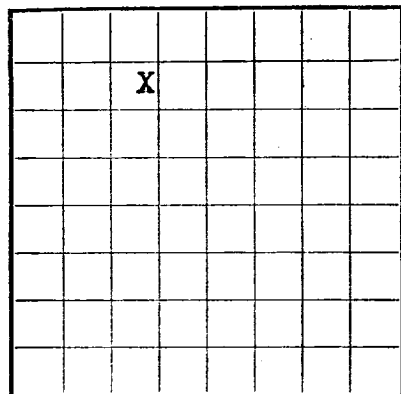


This well is in the Cotton Draw Unit

Bureau No. 42-R355.4
Expires 12-31-60.

Form 9-330

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 352, Midland, Texas**
Lessor or Tract **Cotton Draw Unit** Field **Undesignated** State **New Mexico**
Well No. **16** Sec. **22** T25-S R. 32-E Meridian **NMPM** County **Lea**

Location **510 ft. [XX] of N. Line and 1830 ft. [XX] of W. Line of Section 22** Elevation **3412 (GR)**
(Derrick floor relative to 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.

Date **March 6, 1961** Signed **M. B. Holland** Title **Assistant District Superintendent**

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

Commenced drilling **February 17, 1961** Finished drilling **February 23, 1961**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **4690'** to **4696'** No. 4, from _____ to _____

No. 2, from **4699'** to **4705'** No. 5, from _____ to _____

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

Drilled with rotary **2 7/8" and 3 1/2" bits** and **whirls** tested.

No. 1, from _____ to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

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-R	H-40	317'	Howco	None	None	None	Surface
2 7/8"	14.70	8-R	J-55	4762'	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"	330'	250	Howco		
2 7/8"	4762'	200	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 _____ feet to **4763** feet, and from _____ feet to _____ feet

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

DATES

March 6, 1961, 19 _____ Put to producing **March 1, 1961**

The production for the first 24 hours was **331** barrels of fluid of which **64** % was oil; _____ %

emulsion **36** % water; and _____ % sediment. Gravity, °Bé. **41**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Tom Helms, Driller **M. B. Holland**, Driller

B. E. Thomas, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	80	80	Caliche
80	770	690	Redbed
770	1157	387	Anhy
1157	1812	655	Salt
1812	4402	2590	Anhy & Salt
4402	4656	254	Line
4656	4763	107	Delaware Sand
Total Depth	4763		
PBTD	4751		

All measurements from Rotary Table
or 8' above ground level

Estimate No. **5366**

4 - USGS

1 - NMOCC

1 - Mrs. Rhea

1 - Division

Formation Tops
Anhy - 770'
T. Salt - 1157'
B. Salt - 4402'
Delaware Sand - 4656'

ILLEGIBLE

(OVER)

FORMATION RECORD—CONTINUED

BASED ON PERMIT TO PRODUCE
SERIAL NUMBER 15-002300
U.S. MAR. 1964-01-1002

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WALLACE

ILLEGIBLE

On 16 hr. it well swayed 141 BO and 80 BM ending 7:00 A.M., March 1, 1961.
GOR - TSM
GRAVITY - 4690
Top of pay - 4690
Btm of pay - 4700
USGS Date - February 23, 1961
TEXACO Inc. Date - March 1, 1961

W. L. ...
SS ...
He has now said he does not want to work for us.

MAR 1 1961

Ran 4750 lbs. 2 7/8" O.D. tubing (casing) and cemented at 4762, with 200
 sx. intervals. Plug at 4751. Tested before and after drilling plug
 for 30 minutes with 1500 psi. Tested ok. and complete 10:42 A.M.,
 February 27, 1961.

Spudded 9 7/8 hole 7:30 P.M. February 17, 1961. Ran 317' of 7 5/8" O.D. casing and cemented at 330' with 5000 lbs. incor. Plug at 305'. Cement circulated. Tested before and after drilling plug for 30 minutes with 1000 PSI. Tested o.k. Job complete 5:00 A.M. February 19, 1961. No. 3 from

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 in the casing size, tool joint, and any casing was "backchecked" 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 pipes or pieces were pulled to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

