract Ute Mountain Tribal Field Verde Gallup State New Mexico
Well No. 1-A Sec. 13 T. 31N R. 15W Meridian NMPM County San Juan
Location 660' ft. S. of S Line and 660 ft. E. of E Line of Sec. 13 Elevation 5671
(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 E. M. Rucker

Date January 9, 1958 Title Bookkeeper

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

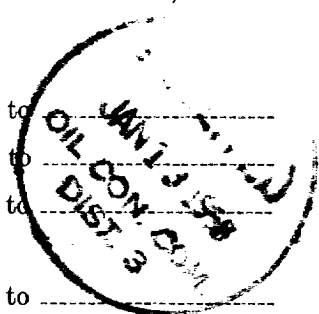
Commenced drilling Dec. 11, 1957 Finished drilling Dec. 26, 1957

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

No. 1, from 2525 gl. to 2580 gl. 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 _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____



Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	140'	100	Halliburton		
5-1/2	2525'	200	Halliburton		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	140'	100	Halliburton		
5-1/2	2525'	200	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material None 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 Surface feet to T. B. feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing Jan. 2, 1958

The production for the first 24 hours was _____ barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. 42.0

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

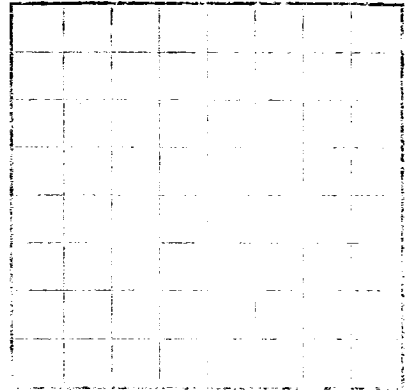
FROM—	TO—	TOTAL FEET	FORMATION
T/Men	Surf.	T/Gallup	2360
T/PL	884	T/L.Gallup	2540
T/Man	1342	T. D.	2590
T/ Sltstn	1706		

FOLD MARK

U. S. LAND OFFICE
SERIAL NUMBER
PLEASE ON PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATION OF COORDINATE

Log of well... (Faint text describing well details)

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

Continued drilling... (Faint text)

OIL OR GAS SANDS OR ZONES

(Indicate feet by (f))

No. 1 from ... to ...
No. 2 from ... to ...
No. 3 from ... to ...

IMPORTANT WATER SAMPLES

No. 1 from ... to ...
No. 2 from ... to ...
No. 3 from ... to ...

Rigged up tools (rotary) 12/10/57 & dig. 8 12-1/2 hole; set 8-5/8"
Surface @ 100'. Dig. 7-3/8 hole to 2540' & set 5-1/2" @ 2525'
Drig. 4-3/4" hole @ ID-2590'. Swabbed well with 5-5/8" swabb & made
3 pbis/hr. Well was put on pump... 9 pbis/hr. or 216/day.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, 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 "struck" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If pigs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

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Table with columns: FROM, TO, TOTAL FEET, FORMATION. Rows include: FORMATION RECORDED, EMPLOYEES, DATES, TOOLS USED, SHOOTING RECORD, PLUGS AND ADAPTERS, MUDGING AND OPERATING RECORD.

ARRAIN C 2003