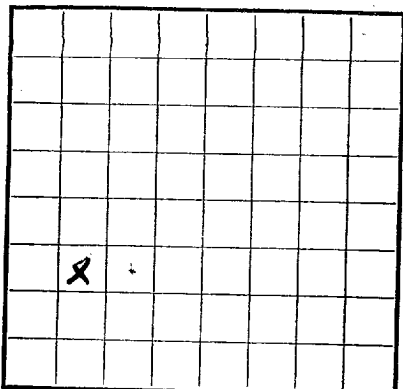


Form 9-330



LOCATE WELL CORRECTLY

NOTED
JAN 7 1962
STANLEYBudget Bureau No. 42-R355.4.
Approval expires 12-31-60.U. S. LAND OFFICE
SERIAL NUMBER **LC 060 881 A**
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **James G. Brown & Associates** Address **P. O. Box 1625, Midland, Texas**
Lessor or Tract **Federal "A"** Field **Pearl-Queen** State **New Mexico**
Well No. **8** Sec. **4** T. **20S** R. **35E** Meridian **NMPM** County **Lea**
Location **1650** ft. **N** of **S** Line and **990** ft. **E** of **W** Line of **Section 4** Elevation **3686**
(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

Date **January 3, 1962**Title **Production Superintendent**

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

Commenced drilling **November 18**, 19**61** Finished drilling **December 1**, 19**61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **4990** to **4994** No. 4, from _____ to _____
No. 2, from **4999** to **5003** 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—	
8-5/8	24	8	Winstan	207'	T.P.	Surface			Surface
5-1/2	15.5	8	Winstan	5042'	Float	4990-4994	4999	5003	Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	207	100 sacks	Pumping		Hole full
5-1/2	5042	155 sacks 1:1 Reg. Diamix w/8% gel and 50 sacks 1:1 Incor-Diamix 10% 10.1			Hole full

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

Treatments:

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
500 gals. mud acid in stages for 2-1/2 hrs. Max. press. 1500 psi. Swabbed load—small show O&G. 1000 gals 7-1/2% acid at 3200 psi at 6.6 BPM. Swabbed load & 4 B. new oil; less gas. 3000 gals/3000 # sandfrac @ 4900-4650 psi @ 7 BPM down tbg. Swabbed load oil and flowed 4-1/2 hrs. as shown below.						

Rotary tools were used from **0** feet to **5042** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing **December 18**, 19**61**

The production for the first 24 hours was **48** barrels of fluid of which **98**% was oil; _____% emulsion; **2**% water; and _____% sediment. Gravity, °Bé. **36**

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
Frac w/20,000 gals. refined oil & 48,000 # sand at 4000 psi max. @ 27 BPM down csg. Flowed back 160 BLO and swabbed 212 BLO and put well on pump.			
0	160	160	Surface sands & caliche
160	1410	1250	Redbeds & sand streaks
1410	1910	500	Redbeds & anhydrite
1910	2040	130	Anhydrite
2040	3470	1430	Salt & anhydrite streaks
3470	3940	470	Anhydrite & dolomite
3940	4168	378	Sand & Dolomite
4168	5042 T.D.	874	Lime & sands
SAMPLE LOG TOPS:			
			Anhydrite 1910
			Salt 1950
			Cowden 3260
			Seven Rivers 3960
			Queen 4748

(OVER)

FORMATION RECORD—Continued

18-48094-4

IOAFB:

16-42094-2 U. S. GOVERNMENT PRINTING OFFICE

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.