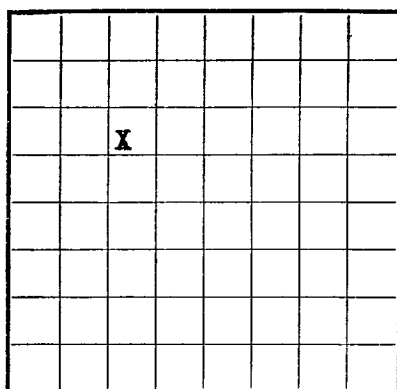


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 078431
LEASE OR PERMIT TO PROSPECT Nickson



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL DIS

Company The Magellan Company Address P. O. Box 1741 Farmington
 Lessor or Tract Federal Nickerson Field Ballard State New Mexico
 Well No. 3 Sec. 35 T. 26N. R. 8W Meridian NM County San Juan
 Location 1850 ft. N. of N Line and 1850 ft. E. of W Line of Sec. 35 Elevation 7033
 (Check 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: W. H. A. Cole

Date August 7, 1961 Title Geologist

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

Commenced drilling 7-22, 1961 Finished drilling 7-29, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2743 to 2840 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 1979 to 2160 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—	
8 5/8	24	6	CPI	100					Surface Production
4 1/2	9.5	8	CPI	2840	Howes-Guide		27 1/4	2840	
2 3/8	4.7	10	CPI						

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	100	75	Howco		
4 1/2	2840	125	1+plug		

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 2845 feet, and from _____ feet to _____ feet
Cable tools were used from _____ 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ----- 1541

616 EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	220	220	Sand
220	300	80	Shale
300	430	130	Sand
430	885	455	Shale and Sand
885	1500	615	Sand and Shale
1500	1600	100	Shale
1600	1920	320	Sand and Shale
1920	2160	240	Sand
2160	2550	390	Shale
2550	2743	193	Shale and Coal
2743	2840	97	Sand and Shale
			Formation: tops:
			Ojo Alamo 1920'
			Kirtland 2160'
			Fruitland 2550'
			Pictured Cliffs 2743'
			Lewis 2840'

[illegible]

Spudded 7-22-61. Ran 100' 8 5/8 surface casing. Cemented at 101 feet with 75 sacks. WOC 12 hours. Drilled 7 7/8 hole to 2840 feet. Reached Total depth 7-26-61. Ran Metex electric log. Ran 4 1/2 inch casing to 2840 feet. Cemented with 125 sacks 50-50-Portmix. WOC 48 hours. Drilled Howco-guide shoe and drilled 3 7/8" hole to 2845 feet, 7-28-61.

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 "sidetracked", 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 plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or falling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

[illegible]

FORMATION RECORD—Continued