Form 9-330

Budget Bureau No. 42-R355
Approval expires 11-30-

U. S. Land Office
Serial Number
Lease or Permit to Prospect

RECEIVED
MAY 16 1950
HOBBS OFFICE

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Humble Oil & Refining Company Address Box 2180, Houston, Texas

Lessor or Tract Federal Hobbs Field Seven Rivers State New Mexico

Well No. 1 Sec. 24 T. 20-S R. 24-E Meridian — County Eddy

Location 660 ft. {N./S.} of S Line and 660 ft. {E./W.} of — Line of Sec. 24 Elevation 3588
(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 J. P. Buckman

Date May 15, 1950 Title Asst. Division Supt.

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

Commenced drilling 11-29-49, 19— Finished drilling 4-22-50, 19—

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from none 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 — to — 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 From—	Perforated To—	Purpose
13-3/8	48	8rd	Natl	406.38	Howco	—	—	—	Surface
9-5/8	36	8rd	Natl	4019.20	Howco	—	—	—	Intermediate

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	423.03	750	Howco	—	—
9-5/8	4019.20	1400	Howco	—	—

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 12500 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. —

EMPLOYEES

Virgil Jones, Driller E. L. Allen, Driller

J. O. Marshall, Driller —, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	230	230	Red Bed & Shells
230	312	82	Red Bed, Lime Shells
312	390	78	Lime
390	470	80	Lime & Shells
470	515	45	Lime, Shells & Sand
515	1199	684	Lime
1199	1383	184	Dolomite
1383	1610	227	Lime & Chert
1610	2502	892	Lime
2502	2635	133	Lime & Chert
2635	2875	240	Lime
2875	3124	249	Lime & Chert
3124	3346	222	Lime
3346	3415	69	Sand
3415	3662	247	Lime & Sand
3662	3830	168	Lime & Shale
3830	3909	79	Lime
3909	4614	705	Shale & Lime
4614	4714	100	Shale
4714	4852	138	Lime & Shale
4852	5613	761	Shale
5613	5732	119	Lime & Shale
5732	5900	168	Dolomite
5900	6018	118	Shale
6018	6139	121	Shale & Dolomite
6139	6288	149	Shale

FORMATION RECORD—CONTINUED

OVER

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FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
6408	6469	61	Lime & Shale
6469	6530	61	Lime
6530	6718	188	Lime & Shale
6718	6824	106	Dolomite
6824	7078	254	Shale
7078	7238	160	Lime, Sandy Shale
7238	7605	367	Shale
7605	7724	119	Lime & Shale
7724	7856	132	Shale & Sand
7856	7977	121	Shale
7977	8242	265	Shale & Lime
8242	8390	148	Lime & Chert
8390	8663	273	Lime & Shale
8663	8730	67	Lime, Shale & Chert
8730	8875	145	Lime & Shale
8875	9040	165	Shale, Sand
9040	9076	36	Lime & Shale
9076	9255	179	Lime & Chert
9255	9398	143	Lime, Shale, Sand
9398	9462	64	Shale & Sand
9462	9502	40	Lime, Sand & Shale
9502	9744	242	Lime & Shale
9744	9817	73	Lime, Shale & Chert
9817	9874	57	Lime & Sand
9874	9935	61	Lime & Chert
9935	9969	34	Lime & Shale
9969	10021	52	Lime
10021	10065	44	Lime, Shale & Chert
10065	10100	35	Lime & Shale
10100	10138	38	Lime & Chert
10138	10310	172	Lime & Shale
10310	10447	137	Dolomite
10447	10564	117	Dolomite & Lime
10564	10913	349	Dolomite
10913	11177	264	Dolomite & Chert
11177	11199	22	Dolomite & Sand
11199	11411	212	Dolomite
11411	11476	65	Dolomite & Chert
11476	11580	104	Dolomite

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HISTORY OF OIL OR GAS WELL

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 bailing.

This well was drilled to a total depth of 11,580 and was a dry hole. Cement plugs were placed as follows: first plug 11580 to 11430, 50 sacks Sle Set Cement, second plug 11177 - 11127, 57 sacks Sle Set Cement, third plug 10917 - 10766, 57 sacks Reg Cement, fourth plug 10347 - 10197, 57 sacks Lone Star Cement, fifth plug 4119 - 3919, 77 sacks Lone Star Cement, sixth plug 910 - 710 , 126 sacks Lone Star Cement, seventh plug 200 - 0, 160 sacks Lone Star Cement.

Casing left in well:

13-3/8" H-40, 48# 10 Jts 406.28'
9-5/8" J-55 36# 77 Jts 3208.06'