

U. S. LAND OFFICE Las CrucesSERIAL NUMBER LC-064577-A

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYD. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Texaco Seaboard Inc. Address P. O. Box 352, Midland, Texas
Lessor or Tract B. I. Hanson Federal Field Shugart State New Mexico
Well No. 2 Sec. 3 T. 19-SR. 31-E Meridian NMPM County Eddy
Location 2310 ft. N. of S. Line and 1980 ft. E. of E. Line of Section 3 Elevation 3614 (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

Date March 29, 1960Title Assistant District Supt.

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

Commenced drilling March 1, 1960 Finished drilling March 13, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3377 to 3383 No. 4, from 3616 to 3620No. 2, from 3387 to 3392 No. 5, from 3642 to 3650No. 3, from 3395 to 3404 No. 6, from 3650 to 3650

Drilled with Rotary Tools and no water sands tested.

No. 1, from 3377 to 3383 No. 3, from 3395 to 3404No. 2, from 3387 to 3392 No. 4, from 3616 to 3620

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
8 5/8	24.00	88	J55	835'	Larkin	None	None	None	Surface
4 1/2	11.20	88	J55	3890'	Larkin	None	See	Above	Production
HIZLOKA OIL CUT ON CY2 LEFT									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	848'	550	Howco		
4 1/2	3900'	300	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 3900 feet, and from _____ feet to _____ feet

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

DATES

March 29, 1960 Put to producing March 23, 1960The production for the first 24 hours was 85 barrels of fluid of which 82% was oil; _____% emulsion; 18% water; and _____% sediment. Gravity, °Bé. 33.6

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

T. E. Bingham, Driller W. J. Botkin, DrillerB. G. Campbell, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	180	180	Caliche
180	850	670	Redbed & Anhy
850	907	57	Anhy
907	2305	1398	Anhy & Salt
2305	2874	569	Anhy & Gyp
2874	3900	1026	Lime
Total Depth	3900		
PBTD	3879		

All measurements from rotary table are 8' above ground level.

ESTIMATE 5129

4 - USGS
1 - NMOCC
1 - Field
1 - Division
1 - File720 Anhy
967 Top Salt
2296 Bottom Salt
2475 Yates
3367 Queen
3614 Penrose

Complete the following information for each well, and attach to the log. If the well is not yet completed, give the information to the best of your knowledge, and indicate the date when the well was last worked. The information given should be checked against the well and all work done thereon so far as it has been completed. If the well is not yet completed, give the information to the best of your knowledge, and indicate the date when the well was last worked.

Date of completion: _____

The number on this page is for the condition of the well at the time of completion.

Comments on drilling: _____

3377, Btm of Pay 3650'. NMCC Date March 13, 1960. TEXACO Inc. Date -- March 25, 1960. On 24 hr. PI test well pumped 70 B0 and 15 BW, GOR 151M, Gravity 33.6, Top of Pay Shut in 32 hrs. Recover lead oil and test. A.M., March 18, 1960. Frac with 15,000 gals refined oil and 30,000 lbs sand at 21.2 BPM. Job complete 10:30 P.M. 3377 to 3383, 3387 to 3392, 3395 to 3404, 3416 to 3620, and 3642 to 3650. complete 12:30 P.M., March 16, 1960. 4-1/2" O.D. casing with 2 bullets per at 3879'. Tested before and after drilling plug with 1500 PSI. Tested OK. Job Ran 3890' of 4-1/2" O.D. casing and cemented at 3900' with 300 sx 4% gel Incon. Plug Case No. 1 3614 to 3665 100% rec w/8' bleeding 0.8% 1960. and after drilling plug with 800 PSI. Tested OK. Job complete 6:30 P.M., March 3, Spudded 11" hole 2:30 A.M., March 1, 1960. Ran 835' of 8-5/8" O.D. casing and cemented at 848' with 350 sx 4% gel and 200 sx regular. Plug at 845'. Tested before and after drilling plug with 800 PSI. Tested OK. Job complete 6:30 P.M., March 3, 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 pulling.

HISTORY OF OIL OR GAS WELL			
16-43094-2 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 PULLING.			
Spudded 11" hole 2:30 A.M., March 1, 1960. Ran 835' of 8-5/8" O.D. casing and cemented at 848' with 350 sx 4% gel and 200 sx regular. Plug at 845'. Tested before and after drilling plug with 800 PSI. Tested OK. Job complete 6:30 P.M., March 3, and after drilling plug with 800 PSI. Tested OK. Job complete 6:30 P.M., March 3, 1960.			
Case No. 1 3614 to 3665 100% rec w/8' bleeding 0.8% 1960.			
Ran 3890' of 4-1/2" O.D. casing and cemented at 3900' with 300 sx 4% gel Incon. Plug at 3879'. Tested before and after drilling plug with 1500 PSI. Tested OK. Job complete 12:30 P.M., March 16, 1960. 4-1/2" O.D. casing with 2 bullets per			
Frac with 15,000 gals refined oil and 30,000 lbs sand at 21.2 BPM. Job complete 10:30 A.M., March 18, 1960.			
Shut in 32 hrs. Recover lead oil and test. A.M., March 18, 1960.			
On 24 hr. PI test well pumped 70 B0 and 15 BW, GOR 151M, Gravity 33.6, Top of Pay 3377, Btm of Pay 3650'. NMCC Date March 13, 1960. TEXACO Inc. Date -- March 25, 1960.			
Comments on drilling: _____			
The number on this page is for the condition of the well at the time of completion.			
Date of completion: _____			
Complete the following information for each well, and attach to the log. If the well is not yet completed, give the information to the best of your knowledge, and indicate the date when the well was last worked. The information given should be checked against the well and all work done thereon so far as it has been completed. If the well is not yet completed, give the information to the best of your knowledge, and indicate the date when the well was last worked.			
LOCATE WELL CORRECTLY			
GEOLOGICAL SURVEY			
DEPARTMENT OF THE INTERIOR			
UNITED STATES			