

Santa Fe

U. S. LAND OFFICE

SERIAL NUMBER

078431

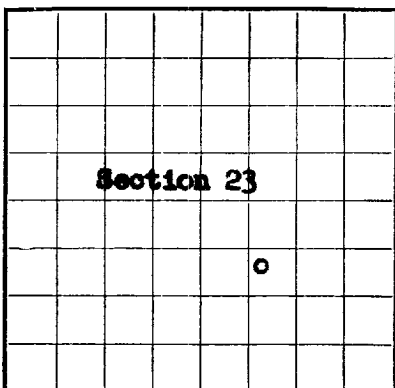
LEASE OR PERMIT TO PROSPECT



UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



Section 23

LOCATE WELL CORRECTLY

Company Southern Union Gas Company Address 1001 Burt Building, Dallas 1, TexasLessor or Tract Nickson Field Ballard Pictured Cliffs New MexicoWell No. 1 Sec. 23 T. 26N R. 8W Meridian N.M.P.M. County San JuanLocation 1750 ft. N. of S Line and 1750 ft. E. of E Line of Section 23 Elevation 6380'
(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 May 17, 1955A. M. Wiederkehr
Title Manager, Exploration Dept.

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

Commenced drilling December 29, 1954 Finished drilling January 5, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2133 to 2260 (G) 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		Purpose
							From—	To—	
9 5/8	36.00#		H-40	90.38'					surface production
5 1/2	25.15#		H-40	2165'					
1	22.08'								

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	99.38' HCB	100 sacks	Halliburton		
5 1/2	2165' HCB	150 sacks	Halliburton		
1	2208'				

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleared out
Sand fractured from 2204' to 2238' with 12,700 gallons of oil and 17,500# sand.						

TOOLS USED

Rotary tools were used from 0 feet to 2300 feet, and from _____ feet to _____ feet

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

DATES

March 22, 1955 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 1640.48 MCF

Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 668#/34 days

EMPLOYEES

McKinney Drilling Company, Driller Ray Nickison, DrillerBill Nail, Driller Clay Cade, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	1552	1552	Sand & Shale
1552	1575	23	Alamo Sand
1575	1782	7	Shale
1782	2216	334	Sand, Shale & Coal
2216	2300	84	Sand & Shale
TOPS:			
	Pictured Cliffs	2133	
	Lewis	2260	

