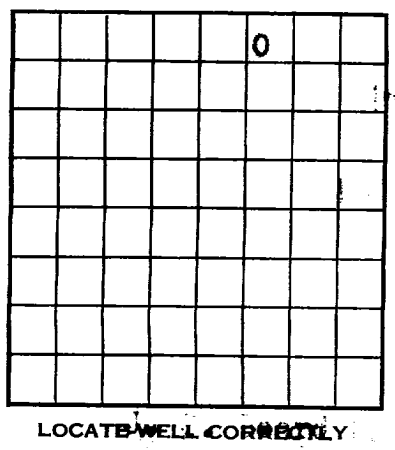
Form 9-330

Budget Bureau No. 42-R355.
Approval expires 11-30-46.

U. S. Land Office Sante Fe, New Me
Serial Number LC 061840-A
Lease or Permit to Prospect



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company John M. Beard Address 1300 N. Bdwy., Okla. City, Okl
Lessor or Tract Pearsall-Federal Field Pearsall State New Mexico
Well No. 1 Sec. 4 T. 18S R. 32E Meridian NMPM County Lea
Location 660 ft. {N./S.} of N Line and 1980 ft. {E./W.} of E Line of Sec.4,18S,32E Elevation 3877'G.L.
(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 John M. Beard
Date September 15, 1958 Title President

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

Commenced drilling 8-24, 19 58 Finished drilling 9-1, 19 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3680 to 3698 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 From—	Perforated To—	Purpose
7"	17#J-55	8 R	J & L	1118	Halliburton				Surface pipe
4½"	9.5#J-55	8 R	J & L	1748	Halliburton Seamless				Oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	1129	450	circulated to surface		
4½"	3766	100	plug and pump		

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
		Dyna-Jet	4 shots/ft	9-5-58	3680-92	3747'
					3694-98	

TOOLS USED

Rotary tools were used from 0 feet to 3760 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

September 15, 19 58 Put to producing September 15, 19 58

The production for the first 24 hours was 50 barrels of fluid of which 100% was oil; % emulsion; % 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

Ralph Richardson, Driller C. E. Couch, Driller
W. I. Trembley, Driller Harvey Williams, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	66	66	Caliche Sand
66	480	414	Red Bed
480	690	210	Red Bed & Shale
690	849	159	Red Bed & gyp.
849	910	61	Red Bed & gyp.
910	915	5	Red Bed & gyp.
915	1050	135	Red Bed & gyp.
1050	1092	42	Red Bed & Shale
1092	1130	38	Anhydrite & Shale
1130	1137	7	Anhydrite & Shale
1137	1350	213	Anhydrite & Shale with trace salt
1350	1445	95	Salt
1445	1980	535	Salt
1980	2418	438	Salt & Red Bed streaks
2418	2540	122	Anhydrite
2540	2860	320	Anhydrite w/streaks lime & shale
2860	2900	40	Anhydrite & streaked lime
2900	2905	5	Anhydrite
2905	3173	268	Anhydrite & Lime
3173	3350	177	Anhydrite & Lime streaks
3350	3579	229	Anhydrite & Lime
3579	3675	96	Anhydrite & Lime
3675	3679	4	Core #1
3679	3711	32	Core #1
3711	3741	30	Anhydrite & Lime
3741	3760	19	Anhydrite & Lime

(OVER)

16—43094-1

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

EMPLOYEES

Driller ..... Driller

Driller ..... Driller

TOOLS USED

Rotary tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

DATES

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

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

Rock pressure, lbs. per sq. in. .....

SHOOTING RECORD

Date	Depth shot	Depth cleaned out	Quantity	Shell used	Explosive used

PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material ..... Size .....

WELL RECORD

Size	Weight per foot	Number of sacks of cement	Method used	Mud fluid?	Amount of mud used

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number of sacks of cement	Method used	Mud fluid?	Amount of mud used

16—43004-1 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.