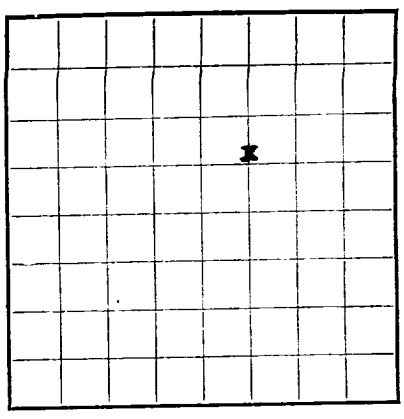
Budget Bureau No. 42-R355.2.
Approval expires 12-31-52.

Form 9-330

Artesia, N. Mex.

U. S. LAND OFFICE _____
SERIAL NUMBER _____
LEASE OR PERMIT [illegible]



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 Chalk Bluff Draw "C" Field Undesignated State New Mexico
Well No. 1 Sec. 17 T. 18-S R. 27-E Meridian NMPM County Eddy
Location 1980 ft. {N. / S.} of N Line and 1980 ft. {E. / W.} of E Line of Section 17 Elevation 3436 DF (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 A. P. Murdock

Date July 31, 1959 Title District Superintendent

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

Commenced drilling April 6, 19 59 Finished drilling July 14, 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from G 9464 to 9489 No. 4, from ____ to ____
No. 2, from G 9446 to 9458 No. 5, from ____ to ____
No. 3, from G 9366 to 9392 No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from None 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
8-5/8" & 32		8R STAC	L. Ward	1586.60	Baker	-	-	-	Surface
5-1/2" & 15.5&17		8R LTAC	-	9607.30	Baker	-	9446	9458	
							9464	9489	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	1500.48	600	Pumped		
5-1/2	9621.05	570	"		

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 9650 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 14,880 MCF-GPD Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

T. W. Reed, Driller P. K. Rylant, Driller
_____, Driller _____, Driller
R. B. Arnold

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	89	89	Anhydrite & gyp
89	885	796	Lime & anhydrite
885	1250	365	Lime & gyp
1250	1509	259	Lime
1509	1584	75	Dolomite & chert
1584	1829	245	Dolomite
1829	1957	128	Dolomite & lime
1957	2142	185	Dolomite
2142	2232	90	Dolomite & chert
2232	3515	1283	Dolomite
3515	3535	20	Dolomite & chert
3535	3567	32	Dolomite
3567	3690	123	Dolomite & shale
3690	4009	319	Dolomite
4009	4199	190	Dolomite & chert
4199	4835	636	Dolomite
4835	4908	73	Dolomite & chert
4908	5082	174	Dolomite
5082	5330	248	Dolomite & shale
5330	6755	1425	Dolomite
6755	6903	148	Dolomite & shale
6903	7654	751	Dolomite
7654	7804	150	Dolomite & shale
7804	7827	23	Dolomite
7827	7854	27	Dolomite & shale
7854	7892	38	Dolomite, shale & sand

[OVER]

16—43094-2

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
7892	7913	21	Dolomite & shale
7913	7968	55	Dolomite
7968	8015	47	Dolomite & shale
8015	8063	48	Dolomite
8063	8108	45	Dolomite & shale
8108	8409	301	Dolomite
8409	8445	36	Dolomite & shale
8445	8771	326	Dolomite
8771	8792	21	Dolomite & chert
8792	8839	47	Dolomite
8839	8866	27	Dolomite & lime
8866	8904	38	Dolomite
8904	8946	42	Dolomite & lime
8946	8981	35	Dolomite
8981	8994	13	Dolomite & lime
8994	9051	57	Lime
9051	9061	10	Dolomite & lime
9061	9118	57	Lime & shale
9118	9137	19	Lime
9137	9157	20	Lime & dolomite
9157	9189	32	Lime
9189	9215	26	Lime & shale
9215	9230	15	Lime
9230	9284	54	Lime & shale
9284	9324	40	Lime
9324	9360	36	Lime & shale
9360	9423	63	Lime
9423	9439	16	Lime & shale
9439	9465	26	Lime
9465	9515	50	Lime & shale
9515	9530	15	Lime
9530	9850 TD	320	Lime & shale

FORMATION TOPS

1070	Grayburg
1335	San Andres
2675	Glorieta
2825	Yeso
3750	Clearfork
4380	Tubb
4950	Abo
6140	Wolfcamp
7350	Cisco
8140	Canyon
8730	Strawn
9020	Bend
9840	Mississippian

DRILL STEM TESTS

Date	Type of Test	Formation Tested From	To	Size Choke Top	Bottom	Tool Open Minutes	Formation Press. Flowing	SI	Recovery Oil	Water
4-20-59	OH	3132	3182	1"	5/8"	60	120#		180' gas in DP &	
5-7-59	OH	5300	5350	1"	5/8"	120	100#		120' water	
5-9-59	OH	5350	5427	1"	5/8"	90	180#		2900' gas 210' gas cut mud	2250' gas in DP & 300'

HISTORY OF OIL OR GAS WELL

16—43094-2 U. (See Attachment)

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.

5-1/2" casing set at 9621.05'. Cemented with 520 sacks 12% gel cmt. Ran temperature survey, found top of cement at 6300'. Plug back depth 9577'. Perforated 5-1/2" casing from 9438-9464 & 9458-9446 with 2 shots per foot, using Welex swing jet. On 4 point open flow potential test well produced at rate of 14,800 Mcf/day.