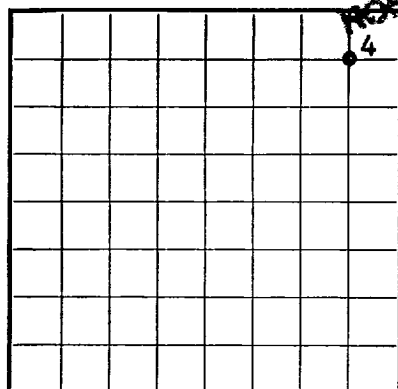


Form 9-330



LOCATE WELL CORRECTLY

Formerly:

Las Cruces

U. S. LAND OFFICE

New Mexico

Formerly:

069184

SERIAL NUMBER

071880

LEASE OR PERMIT TO PROSPECT

OCT 16 1961

STANDLEY

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Whaley Company, Inc. Address 1301-5 Continental Life Building
Formerly Federal "A" Lease Fort Worth 2, Texas
Lessor or Tract Federal-Whaley Lease Field Caprock Queen State New Mexico
Well No. 4 Sec. 15 T. 13S R. 31E Meridian N.M.P.M. County Chaves County, N.M.
Location 660 ft. [S.] of N. Line and 660 ft. [E.] of E. Line of Section 15 Elevation 4426
(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. **WHALEY COMPANY, INC.**
Signed BY: William D. Morris
Date October 5, 1961 Title President

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

Commenced drilling March 18, 19 61 Finished drilling September 8, 19 61

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3019' to 3046' No. 4, from None to None
No. 2, from None to None No. 5, from None to None
No. 3, from None to None No. 6, from None to None

IMPORTANT WATER SANDS

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

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	24	8 round	National	1,485'	Larkin	None	0	2	X
7" OD	20	8 round	National	3,013'	Larkin	None	X	X	X
2-3/8"	4.70	8 round	National	3,040'	Samless	Tubing run to 3,040'			
HOLE LOG OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	1,485'	500 Sacks	Halliburton	Cemented to Surface	
7" OD	3,013'	500 Sacks	Halliburton	Cemented to Surface	

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 0 feet to 3,013 feet, and from _____ feet to _____ feetCable tools were used from 3,013 feet to 3,046 feet, and from _____ feet to _____ feet

DATES

September 8, 19 61 Put to producing Shut in, 19 _____The production for the first 24 hours was none barrels of fluid of which X % was oil; X % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____If gas well, cu. ft. per 24 hours 84,632 MCF Gallons gasoline per 1,000 cu. ft. of gas NoneRock pressure, lbs. per sq. in. 140 Flowed on 1/2" choke at 14 pounds. See gas Analysis

EMPLOYEES on back.

O. E. Wood, Driller J. B. Bryant, DrillerFloyd Martin, Driller J. E. Massengill, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	50	50	Limestone Rock
50	115	65	Red Shale
115	175	60	Broken Red Shale with Little Sand- carries a Little Water
175	500	325	Red Beds
500	1,200	700	Red Rock and Red Shale
1,200	1,425	225	Red Beds and Red Sand
1,425	1,495	70	Anhydrite-Top Anhydrite 1,425'
1,495	1,750	255	Salt-Top Salt 1,495'
1,750	2,240	490	Salt and Anhydrite
2,240	2,400	160	Sand-Top of Yates 2,240'
2,400	3,019	610	Anhydrite and Red Shale
3,010	3,019	9	Lime and Anhydrite
3,019	3,026	7	Sand-Top of Queen Sand 3,019 with Large Volume Inert Gas

