Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 012509
LEASE OR PERMIT TO PROSPECT

RECEIVED
MAR 2 1960
OIL CON. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Albert C. Bruce, Jr. Address 203 Central Bldg., Midland, Texas

Lessor or Tract Richardson Field Verde Gallup State New Mexico

Well No. 1 Sec. 4 T. 30N R. 14W Meridian N.M.P.M. County San Juan

Location 370 ft. {N./S.} of N Line and 1830 ft. {E./W.} of W Line of Sec. 4 Elevation 5586
(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 [illegible]

Date [illegible] Title

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

Commenced drilling August 30, 1959 Finished drilling October 27, 1959

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 5050 to 5111 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
8 5/8	28#	8R	Spang	116.49	Baker				
5 1/2	15.50	8R	Spang	5040	Baker				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	118.49G	125 sks. reg. neat	Pump truck		
5 1/2	5040	200 sks. reg. neat	Pump truck		

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 5040 feet, and from feet to feet

Cable tools were used from 5040 feet to 5123 feet, and from feet to feet

DATES

, 19 Put to producing , 19

The production for the first 24 hours was 24.25 barrels of fluid of which 100 % was oil; no % emulsion; no % water; and no % sediment. Gravity, °Bé. 41.2

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Roy Wodley, Driller E. G. Tadlock, Driller

L. M. Hewthcock, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	135	135	surface rock
135	200		
200	580	65	sand stone
580	745	80	shale
745	990	65	shale & sand stone
990	1075	245	shale
1075	2105	95	sand stone
2105	2550	1030	shale
2550	3830	445	sandy shale
3830	4800	1280	sand stone w/streaks of shale
4800	4900	970	dark silty shale
4900	4960	100	shaly silt
4960	5010	60	limey shale
5010	5055	50	dark shale
5055	5120	45	limey shale
5120	5143	65	limey & silty shale w/streaks of sand stone
		23	friable sand stone & dark limey shale.

FOLD MARK

(OVER)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

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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.

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