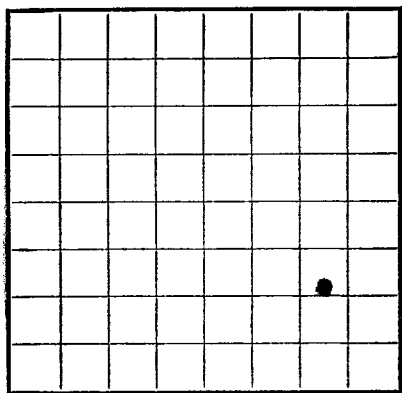




LOCATE WELL CORRECTLY

Santa Fe
U. S. LAND OFFICE
SERIAL NUMBER 087657
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
AUG 27 1960
U. S. GEOLOGICAL SURVEY
WASHINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Ray Smith, Trustee Address Simons Building, Dallas 1, Texas
Lessor or Tract Federal Field Wildcat State New Mexico
Well No. 1 Sec. 13 T. 24N R. 3W Meridian NPM County San Juan
Location 1650 ft. N of S Line and 710 ft. E of E Line of Sec. Elevation 7061
(Herrick foot 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 O. J. Lilly
Date August 20, 1960 Title Agent

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

Commenced drilling July 28, 1960 Finished drilling August 12, 1960

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from None to _____ No. 4, from _____
No. 2, from _____ to _____ No. 5, from _____
No. 3, from _____ to _____ No. 6, from _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____
No. 2, from _____ to _____ No. 4, from _____

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	20#	3-8	Int'l	160'	Texas				
PHILOGA CO. OIL CO. GAS MGMT.									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	160	125 2# ACL	Halliburton	9.6	

PLUGS AND ADAPTERS

Heaving plug—Material See below 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 _____ feet to 5950 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

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

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Forre Drilling Company, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1675	1675	Sand & shale
1675	2274	599	Sand, shale & coal streaks
2274	2355	81	Sand
2355	3065	710	Shale
3065	3230	165	Sand
3230	4570	1340	Shale, sand & coal
4570	4725	155	Sand
4725	5480	755	Shale
5480	5950	470	Sand & shale
Formation Tops:			
Well starts in Tertiary - Wasatch formation			
Base of Alamo - Top Upper Cretaceous 1675 5387			
Top Pictured Cliffs 2274 4788			
Top Lewis shale 2355 4707			
Top Mesaverde - Cliffhouse 3065 43997			
Top Menafee 3230 43832			
Top Point Lookout 4570 42512			
Top Mancos 4725 42337			
Top Gallup 5480 41582			
Cement Plug:			
5600 - 5500	28 sacks		
3150 - 3000	42 sacks		
2300 - 2200	28 sacks		
1600 - 1500	20 sacks		

FOLD MARK

