Form 9-330

Budget Bureau No. 42-R355.
Approval expires 11-30-46.

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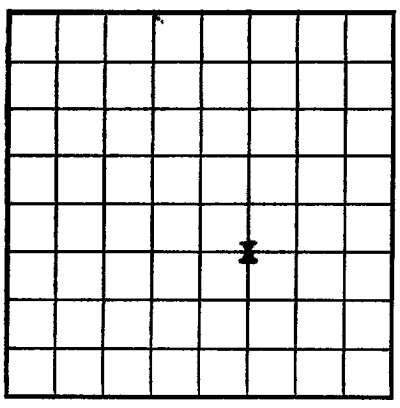
DEC 1 1953
OIL CONSERVATION COMMISSION
HOBBS OFFICE

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032233 (B)
LEASE OR PERMIT TO PROSPECT
Humble No. 163110

UNITED STATES Federal Bowers B
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Humble Oil & Refining Co. Address Box 2347, Hobbs, N. M.

Lessor or Tract Federal Bowers B Field East Hobbs State New Mexico

Well No. 4 Sec. 25 T. 18S R. 38E Meridian ..... County Lea

Location 1980 ft. {N.} of S Line and 1980 ft. {E.} of E Line of Sec. 25 Elevation 3622DF
(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 [illegible]

Date November 30, 1953 Title District Chief Clerk

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

Commenced drilling 9-21-53, 19.. Finished drilling 10-28-53, 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 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	29.75	8R	[illegible]	1926.58	Baker				
5-1/2	14 415.5	8R	Foreign	4052.34	Howco				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	1932.06	1000 Sx. Longhorn	Halliburton	9.4	
5-1/2	4065.00	90 Sx. Longhorn	Halliburton	10.8	
P. B.	4505-4305	65 Sx. Lone Star			
P. B.	4125-3925	65 Sx. Lone Star	(Drilled out med. hard cement from 3982 to 4065)		

FOLD HERE

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 4505 feet, and from ..... feet to ..... feet

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

DATES

....., 19.. Put to producing Dry Hole, 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

J. W. Dyer, Driller W. J. Botkin, Driller

J. J. Scarborough, Driller Al Gilbert, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION		
0	67	67	Sand and caliche		
67	320	253	Sand		
320	1935	1615	Red Bed	Anhydrite -	1886
1935	1979	44	Anhydrite		
1979	3224	1245	Anhydrite and salt	Yates	3062
3224	3580	356	Anhydrite and gyp		
3580	3805	225	Anhydrite, gyp & lime		
3805	3905	100	Lime		
3905	3925	20	Lime, gyp, anhydrite		
3925	4505	580	Lime	Queens	3997
				San Andres	4502

(OVER)

16—43094-1

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43084-1 U. S. GOVERNMENT PRINTING OFFICE

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 "abandoned" or left in the well, give its size and position. 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.

DATE	DEPTH FROM	DEPTH TO	SHOTS GALS.	BULLET OR JET KIND OF FLUID	GUN NAME SIZE, CONS.	GUN OD MAX. PRESS.	SERVICE COMPANY	REMARKS
10-17-53	3995	4030	70	Jet	-	4"	P. G. A.	2 shots per foot
10-17-53	3995	4030	70	Bullet	-	4"	P. G. A.	Ditto
10-17-53	3995	4030	500	Mud Acid	-	-	Dowell	Attempted to treat with 500 gallons of mud acid. Wilson packer would not reset.
10-18-53	3995	4030	4000	Oil with 1#Sand/Gal.	3600	4350	Halliburton	
10-20-53	3842	3872	60	Jet	-	4"	P. G. A.	2 shots per foot
10-20-53	3842	3872	60	Bullet	-	4"	P. G. A.	2 shots per foot
10-21-53	3842	3872	500	Mud Acid	-	-	Dowell	
10-21-53	3842	3872	4000	Oil w/1# sand /Gal.	3450	4500	Halliburton	
10-26-53	3842	3872	10,000	Oil w/1# sand/Gal.	2300	4100	Halliburton	

10-20-53 Set Baker C. I. retainer at 3920' - squeeze cemented with 35 sacks regular cement; 27 sacks in formation, 5 sacks in casing, reversed 3 sacks.

10-31-53 Set Baker Model "K" retainer on 2" tubing at 3787' - mixed 50 sx. Lone Star cement and squeezed perforations from 3842 to 3872' with 45 sx.

mcb/mch

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HOBBS, NEW MEXICO