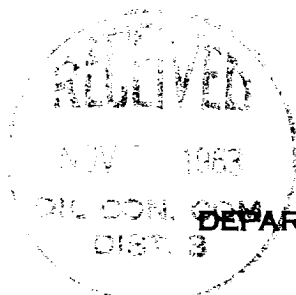


LOCATE WELL CORRECTLY



U. S. LAND OFFICE SANTA FE
SERIAL NUMBER SF 078212
LEASE OR PERMIT TO PROSPECT E/2,
SEC.4,T-30N,R-13W,N.M.P.M.,
UNITED STATES SAN JUAN COUNTY, N.MEX.

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
NOV 6 1963

LOG OF OIL OR GAS WELL

Company **SOUTHERN UNION PRODUCTION COMPANY** Address **P.O. BOX 808, FARMINGTON, NEW MEXICO.**
Lessor or Tract **MCCORD** Field **BASIN DAKOTA** State **NEW MEXICO**
Well No. **7** Sec. **4** T. **30N** R. **13W** Meridian **N.M.P.M.** County **SAN JUAN**
Location **1530** ft. **N** of **N** Line and **890** ft. **W** of **E** Line of **SECTION 4** Elevation **5719**
(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.

Date OCTOBER 29, 1963 Title DRILLING SUPERINTENDENT

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

Commenced drilling AUGUST 30, 1963 Finished drilling SEPTEMBER 15, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6284 to 6478 (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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	265 FT	150 BX	PUMP-PLUG		
4-1/2	6514 FT	CEMENT 1ST STAGE @ 375 CU.FT.		STAGE COLLAR AT 4548 FT.	
		CEMENT 2ND STAGE @ 1000 C.F.T.		CEMENT, PUMP - PLUG METHOD USED.	

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. 1 HOLE AT 6284, 6287, 6289, 6292, 6298, 6300, 6302, 6304, 6307, 7342, 6350, 6352, 6355, 6364, 6368, 6370, 6373, 6376, 6399, 6403, 6407, 6410, 6414, 6418, 6448, 6454, 6460, 6468, 6474, 6478, SAND WATER FRAG #70,000 SAND & 73,434 GALS. 1% C.O. WATER CONTAINING 310 CUBIC FT. CARBON DIOXIDE/BSL.						
TOOLS USED						

Rotary tools were used from SURFACE feet to 6520 feet, and from _____ feet to _____ feet.

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

DATES

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 2,966 MCFPD Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. ~~1973 STOP 7 DAYS, 1831 SITP 7 DAYS, CACF=3,437 MOFPD~~
EMPLOYEES

HURON DRILLING COMPANY, Driller **B. J. ROBERTS**, Driller

-----, Driller
F. V. CARROL
-----, Driller
SELDON McMAHAN

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
SURFACE	660 FT.	660 FT.	WASATCH
660 FT.	1410 FT.	750 FT.	KIRTLAND
1410 FT.	1750 FT.	340 FT.	FRUITLAND
1750 FT.	1900 FT.	150 FT.	PICTURED CLIFFS
1900 FT.	3310 FT.	1410 FT.	LEWIS
3310 FT.	4460 FT.	1150 FT.	MESA VERDE
4460 FT.	6225 FT.	1765 FT.=	MANCOS
6225 FT.	6520 FT.	295 FT.	DAKOTA

FORMATION RECORD-Continued

FROM-	TO-	TOTAL FEET	FORMATION

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 full, 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

16-43034-2 U. S. GOVERNMENT PRINTING OFFICE

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