

[illegible]

Approval expires 12-31-00.

LAS CRUCES

U. S. LAND OFFICE

SERIAL NUMBER **070930**

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
MAR 1 1960

D. F. G.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY

Company Humble Oil & Refining Company Address Box 2180, Houston 1, Texas
Box 2347, Hobbs, New Mexico

Lessor or Tract Abso-Chalk Bluff Draw Unit No. 1 Field Empire Abso State New Mexico

Well No. 1 Sec. 9 T. 18N R. 27E Meridian NMPN County ddy

Location 1980 ft. N of SE Line and 1900 ft. E of W Line of Section 9 Elevation 3532
(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 R. I. Alworth Title District Superintendent

Date February 25, 1940

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

Commenced drilling _____ 19 60 Finished drilling _____ 19 60

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ 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
8-5/8"	1476	750	Pumped	-	-
4-1/2"	5717	350	Pumped	-	-

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 5717 TD feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

February 3, 1960	Put to producing February 3, 1960
The production for the first 24 hours was 70 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment.	
If gas well, cu. ft. per 24 hours	Gravity, °Bé. 44.0
Rock pressure, lbs. per sq. in.	Gallons gasoline per 1,000 cu. ft. of gas

EMPLOYEES

R. O. Blackledge	, Driller	R. L. Bentler	, Driller
Adam Locke	, Driller		, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	365	365	Red Mud
365	1035	670	Anhydrite & Gypsum
1035	1340	305	Lime, anhydrite & Gypsum
1340	1514	174	Anhydrite & Lime
1514	4631	3117	Lime
4631	4830	199	Dolomite and Chert
4830	5217	387	Lime, Dolomite & Chert
5217	5393	176	Lime & Shale
5393	5717 TD	324	Lime
			<u>FORMATION TOTAL</u>
			San Andres 1531
			Yaso 2935
			Abo 5268

[OVER]
 LOYALTY BECOMES--CONTINUED