FROM		TO		TOTAL FEET		FORMATION	
1 - 1st		1 - 1st		101		3321	
1 - 2nd		1 - 2nd		101		3321	
1 - 3rd		1 - 3rd		101		3321	
1 - 4th		1 - 4th		101		3321	
1 - 5th		1 - 5th		101		3321	
1 - 6th		1 - 6th		101		3321	
1 - 7th		1 - 7th		101		3321	
1 - 8th		1 - 8th		101		3321	
1 - 9th		1 - 9th		101		3321	
1 - 10th		1 - 10th		101		3321	
1 - 11th		1 - 11th		101		3321	
1 - 12th		1 - 12th		101		3321	
1 - 13th		1 - 13th		101		3321	
1 - 14th		1 - 14th		101		3321	
1 - 15th		1 - 15th		101		3321	
1 - 16th		1 - 16th		101		3321	
1 - 17th		1 - 17th		101		3321	
1 - 18th		1 - 18th		101		3321	
1 - 19th		1 - 19th		101		3321	
1 - 20th		1 - 20th		101		3321	
1 - 21st		1 - 21st		101		3321	
1 - 22nd		1 - 22nd		101		3321	
1 - 23rd		1 - 23rd		101		3321	
1 - 24th		1 - 24th		101		3321	
1 - 25th		1 - 25th		101		3321	
1 - 26th		1 - 26th		101		3321	
1 - 27th		1 - 27th		101		3321	
1 - 28th		1 - 28th		101		3321	
1 - 29th		1 - 29th		101		3321	
1 - 30th		1 - 30th		101		3321	
1 - 31st		1 - 31st		101		3321	
1 - 32nd		1 - 32nd		101		3321	
1 - 33rd		1 - 33rd		101		3321	
1 - 34th		1 - 34th		101		3321	
1 - 35th		1 - 35th		101		3321	
1 - 36th		1 - 36th		101		3321	
1 - 37th		1 - 37th		101		3321	
1 - 38th		1 - 38th		101		3321	
1 - 39th		1 - 39th		101		3321	
1 - 40th		1 - 40th		101		3321	
1 - 41st		1 - 41st		101		3321	
1 - 42nd		1 - 42nd		101		3321	
1 - 43rd		1 - 43rd		101		3321	
1 - 44th		1 - 44th		101		3321	
1 - 45th		1 - 45th		101		3321	
1 - 46th		1 - 46th		101		3321	
1 - 47th		1 - 47th		101		3321	
1 - 48th		1 - 48th		101		3321	
1 - 49th		1 - 49th		101		3321	
1 - 50th		1 - 50th		101		3321	
1 - 51st		1 - 51st		101		3321	
1 - 52nd		1 - 52nd		101		3321	
1 - 53rd		1 - 53rd		101		3321	
1 - 54th		1 - 54th		101		3321	
1 - 55th		1 - 55th		101		3321	
1 - 56th		1 - 56th		101		3321	
1 - 57th		1 - 57th		101		3321	
1 - 58th		1 - 58th		101		3321	
1 - 59th		1 - 59th		101		3321	
1 - 60th		1 - 60th		101		3321	
1 - 61st		1 - 61st		101		3321	
1 - 62nd		1 - 62nd		101		3321	
1 - 63rd		1 - 63rd		101		3321	
1 - 64th		1 - 64th		101		3321	
1 - 65th		1 - 65th		101		3321	
1 - 66th		1 - 66th		101		3321	
1 - 67th		1 - 67th		101		3321	
1 - 68th		1 - 68th		101		3321	
1 - 69th		1 - 69th		101		3321	
1 - 70th		1 - 70th		101		3321	
1 - 71st		1 - 71st		101		3321	
1 - 72nd		1 - 72nd		101		3321	
1 - 73rd		1 - 73rd		101		3321	
1 - 74th		1 - 74th		101		3321	
1 - 75th		1 - 75th		101		3321	
1 - 76th		1 - 76th		101		3321	
1 - 77th		1 - 77th		101		3321	
1 - 78th		1 - 78th		101		3321	
1 - 79th		1 - 79th		101		3321	
1 - 80th		1 - 80th		101		3321	
1 - 81st		1 - 81st		101		3321	
1 - 82nd		1 - 82nd		101		3321	
1 - 83rd		1 - 83rd		101		3321	
1 - 84th		1 - 84th		101		3321	
1 - 85th		1 - 85th		101		3321	
1 - 86th		1 - 86th		101		3321	
1 - 87th		1 - 87th		101		3321	
1 - 88th		1 - 88th		101		3321	
1 - 89th		1 - 89th		101		3321	
1 - 90th		1 - 90th		101		3321	
1 - 91st		1 - 91st		101		3321	
1 - 92nd		1 - 92nd		101		3321	
1 - 93rd		1 - 93rd		101		3321	
1 - 94th		1 - 94th		101		3321	
1 - 95th		1 - 95th		101		3321	
1 - 96th		1 - 96th		101		3321	
1 - 97th		1 - 97th		101		3321	
1 - 98th		1 - 98th		101		3321	
1 - 99th		1 - 99th		101		3321	
1 - 100th		1 - 100th		101		3321	

FORMATION RECORD—Continued