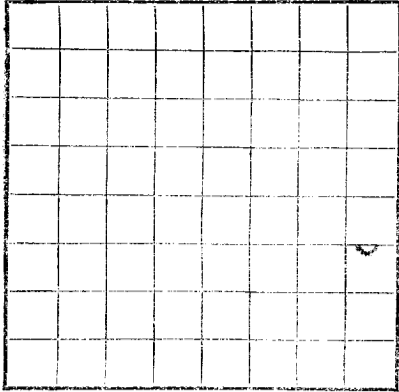


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 060 881
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company James G. Brown & Associates Address Box 1625, Midland, Texas
Lessor or Tract Federal Field Pearl Queen State New Mexico
Well No. 2 Sec. 4 T. 20S R. 35E Meridian N.M.P.M. County Lea
Location 1980 ft. N. of 2 Line and 660 ft. E. of 1 Line of Sec. 4 Elevation 3692
(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 Alman

Date November 11, 1960 Title Production superintendent

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

Commenced drilling October 9, 19 60 Finished drilling October 30, 19 60

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4840 to 4845 No. 4, from _____ to _____
No. 2, from 4936 to 4941 No. 5, from _____ to _____
No. 3, from 4948 to 4953 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—	
8-5/8"	24	8	Yagata	340	Guide	-	-	-	Surface
5-1/2"	15.5	8	"	5027	GS&FC	-	4936	4941	Oil
							4948	4953	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	340	175	P&P		
5-1/2"	5027	300*	P&P	9#/gal.	hole full

* 100 sack at shoe; 100 sack at 1934.

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 5112 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing November 5, 19 60
The production for the first 24 hours was 51 barrels of fluid of which 99.8% was oil; _____% emulsion; _____% water; and 0.2% sediment. Gravity, °Bé. 36.2
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	258	258	Surface sands and gravels
258	1015	757	Redbeds and anhydrite
1015	1885	870	Anhydrite and dolomite
1885	3414	1529	Anhydrite and salt
3414	4090	676	Dolomite, shale and sand
4090	5112 TD	1022	Lime, dolomite and sand
		3380	B/Salt
		3947	T/Yates
		4130	T/7 Rivers
		4730	T/Queen

Treated perforated interval w/1000 gals. 24 acid; BD pressure 1600 Psi; swabbed 1 BC/hr. Treated w/20,000 gals. refined oil and 31,000 lbs. sand down casing at 30 BPM injection rate; max. press. 3400 Psi; min. press. 2400 Psi; swabbed and flowed back load oil and produced new oil as above.

