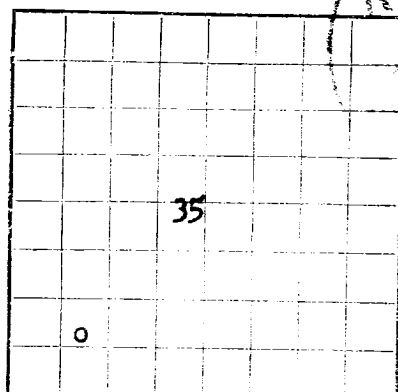


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 080724-A
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company SOUTHWEST UNION PRODUCTION CO. Address P.O. Box 808 Farmington, N. Mexico
Lessor or Tract Zachry Field Basin Dakota State New Mexico
Well No. 17 Sec. 35 T. 29N R. 10E Meridian N.M.P.M. County San Juan
Location 1065 ft. N. of 3 Line and 200 ft. E. of 4 Line of Section 35 Elevation 5733
(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

Gilbert D. Noland, Jr.
Gilbert D. Noland, Jr.

Title

Drilling Supt.Date December 22, 1961

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

Commenced drilling 11/11, 1961 Finished drilling 12/3, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6530 to 6516 G No. 4, from 6362 to 6352 C
No. 2, from 6501 to 6482 G No. 5, from _____ to _____
No. 3, from 6442 to 6410 G 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	24.00	8 rd.	J-55	249					
4 1/2	10.50	8 rd.	J-55	6606	Baker				
2 3/8	4.70	8 rd.	J-55	6401.5					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	259 RKB	125 Sacks	Pump plug		
4 1/2	6615 RKB	723 Cu. Ft.	Pump plug	(Cat. 1st. stage w/175 sx. 50-50 Pozmix)	
2 3/8	6411.5 R			Stage collar set @ 2100'. Cat. 2nd stage w/175 Cu. Ft. & 140 sx. neg.)	

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
Perf. 4 shots/ ft	55-556	55-556	20-40 sand & 28,980 Gal. water.	55-556	55-556	55-556
20-40 sand & 28,980 Gal. water.	55-556	55-556	55-556	55-556	55-556	55-556

TOOLS USED

Rotary tools were used from 0 feet to 6610 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 2-4021 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 4672 measured SITP 1945 - SICP 1945

EMPLOYEES

Huron Drilling Company, Driller H. W. Leach, Jr., Driller
Wayne Henson, Driller Seldon McMahan, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Suf.	985	xxxx 985	Wasatch
985	1685	700	Kirtland
1685	1960	275	Fruitland
1960	2060	100	Pictured Cliffs
2060	3568	1508	Lewis
3568	4550	982	Mesa Verde
4550	6293	1743	Mancos
6293	6610	317	Dakota
6610	6626	16	Harrison

[OVER]

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.

HISTORY OF OIL OR GAS WELL

10- FROM-		FORMATION
TOTAL FEET		
DATE		
REMARKS		