

[illegible]

ILLEGIBLE

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER NM 016789
LEASE OR PERMIT TO PROSPECT -----

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY

Company TEXACO Inc. Address P. O. Box 352, Midland, Texas
Lessor or Tract 163716, U. S. A. Federal Field Culwin State New Mexico
Well No. 1 Sec. 6 T19-S R. 31-E Meridian NMPM County Eddy
Location 330 ft. 100 ft. of N Line and 1650 ft. of E Line of Section 6 Elevation 3528 (DF).
(Derick 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]
Title Asst. Dist. Superintendent

Date January 22, 1960

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

Commenced drilling November 13, 1959 Finished drilling November 25, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G.)

No. 1, from 3337'	to 3313'	No. 4, from 3175'	to 3184'
No. 2, from 3267'	to 3285'	No. 5, from 2996'	to 2610'
No. 3, from 3150'	to 3168'	No. 6, from 2666'	to 2707'

200 ft. below 2600' and no water sands tested.

from 3150' to 3160' No. 6, from 3150' to 3160'

Drilled with Rotary Tools and no water sands tested.

IMPORTANT WATER SANDS

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Performed		Purpose
							From	To	
8 5/8"	24.00	8R	J-55	590	Baker	None	None	None	Surface
5 1/2"	14.00	8R	J-55	590	Baker	None	None	None	Surface

8 5/8" 24.00 8R J-55 590 Baker None None None Surface

5 1/2" 14.00 8R J-55 590 Baker None None None Surface

HISTORY OF OIL OR GAS WELL

10-10000 10-10000 10-10000 10-10000

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	600'	400	Howco		
5 1/2"	3495'	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

TOOLS USED

Rotary tools were used from 0 feet to 3495 feet, and from _____ feet to _____ feet

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

See Reverse side for test on each zone

DATES See Reverse side for test on each zone

January 22, 1960 Put to producing January 20, 1960

The production for the first 24 hours was 55 barrels of fluid of which 55 % was oil; ----- % emulsion; 45 % water; and ----- % sediment. Gravity, °Bé. 33.8

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

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

EMPLOYEES

C. F. Keel	Driller	T. E. Bingham	Driller
" " [illegible]	Driller		Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0	95	95	Caliche
95	337	242	RedBed
337	605	268	RedRock
605	1039	434	Anhy, Gyp, and Salt
1039	1995*	956	Anhy and Salt
1995	2737	742	Anhy and Gyp
2737	3495	758	Line
Total Depth		3495	
PSTD		3288	

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

Estimate No. 5008

4 - U.S.G.S.
1 - NMOC
1 - Field
1 - Division
1 - File

Tops

Anky	-	5250
Top Salt	-	7200
Btm Salt	-	19950
Yates	-	22200
Queen	-	31160
Penrose	-	33650

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 balling.

Spudded 12 1/4" hole 1:00 A.M., November 13, 1959. Ran 590' of 8 5/8" O.D. casing and cemented at 600' with 400 ex. Plug at 570'. Tested with 1000 PSI for 30 minutes before and after drilling plug. Tested o.k.

Cone No. 1, from 3085' to 3135', 100% recovery, core bit jammed.

Cone No. 2, from 3136' to 3187', recovered 16" sand, 31' sandy dolomite. Ran 318 1/2" of 5 1/2" O.D. casing and cemented at 3185' with 200 ex. Plug at 3147'.

Tested with 1500 PSI for 30 minutes before and after drilling plug. Tested o.k.

Job complete 12:30 PM November 27, 1959. Had sand log November 28, 1959. Perforate 3185'. Acidize with 500 gals. 15% acid followed with 10,000 gals. refined oil and 20,000 lbs sand at 11.6 BPM. Job complete 12:35 P.M. 11-30-59. Swab well. BRID

3288'. Set HP at 3290' with 10 gals. Hydromat plug on top. Perforate 5 1/2" O.D. with 500 gals. mud acid, followed with 20,000 gals refined oil and 40,000 lbs. sand at 20 BPM. Job complete 10:10 A.M. 12-8-59. Swab well. Perforate 5 1/2" Acidize with 500 gals. regular 15% acid followed with 20,000 gals. refined oil and 30,000 lbs. sand at 12.5 BPM. Complete 10:26 A.M. 12-20-59. Swab well, recover lead oil, and test. Queen zone, ran 3140' of 2 1/16" tubing and set at 3150'. On 24 hr. PT well pumped 30 30 and 25 gal ending 7:30 A.M. January 22, 1960. OOR 157M. Quantity 33.8, top of pay 3150', slip of pay 3184', NMOC Date November 25, 1959. TEXADO Inc. Date January 22, 1960. Queen zone from 3150' to 3168', and 3175' up 3184'. Rates zone abandoned February 5, 1960.

U. S. GOVERNMENT PRINTING OFFICE

[illegible]