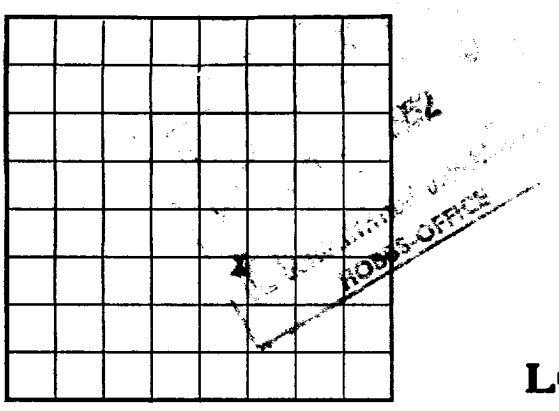
Budget Bureau No. 42-R355.1.
Approval expires 11-30-49.

Form 9-330

U. S. Land Office Las Cruces
Serial Number 065455
Lease or Permit to Prospect



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Humble Oil & Refining Company Address Box 2347, Hobbs, N. M.
Lessor or Tract Federal Terry Field Terry Blinebry State New Mexico
Well No. 1 Sec. 1 T. 21S R. 37E Meridian NMPM County Lea
Location 1980 ft. {N./S.} of S Line and 1980 ft. {E./W.} of E Line of Sec. 1 Elevation 3558DF
(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 October 23, 1952 Title District Superintendent

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

Commenced drilling 8-31-52, 19.... Finished drilling 10-2-52, 19....

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 5958 to 5990 No. 4, from ..... to .....
No. 2, from 6010 to 6065 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
10-3/4	32.75	8R	Unknown	306.50	Guide				
7-5/8	26.4	8R	National	3193.46	Baker				
5-1/2	15.5	8R	Youngs.	6058.00	Baker		5958	5990	
							6010	6065	
2-3/8	4.7	8R Tbg.	National	5880.25					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	322.74	175	Halliburton		
7-5/8	3193.46	1000	Halliburton	10.9	
5-1/2	6070.10	325	Halliburton	9.7	

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
1/4"	Lane Wells	Jet	192	10-1-52	5958-5990	
1/4"	Lane Wells	Jet	330	10-3-52	6010-6065	

TOOLS USED

Rotary tools were used from 0 feet to 6070 feet, and from ..... feet to ..... feet
Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

DATES

....., 19.... Put to producing 10-2-52, 19....

The production for the first 24 hours was 140.45 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment.

Gravity, °Bé. 40

If gas well, cu. ft. per 24 hours ..... Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. .....

EMPLOYEES

Paul R. McQueen, Driller A. T. Coleman, Driller
A. C. Wright, Driller ....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	40	40	Caliche
40	70	30	Caliche and gravel
70	250	180	Red bed and red rock
250	342	92	Red bed and shells.
342	1130	788	Red beds
1130	1425	295	Red rock and shells
1425	1455	30	Red rock & anhydrite
1455	1570	115	Red bed and shells.
1570	2705	1135	Anhydrite, salt, shells - Rustler @ 1570'
2705	2887	182	Anhydrite & gyp - Yates 2825'
2887	2995	108	Sand
2995	3195	200	Anhydrite, sand, gyp
3195	3882	687	Lime
3882	3966	84	Lime and shale
3966	4465	499	Lime - San Andres @ 4210'
4465	5544	1079	Lime and sand - San Angelo @ 5510'
5544	5576	32	Dolomite and lime
5576	5660	84	Lime
5660	5795	135	Dolomite and lime
5795	6070 T. D.	275	Lime - Clearfork 5960'

FOLD

MARK

(OVER)

16—42004-2

FORMATION RECORD—CONTINUED

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

16—43094-1 U. S. GOVERNMENT PRINTING OFFICE

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.

10-1-52 - Perforated from 5958-5990' with 192 - 1/4" Lane wells jet shots (6 shots per foo

10-2-52 - Treated from 5958-5990 with 5000 gallons Cardinal low tension acid. Maximum pressure 2500#.

10-3-52 - Perforated from 6010-6065 with 330 - 1/4" Lane Wells Jet shots (6 shots per foot

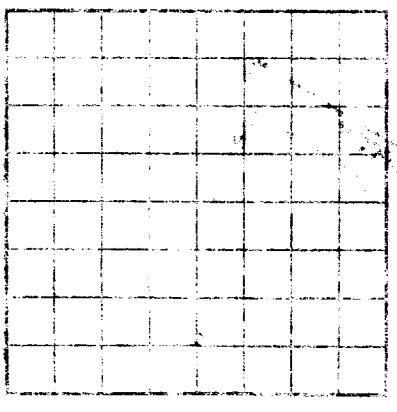
10-4-52 - Treated from 5958-5990 and 6010-6065' with 1000 gallons Cardinal 15% low tension acid followed by 500 gallons Jel Jet 99 and 1000 gallons Cardinal 15% low tension acid. Maximum and minimum tubing pressures on jel - 3200-2800. Maximum and minimum tubing pressures on low tension acid 2650-2100.

DRILL STEM TESTS

DATE TEST	FROM	TO	TYPE OF FORMATION TESTED	SIZE CHOKE TOP	SIZE CHOKE BOT.	MINUTES	FORM. PRESS. FLOW	FORM. PRESS. S.I.	Recovery Feet OIL	Recovery Feet WATER	Recovery Feet MUD	WAS TEST SATIS.
9- 6-52	O. H.	2879		1"	5/8"	30	92	110		30a		Yes
9-25-52	O. H.	5900	5960	1"	5/8"	75	50	No build up		150b		
9-26-52	O. H.	5960	6020	1"	5/8"	60	180	400		360c		Yes
9-27-52	O. H.	6020	6070	1"	5/8"	46	130	230		320b		Yes
										180c		Yes

a - drilling mud
b - oil and gas cut drilling mud
c - heavy oil and gas cut drilling mud

mcb/mcb



LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

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UNITED STATES