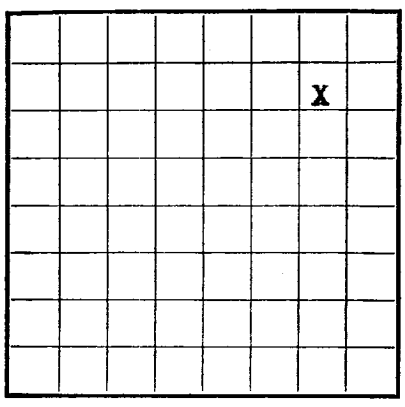
NMOCC

Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC-062300
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company TEXACO Inc. Address P. O. Box 728 - Hobbs, New Mex.

Lessor or Tract Cotton Draw Unit Field Undesignated State New Mexico

Well No. 56 Sec. 28 T. 25-S R. 32-E Meridian NMPM County Lea

Location 660 ft. [N.] of N Line and 990 ft. [E.] of E Line of Section 28 Elevation 3387' (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

Date September 15, 1961 Title Assistant District Superintendent

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

Commenced drilling August 30, 1961 Finished drilling September 7, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4628' to 4634' No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

Drilled with rotary tools and no water sands tested.

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
7 5/8"	24.00	8-R	H-40	341'	Howco	None	None	None	Surface
4 1/2"	9.50	8-R	J-55	4750'	Howco	None	See above		Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7 5/8"	355'	250	Howco		
4 1/2"	4759'	150	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 4760 feet, and from feet to feet

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

DATES

September 15, 1961 Put to producing September 13, 1961

The production for the first 24 hours was 348 barrels of fluid of which 85 % was oil; - % emulsion; 15 % water; and % sediment. Gravity, °Bé. 41.1

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

W. H. Morris, Driller B. M. Slaughter, Driller

Bob Colwell, Driller James Hunt, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	260	260	Caliche
260	738	478	Red Bed
738	1132	394	Top of Anhy
1132	1930	798	Top of Salt
1930	4356	2426	Anhy & Salt
4356	4602	246	Lime
4602	4760	158	Delaware Sane
Total Depth	4760		
PBTD	4728		

All measurements from Rotary Table or 8' above ground level.

Estimate No. 5651
4 - USGS
1 - Mrs. Rhea
1 - Pauley Petroleum Co.
1 - NMOCC
1 - Division
1 - Field
1 - File

Formation Tops
Top of Anhy - 738'
Top of Salt - 1132'
Btm of Salt - 4356'
Top of Delaware Sand - 4602'

[OVER]

16—43094-4

FOLD

MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

Deviation Record

Depth	Degrees Off
356'	3/4
849'	1
1280'	1
1830'	1 1/2
2100'	1
2654'	1 1/2
3258'	3
3850'	2 3/4
4240'	2 1/2
4760'	2 1/2

16—43094-2 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 "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.

Cotton Draw Unit Well No. 56

Spudded 9 7/8" hole 2:00 p.m. August 30, 1961. Ran 341' of 7 5/8" OD casing and cemented at 355' with 250 sx regular. Cement circulated. Plug at 324'. Tested before and after drilling plug for 30 minutes with 600 PSI. Tested O.K. Job complete 5:30 a.m. August 31, 1961.

Ran 4750' of 4 1/2" OD casing and cemented at 4759' with 150 sx Incor. Plug at 4728'. Tested before and after drilling plug for 30 minutes with 1500 PSI. Tested O.K. Job complete 11:30 p.m. September 8, 1961.

Perforate 4 1/2" OD casing with 2 jet shots per ft. 4628' to 4634'. Acidize with 500 gals LST NEA. Re-acidize with 1500 gals LST NEA. Frac with 2500 gals refined oil and 2500 lbs sand.

On 12 hr Potential Test well flowed 148 BO and 26 BW thru 16/64" choke ending 7:00 a.m. September 14, 1961.

GOR - 23
Gravity - 41.1
Top of Pay - 4628'
Btm of Pay - 4634'
USGS Date - September 7, 1961
TEXACO Inc. Date - September 14, 1961

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

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UNITED STATES