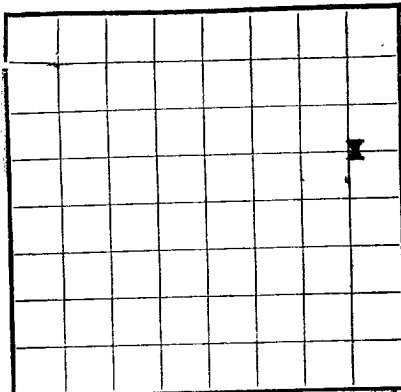


Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 030177 (a)
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY
Company WACO Inc. Address P.O. Box 352, Midland, Texas
Lessor or Tract C. W. Shepherd (a) Field Undesignated State New Mexico
Well No. 3 Sec. 1 T26-S R. 36-E Meridian NMPH County Lea
Location 1905 ft. of N. Line and 660 ft. of E. Line of Section 1 Elevation 2980' (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 W. B. Hurst Title Assistant District Superintendent
Date January 11, 1961
The summary on this page is for the condition of the well at above date:
Commenced drilling December 1, 1960 Finished drilling December 17, 1960

OIL OR GAS SANDS OR ZONES

No. 1, from 2920' to 2934' No. 4, from _____ to _____
No. 2, from See reverse to side No. 5, from _____ to _____
No. 3, from 5053' to 5033' 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		Purpose
							From—	To—	
7-5/8"	24.00	8-8	H-40	450	Howco	None	None	None	Surface
4-1/2"	9.50	8-8	H-40	300	Howco	None	None	None	Production
HISTORY OF OIL OR GAS ACCT									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8"	463	300	Howco		
4-1/2"	3049	700	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 3050 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

January 11, 1961 Put to producing January 9, 1961
The production for the first 24 hours was 176 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 32.0
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

A. J. Henderson, Driller James Hurst, Driller
L. G. Mills, Driller T. E. Ripley, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	250	250	Caliche
250	1012	762	Red Bed
1012	1040	28	Red Bed & Anhy
1040	1118	78	Anhy & Gyp
1118	2576	1458	Anhy & Salt
2576	2732	156	Anhy
2732	3050	318	Anhy & Lime
Total Depth	3050		
PBTD	2936		
All measurements from rotary table or 9' above ground level.			
Estimate	5253		
4 - USGS			
1 - NMOCC			
1 - Amerada Pet.-Midland			
1 - Columbian Carbon Co.			
1 - Amerada Pet.-Tulsa			
1 - Division			
1 - Field			
1 - File			
			Formation Tops
			Top Anhy 1012'
			Top Salt 1118'
			Base Salt 2576'
			Base 2732'

