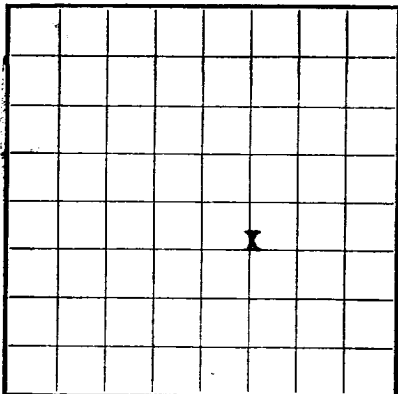


Form 9-330

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 Grove Unit Field Undesignated State New Mexico
Well No. 14 Sec. 15 T. 25 S. R. 32 E Meridian NMP County Lea
Location 2130 ft. N. of S Line and 2130 ft. W. of E Line of Section 15 Elevation 2440 (D.F.)
(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 _____ Title Assistant District Superintendent
Date May 3, 1961

The summary on this page is for the condition of the well at above date.
Commenced drilling April 11, 1961 Finished drilling April 21, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4698' to 4708' 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. 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	Run and pulled from	Perforated		Purpose
							From—	To—	
7 5/8"	24.00	8.0	Howco	300'	Howco	4698'	4698'	4708'	Production
4 1/2"	9.25	8.0	Howco	200'	Howco	4708'	4708'	4756'	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7 5/8"	332'	250	Howco		
4 1/2"	4778'	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 0 feet to 4780 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

May 3, 1961 Put to producing May 2, 1961
The production for the first 24 hours was 88 barrels of fluid of which 89 % was oil; _____ %
emulsion; 11 % water; and _____ % sediment. Gravity, °Bé. 41.6
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

B. M. Slaughter, Driller L. G. Edwards, Driller
Marvin Alexander, Jr., Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	96	96	Caliche
96	780	684	Redbed
780	1165	385	Anhy
1165	1868	703	Top of Salt
1868	4430	2562	Anhy & Salt
4430	4676	246	Line and Sand
4676	4780	104	Delaware Sand
Total Depth	4780		
PBTD	4756		
All Measurements From Rotary Table of 8' Above Ground Level.			
Estimate No. 5196			Formation Tops
4 - USGS			Top Anhy 780'
1 - NMCC			T Salt 1165'
1 - Mrs. Rhea			B Salt 4430'
1 - Pauley Pet.			Delaware Sand 4676'
1 - Division			
1 - Field			
1 - File			

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible]

Y CORRECTION

On 12 hr. 17 Well snubbed 39 BO and 5 BW ending 6:00 A.M. May 3, 1961.

to _____ from _____
Han Electric Logs April 27, 1961.
(Denote gas pg G)

before and after drilling plus for 30 minutes with 600 PSI. Tested O.K. Job
complete 9:30 A.M. April 16, 1961.

