

Form 9-390

U. S. LAND OFFICE **Roswell**
SERIAL NUMBER **032233**
LEASE OR PERMIT TO PROSPECT
B. A. Bowers

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Humble Oil & Refining Co.** Address **Box 2180, Houston, Texas**
Lessor or Tract **Federal Bowers** Field **Bowers** State **New Mexico**
Well No. **A-012** Sec. **29** T. **18S** R. **30E** Meridian _____ County **Lea**
Location **1980** ft. {N.} of **8** Line and **640** ft. {E.} of **W** Line of **Sec. 29** Elevation **3494**
(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 _____ Assistant
Title **Division Superintendent**

Date **APRIL 30, 1947**

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

Commenced drilling **April 3, 1947** Finished drilling **April 18, 1947**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3171** to **3183** 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 **None** 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—	
8 5/8"	52.	8-R	Smith	221.52	Hall				
5 1/2"	14.	8-R	Hall.	3132.43	Hall				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	235.52	100	Hall.		
5 1/2"	3144.43	675	Hall		

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

Completed Natural

TOOLS USED

Rotary tools were used from **0** feet to **3183** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

April 29, 1947, 19____ Put to producing **April 21, 1947**, 19____
The production for the first 24 hours was **440** barrels of fluid of which **110** % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **41.8**

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

Rock pressure, lbs. per sq. in. **Tabing Pressure 200#, Casing Pressure 470#**

EMPLOYEES

Black, Driller **Ma441erton**, Driller
R. R. Fraysher, Driller _____, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	200		Caliche
200	240		Red Sand Rock
240	1210		Red Bed
1210	1435		Red Rock
1435	1514		Red Rock, Shell
1514	1570		Red Rock
1570	1804		Red Rock & Salt
1804	1880		Anky & Salt
1880	2045		Salt & Gyp.
2045	2250		Red Rock Salt Gyp.
2250	2547		Salt & Anky.
2547	2603		Anky.
2603	2696		Salt & Anky.
2696	3156		Anky & lime
3156	3183		Anky. Sand