

NOTED

AUG 12 1960

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 033706 (b)
LEASE OR PERMIT TO PROSPECT _____

STANDLEY
UNITED STATES

DEPARTMENT OF THE INTERIOR AUG 12 1960

GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
BOHNS, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **TEXACO Inc.** Address **P. O. Box 352, Midland, Texas**
 Lessor or Tract **C. P. Falby (B)** Field **Penrose-Skelly (oil)** State **New Mexico**
 Well No. **3** Sec. **8** T. **22-S** R. **37-E** Meridian **NMPM** Eumont (oil) County **Lea**
 Location **660** ft. **N** of **S** Line and **660** ft. **E** of **W** Line of **Section 8** Elevation **3415**
(Specify 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.

Date August 8, 1960 Signed [Signature] Title Assistant District Supt.

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

Commenced drilling April 14, 1960 Finished drilling April 28, 1960

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

No. 1, from _____ to _____ 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. 2, from _____ to _____

No. 3, 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	8R	H-40	319	Howco	None	None	None	Surface
4-1/2"	9.50	8R	J-55	3789	Howco	None	See above	None	Production
HISTOLOGY OF OIL ON CY2 AND T									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8"	329'	200	Howco		
4-1/2"	3799'	400	Howco		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 3800 feet, and from _____ feet to _____ feet.

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

DATES

August 9 1960 Put to producing May 19 1960

The production for the first 24 hours was 216 barrels of fluid of which 100 % was oil; - - % emulsion; - - % water; and - - % sediment. **Eumont Oil (Zoned)** Gravity, °Bé. 33.5

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

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

EMPLOYEES

L. L. Fraley, Driller B. G. Campbell, Driller

Roy Solmon _____, Driller _____, Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0	109	109	Formation
109	330	221	Red Rock and Red Bed
330	1190—	860	Red Bed
1190	2489	1299	Anhy & Salt
2489	3053	564	Anhy & Gyp
3053	3800	747	Line
Total Depth -	3800		
FRTD	3795		

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

Estimate 5209

1 - USGS
1 - State
1 - Division
1 - Field
1 - File

Anhy	1068
Top Salt	1260
Btm Salt	2440
Yates	2597
Queen	3375
Penrose	3469
Grayburg	3646

[illegible]

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. Spudded 9-7/8" hole 5:00 P.M. April 14, 1960. Ran 319' of 7-5/8" O.D. casing and cemented at 329' with 200 SX regular cement. Cement circulated. Tested before and after drilling plug with 600 PSI for 30 minutes. Tested OK. Job complete 4:00 P.M. April 15, 1960.

OK. Job complete 11:00 P.M. April 30, 1960.

Regular. Tested before and after drilling plug with 1700 PSI for 30 minutes. Tested

Ran 3789, at 4-1/2" O.D. casing and cemented at 3799, with 300 sx 1/2 gal and 100 sx

Core No. 1 - 3445, Rec. 58, 100%, scat OGD bleed thruout, April 24, 1960.

Core No. 2 - 3504, Rec. 59, 100%, scat OGD bleed thruout, April 25, 1960.

Core No. 3 - 3564, Rec. 59, 100%, scat OGD bleed thruout, April 26, 1960.

Core No. 4 - 3622, Rec. 59, 100%, scat OGD bleed thruout, April 27, 1960.

Core No. 5 - 3682, Rec. 53, 100%, scat OGD bleed thruout, April 28, 1960.

Perforate 4-1/2" O.D. casing with 2 jet shots per ft 3681, to 3892, 3698, to 3710, 3716, to 3737, 3750, to 3762, and 3782, to 3795. (Penrose-Skelly) Acidize with 1000 gals regular 15% acid, tag with 15,000 gals refined oil and 22,500 lbs sand in 3 stages with 200 lb. gel bloc between stages at 26 BPM. Run 3789, of 2-3/8" O.D. casing and set at 3794, and test Penrose-Skelly zone.

Limestone Zone Test: On 8 Hr PT well flowed 72 BO and no net thru 20/64 choke ending 7:00
 5:30 PM, May 19, 1960. GOR - 5005, Gravity - 33.5, Top of Pay - 3468', Btm of Pay - 3567',
 NMOC date - 7-28-60. TEXACO Inc. date - 5-19-60.
 LOCATE WELL CORRECTLY
 Chinese Shelly Test: On 24 Hr PT well flowed 34 BO and 66 Hr ended 1:00 PM, August
 1960. GOR - 2617, Gravity - 37, Top of Pay - 3604', Btm of Pay - 3692', NMOC date -
 7-28-60. TEXACO Inc. date - August 8, 1960.