DATE	TIME	LOCATION	REMARKS
10/10/54	10:00	1000 Yards	1st shot
10/10/54	10:05	1000 Yards	2nd shot
10/10/54	10:10	1000 Yards	3rd shot
10/10/54	10:15	1000 Yards	4th shot
10/10/54	10:20	1000 Yards	5th shot
10/10/54	10:25	1000 Yards	6th shot
10/10/54	10:30	1000 Yards	7th shot
10/10/54	10:35	1000 Yards	8th shot
10/10/54	10:40	1000 Yards	9th shot
10/10/54	10:45	1000 Yards	10th shot
10/10/54	10:50	1000 Yards	11th shot
10/10/54	10:55	1000 Yards	12th shot
10/10/54	11:00	1000 Yards	13th shot
10/10/54	11:05	1000 Yards	14th shot
10/10/54	11:10	1000 Yards	15th shot
10/10/54	11:15	1000 Yards	16th shot
10/10/54	11:20	1000 Yards	17th shot
10/10/54	11:25	1000 Yards	18th shot
10/10/54	11:30	1000 Yards	19th shot
10/10/54	11:35	1000 Yards	20th shot
10/10/54	11:40	1000 Yards	21st shot
10/10/54	11:45	1000 Yards	22nd shot
10/10/54	11:50	1000 Yards	23rd shot
10/10/54	11:55	1000 Yards	24th shot
10/10/54	12:00	1000 Yards	25th shot
10/10/54	12:05	1000 Yards	26th shot
10/10/54	12:10	1000 Yards	27th shot
10/10/54	12:15	1000 Yards	28th shot
10/10/54	12:20	1000 Yards	29th shot
10/10/54	12:25	1000 Yards	30th shot
10/10/54	12:30	1000 Yards	31st shot
10/10/54	12:35	1000 Yards	32nd shot
10/10/54	12:40	1000 Yards	33rd shot
10/10/54	12:45	1000 Yards	34th shot
10/10/54	12:50	1000 Yards	35th shot
10/10/54	12:55	1000 Yards	36th shot
10/10/54	1:00	1000 Yards	37th shot
10/10/54	1:05	1000 Yards	38th shot
10/10/54	1:10	1000 Yards	39th shot
10/10/54	1:15	1000 Yards	40th shot
10/10/54	1:20	1000 Yards	41st shot
10/10/54	1:25	1000 Yards	42nd shot
10/10/54	1:30	1000 Yards	43rd shot
10/10/54	1:35	1000 Yards	44th shot
10/10/54	1:40	1000 Yards	45th shot
10/10/54	1:45	1000 Yards	46th shot
10/10/54	1:50	1000 Yards	47th shot
10/10/54	1:55	1000 Yards	48th shot
10/10/54	2:00	1000 Yards	49th shot
10/10/54	2:05	1000 Yards	50th shot
10/10/54	2:10	1000 Yards	51st shot
10/10/54	2:15	1000 Yards	52nd shot
10/10/54	2:20	1000 Yards	53rd shot
10/10/54	2:25	1000 Yards	54th shot
10/10/54	2:30	1000 Yards	55th shot
10/10/54	2:35	1000 Yards	56th shot
10/10/54	2:40	1000 Yards	57th shot
10/10/54	2:45	1000 Yards	58th shot
10/10/54	2:50	1000 Yards	59th shot
10/10/54	2:55	1000 Yards	60th shot
10/10/54	3:00	1000 Yards	61st shot
10/10/54	3:05	1000 Yards	62nd shot
10/10/54	3:10	1000 Yards	63rd shot
10/10/54	3:15	1000 Yards	64th shot
10/10/54	3:20	1000 Yards	65th shot
10/10/54	3:25	1000 Yards	66th shot
10/10/54	3:30	1000 Yards	67th shot
10/10/54	3:35	1000 Yards	68th shot
10/10/54	3:40	1000 Yards	69th shot
10/10/54	3:45	1000 Yards	70th shot
10/10/54	3:50	1000 Yards	71st shot
10/10/54	3:55	1000 Yards	72nd shot
10/10/54	4:00	1000 Yards	73rd shot
10/10/54	4:05	1000 Yards	74th shot
10/10/54	4:10	1000 Yards	75th shot
10/10/54	4:15	1000 Yards	76th shot

10-45004-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

16-38094-2 U.S. GOVERNMENT PRINTING OFFICE

NRAM : 0-10

SECRET-NOFORN

How to find the right dog

SHOOTING RECORD

[illegible]

PREFACE

Page 10 of 10

[illegible][illegible][illegible]

EMPLOYER

1. E. Zimmerman	2. Diller	3. J. E. Diller	4. J. E. Diller
-----------------	-----------	-----------------	-----------------

NAME: <u>Alvin Karpis</u>	DATE: <u>10/10/36</u>	BY: <u>Boyer</u>
FORMATION RECORD		

FORMATION RECORD

10-50000-8