

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 050158
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Owen Haynes Address Box 231, Artesia, New Mexico
 Lessor or Tract Harbold Field Empire State New Mexico
 Well No. 4 Sec. 26 T. 17S R. 27E Meridian N.M.P.M. County Eddy
 Location 380 ft. {^{N.}/_{S.}} of 3 Line and 292 ft. {^{E.}/_{W.}} of Line of sec. 26 Elevation _____

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 _____

Date July 31, 1951 Title Report

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

Commenced drilling 6-25-51, 1951 Finished drilling 7-5-51, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3/1-1201 to _____ 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 ~~None~~ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8"	415'	25			

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
		Acid	1000 gal			415'

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

-----, 19----- Put to producing ----- July 28, 1961 -----, 19-----

The production for the first 24 hours was 22 barrels of fluid of which 100 % 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. _____

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	5		Gyp
5	150		Anhydrite & Red bed
150	225		Red Bed
225	250		Anhydrite
250	275		Red Bed
275	280		Anhydrite & Red bed
280	360		Anhydrite
360	375		Red Bed
375	380		Anhydrite
380	415		Anhydrite & Red bed
415	420		Anhydrite, Show of oil
420	422		Brown Lime TOTAL DEPTH.
FROM—	TO—	TOTAL FEET	FORMATION

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LOCATE WELL CORRECTLY

A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares.

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

Commenced drilling _____, 19____
Finished drilling _____, 19____

Date _____ Title _____

(Devote gas by G)

IMPORTANT WATER SANDS

CASING RECORD

U. S. GOVERNMENT PRINTING OFFICE 16-48094-1

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Page 1 of 1

SHOOTING RECORD

TOOLS USED			
1991	feet to	feet to	feet, and from
1992	feet to	feet to	feet, and from

23TAC

[illegible]

EMPLOYEES

Driller			
Driller			

FORMATION RECORD

FROM -	TO -	TOTAL FEET	FORMATION
100	100	100	100
200	200	200	200
300	300	300	300
400	400	400	400
500	500	500	500
600	600	600	600
700	700	700	700
800	800	800	800
900	900	900	900
1000	1000	1000	1000
1100	1100	1100	1100
1200	1200	1200	1200
1300	1300	1300	1300
1400	1400	1400	1400
1500	1500	1500	1500
1600	1600	1600	1600
1700	1700	1700	1700
1800	1800	1800	1800
1900	1900	1900	1900
2000	2000	2000	2000
2100	2100	2100	2100
2200	2200	2200	2200
2300	2300	2300	2300
2400	2400	2400	2400
2500	2500	2500	2500
2600	2600	2600	2600
2700	2700	2700	2700
2800	2800	2800	2800
2900	2900	2900	2900
3000	3000	3000	3000
3100	3100	3100	3100
3200	3200	3200	3200
3300	3300	3300	3300
3400	3400	3400	3400
3500	3500	3500	3500
3600	3600	3600	3600
3700	3700	3700	3700
3800	3800	3800	3800
3900	3900	3900	3900
4000	4000	4000	4000
4100	4100	4100	4100
4200	4200	4200	4200
4300	4300	4300	4300
4400	4400	4400	4400
4500	4500	4500	4500
4600	4600	4600	4600
4700	4700	4700	4700
4800	4800	4800	4800
4900	4900	4900	4900
5000	5000	5000	5000
5100	5100	5100	5100
5200	5200	5200	5200
5300	5300	5300	5300
5400	5400	5400	5400
5500	5500	5500	5500
5600	5600	5600	5600
5700	5700	5700	5700
5800	5800	5800	5800
5900	5900	5900	5900
6000	6000	6000	6000
6100	6100	6100	6100
6200	6200	6200	6200
6300	6300	6300	6300
6400	6400	6400	6400
6500	6500	6500	6500
6600	6600	6600	6600
6700	6700	6700	6700
6800	6800	6800	6800
6900	6900	6900	6900
7000	7000	7000	7000
7100	7100	7100	7100
7200	7200	7200	7200
7300	7300	7300	7300
7400	7400	7400	7400
7500	7500	7500	7500
7600	7600	7600	7600
7700	7700	7700	7700
7800	7800	7800	7800
7900	7900	7900	7900
8000	8000	8000	8000
8100	8100	8100	8100
8200	8200	8200	8200
8300	8300	8300	8300
8400	8400	8400	8400
8500	8500	8500	8500
8600	8600	8600	8600
8700	8700	8700	