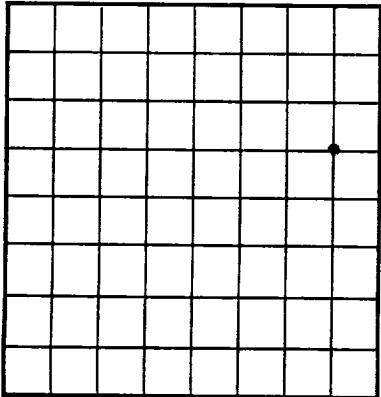




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC 068474
LEASE OR PERMIT TO PROSPECT _____
Government "B"

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Cities Service Oil Company Address Box 97, Hobbs, New Mexico
Lessor or Tract Government "B" Field Dickey-Queen State New Mexico
Well No. 4 Sec. 10 T. 14S R. 31E Meridian N&M County Chaves
Location 1980 ft. N of N Line and 660 ft. E of E Line of sec. 10-14S-31E Elevation 4417' (Ground)
(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 [Signature]
Date June 23, 1954 Title Division Clerk

The summary on this page is for the condition of the well at above date.
Commenced drilling 5-24, 19 54. Finished drilling June 22, 19 54.

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

No. 1, from 3047' to 3065' 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 150' to 190' 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—	
13 3/8"	364.8	8E 4 PR	H-406 SW	304'	Armed	-	-	-	Surface
8 5/8"	244	8E	J-55	1395'	Box Pat.	Reclaimed	-	-	Intermediate
5 1/2"	144	8E	H-40	3039'	Baker	-	-	-	Oil

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8"	311.6'	225	Plug	-	-
5 5/8"	1397	None	-	-	20 sacks mud w/20 bbl oil
1 1/2"	3042	150	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 1397 feet, and from _____ feet to _____ feet
Cable tools were used from 1397 feet to 3066 feet, and from _____ feet to _____ feet

DATES

June 23, 19 54 Put to producing June 22, 19 54
The production for the first 64 hours was 103 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 37.1 60 deg
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Mr. Thomas, Driller Mr. Miller, Driller
Mr. Jones, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	250	250	Surface soil, caliche and sand
250	744	494	Red bed
744	1245	501	Shale and anhydrite streaks-shells
1245	1530	285	Anhydrite
1530	2175	645	Salt
2175	2520	345	Anhydrite and shale
2520	2580	60	Anhydrite
2580	2850	270	Anhydrite and shale
2850	3047	197	Anhydrite
3047	3065	18	Queen sand
3065	3066	1	Anhydrite
			Formation tops
			Anhydrite 1395'
			Yates 2277'
			Queen 3047'

