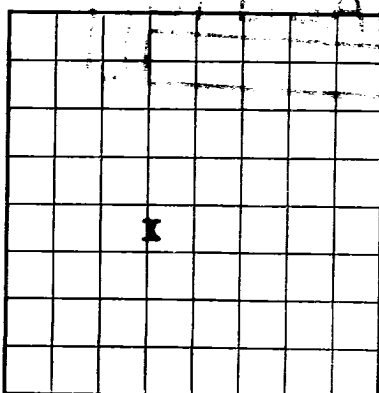




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Roswell,**
SERIAL NUMBER **31029**
LEASE OR PERMIT TO PROSPECT **053A**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
HOBBS OFFICE

LOG OF OIL OR GAS WELL

Company **Humble Oil & Ref. Co.** Address **Box 2180 Houston, Texas**
Lessor or Tract **Federal Bowers** Field **Bowers** State **New Mexico**
Well No. **A 13** Sec. **30** T18S R.32E Meridian County **Lea**
Location **1980** ft. of **N.** Line and **1980** ft. of **W.** Line of **Sec. 30** Elevation **3657**
(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.

Date **September 2, 1947**Signed **[Signature]**
Title **Assistant Division Supt.**

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

Commenced drilling **July 2**, 19**47** Finished drilling **July 12**, 19**47**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3179** to **3189** 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—	
8 1/2	132	8	Long	226.44					
5 1/2	114	8	Long	427.82					
5 1/2	114	8	Long	500.40					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	238	125 Long var			
5 1/2	3148	1380 OK Reg.			

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 **3189** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

July 2, 19**47** Put to producing _____, 19____
The production for the first 24 hours was **326.4** barrels of fluid of which **10** % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **41.4**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **3750** to **5000**

EMPLOYEES

C. L. Hall, Driller **E. Ivey**, Driller
J. D. Kendrick, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	90	90	Surface
90	244	154	Red Bed, blachie
244	1045	801	Red Bed, Blue shale
1045	1420	375	Red Bed, shells, Blue shale
1420	1796	376	Red Bed, shells, salt
1796	2498	702	alt, shells
2498	2613	115	alt, shells, Anhy.,
2613	2702	89	Anhy., alt streaks
2702	2786	84	Anhy., alt streaks, Gyp., lime streak
2786	2856	70	Anhy., alt streaks, Gyp.
2856	3094	238	Anhy., Gyp.
3094	3150	56	Anhy., Gyp., Lime streak
3102	3150	48	Cement, plug float, hoe
3150	3165	15	Anhy., Lime streak
3165	3189	24	Lime, and

Log by **3179**

