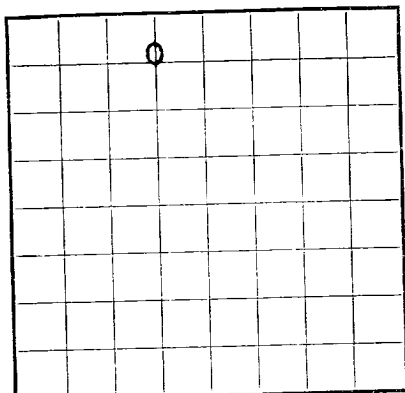


U. S. LAND OFFICE Roswell
SERIAL NUMBER LC-06979
LEASE OR PERMIT TO PROSPECT C



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Ambassador Oil Corporation Address 3101 Minthrop - Fort Worth, Tex.
Lessor or Tract _____ Field East Elk Queen State New Mexico
Well No. 1 Sec. 27 T. 18S R. 34E Meridian _____ County Lea
Location 330 ft. N. of N. Line and 1980 ft. E. of W. Line of Sec. 27 Elevation 4000 KB.
(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 E. W. Riskey

Date _____ Title Prod. Supt.

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

Commenced drilling October 2, 1960 Finished drilling October 13 1960

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

No. 1, from 4587 to 4597' No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

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	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>8-5/8</u>	<u>28.5</u>	<u>8Bd.</u>		<u>452</u>	<u>Howco</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>452</u>	<u>200 w/2% CACL</u>	<u>Circ.</u>		

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 4627 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____%
emulsion; 100% water; and _____% sediment. Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. FSIP-1407#

EMPLOYEES

Carl Dawes, Driller _____ Size, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	150	150	Surface rock and caliche
150	410	260	Red and gray sand
410	730	320	Red shale and sand
730	800	70	Red sand
800	1120	320	Red shale and sand
1120	1780	660	Sand with hard streaks
1780			Top of anhydrite by drilling time
1780	2000	220	Anhydrite with streaks of salt
2000	3100	1100	Salt with streaks of anhydrite
3120			Base of salt by drilling time
3120	3300	180	Red shale with streaks of anhydrite
3300			Top of Yates by drilling time and samp.
3300	3330	30	Anhydrite & red shale & fine red sand with frosted quartz grains.
3330	3500	170	Red shale with streaks of anhydrite
3500	3790	290	Anhydrite and red shale.
3790	3850	60	Red shale
3850	3950	100	Red shale with streaks anhydrite & dol
3950	4150	200	Dolo. & anhydrite with streaks of red s
4150	4180	30	Red shale
4180	4400	220	Dolomite and anhydrite w/red shale str
4400	4500	100	Dolomite and anhydrite streaks
4500	4550	50	Dolomite and anhydrite.
4550	4567	17	Red sand.
4550			Top Queen sand by drilling time & samp
			(Continued over)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
4567	4617	50	Core #1: Recovered 43' red and gray sand, 7' of dolomite; 10' of gray sand from 4587-97' with odor, slight stain and mottled fluorescence. Can core-gamma surface log on 50' core.
4587	4627	10	Top Queen sand porosity from core (field pay)
4617	4627	10	Drilled - hard gray dolomite
4573	4627	54	DST, open 1 hour, fair blow - diminishing recovered 1000' slightly mud cut salt water, NS. 30 minute ISIP 1521#, 30 minute ESIP 1407#, BP 105-1507

HISTORY OF OIL OR GAS WELL

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.