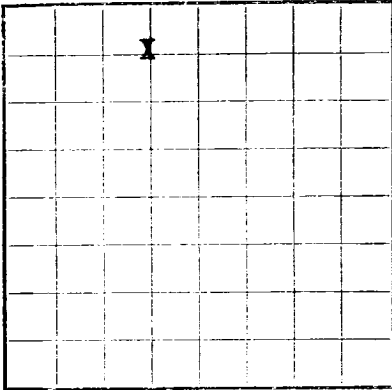


U. S. LAND OFFICE **Las Cruces**
 SERIAL NUMBER
 LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company TEYACO Inc. Address P.O. Box 352 - Midland, Texas
 Lessor or Tract Cotton Draw Unit Field Undesignated State New Mexico
 Well No. 40 Sec. 10 T. 25S R. 32E Meridian SEPM County Lea
 Location 660 ft. N of N Line and 1980 ft. E of 1 Line of Section 10 Elevation 3476' (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 [Signature]

Date March 28, 1961 Title Assistant District Superintendent

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

Commenced drilling March 13, 1961 Finished drilling March 22, 1961

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 4752' to 4762' 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8	330	250	HOWCO		
4-1/2	4814	200	HOWCO		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

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

DATES

DATE March 28, 1961 Put to producing March 26, 1961
 The production for the first 24 hours was 72.42 barrels of fluid of which 42% was oil; _____%
 emulsion; 53% water; and _____% sediment. Gravity, °Bé. 11.0
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

<u>Marion Alexander, Jr.</u>	Driller	<u>Marvin Alexander</u>	Driller
<u>B. M. Slaughter</u>	Driller		Driller

FORMATION RECORD

FORMATION RECORD			FORMATION	
FROM--	TO--	TOTAL FEET		
	95	95	Caliche	
95	790	695	Red Bed	
790	1125	335	Anhydrite	
1125	1830	705	Salt	
1830	4470	2640	Anhydrite & Salt	
4470	4731	261	Lime	
4731	4815	84	Delaware Sand	
TOTAL DEPTH 4815				
PB TD 4811				
All measurements from rotary table or 8' above ground level.				
ESTIMATE NO. <u>5452</u>				
4 - U.S.G.S.			<u>FORMATION TOPS</u>	
1 - NEDCC				
1 - Mrs. Rhea			Anhydrite	790
1 - Division			T. Salt	1125
1 - Field			B. Salt	4470
1 - File			Delaware Sand	4731
			APR 1952	
			BY	
			CHECKED	

[OVER!

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
			DEPTH
			DEGREES OFF
		3401	1/4
		7301	1/2
		12651	1/2
		17201	1
		26401	1-1/2
		28901	1
		32251	1-1/2
		38351	1-1/2
		43851	1-1/2
		48151	1-1/2

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 DEAN UNIT WELL No. 40

Spudded 9-7/8" hole 12:01 P.M. March 13, 1961. Ran 7-5/8" OD casing and cemented at 3301 with 250 sacks regular. Plug at 3051. Cement circulated. Tested before and after drilling. Plug for 30 minutes with 400 psi. Tested O.K. Job complete 9:30 A.M. March 15, 1961. Ran 4801' of 4-1/2" OD casing and cemented at 4811' with 200 sacks Incor. Plug at 4791. Tested before and after drilling plug for 30 minutes with 1500 psi. Tested O.K. Job complete 9:00 A.M. March 24, 1961. Ran Gamma Ray and tie-in log March 25, 1961. Perforate 4-1/2" OD casing with 2 jet shots per foot 4752' to 4762'. Acidize with 500 gallons 15% IST NHA. Prepare to swab test. On 24 hr. swab test 30.42 BO and 42.00 bbls. salt water ending 7:00 A.M. March 28, 1961.

GOR - TSTM
Gravity - 41.0
Top of Pay - 4752'
Btm of Pay - 4762'
NMOC Date - March 22, 1961
TEXACO Inc. Date - March 28, 1961