

U. S. LAND OFFICE SANTA FE
SERIAL NUMBER SF 078214
LEASE OR PERMIT TO PROSPECT N/2.
SE. 33, T30N, R13W, N.M.P.M. SAN
ATES JUAN CTY. NEW MEXICO.

UNITED STATES JUAN C
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company SOUTHERN UNION PRODUCTION CO. Address P.O. BOX 808, FARMINGTON, NEW MEXICO
Lessor or Tract MC CORD Field BASIN DAKOTA State NEW MEXICO
Well No. 10 Sec. 33 T. 30N R. 13W Meridian N.M.P.M. County SAN JUAN
Location 1125 ft. XX S of N Line and 1580 ft. XX W of E Line of SECTION 33 Elevation 5519
(Derive 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.

Date JANUARY 15, 1964 Title DRILLING SUPERINTENDENT

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

Commenced drilling OCTOBER 24, 1963 Finished drilling NOVEMBER 6, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5978 to 6165 (a) 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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

Size casting	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8 5/8 24.0	8 RD	J-95	LOT A-711	BELL U.T.			3976	6165	SURFACE PRODUCTION TUBING
4 1/2 10.5	8 RD	J-95	K-23	CW-15					
1 1/2 2.90	10 WD	J-95	G-22						
			MILWAUKEE CO. ON ONE END LEFT						

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	323	200 SX	PUMP PLUG		
4 1/2	6245	1ST STAGE W/425	CU.FT. CEMENT.	2ND STAGE W/2000	CU.FT. CEMENT.
		AT 4233 THRU STAGE COLLAR.	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
PERFORATED 1 SHOT/FT.	5978-6000, 6010-6014, 6019-6056, 6060-6068, 6074-6084, 6089-6102, 6106-6110, 6146-6152, 6162-6165.	SAND	WATER AND CO2	FRAG PERS W/90,000# SAND, 106,400 GALS'		
	WATER AND 40 TONS CO2.					

TOOLS USED

Rotary tools were used from SURFACE feet to 6245 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

-----**DECEMBER**-----**12**-----, 19--**63**

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 3,191 MCFPD Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ~~7-DAY SITP 1872~~, SITP 1659, CAOF 3920.

EMPLOYEES

GARDNER BROTHERS DRILLING CO., Driller
M. P. HOLMAN, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
SURF	1120	1120	KIRTLAND
1120	1380	260	FRUITLAND
1380	1620	240	PICTURED CLIFFS
1620	2915	1295	LEWIS
2915	4185	1270	MESA VERDE
4185	5975	1790	MANCOS
5975	6245	270	DAKOTA

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
0000	0500	500	LYKOLY
0500	0800	300	LYKOLY
0800	1100	300	LYKOLY
1100	1400	300	LYKOLY
1400	1700	300	LYKOLY
1700	2000	300	LYKOLY
2000	2300	300	LYKOLY
2300	2600	300	LYKOLY
2600	2900	300	LYKOLY
2900	3200	300	LYKOLY
3200	3500	300	LYKOLY
3500	3800	300	LYKOLY
3800	4100	300	LYKOLY
4100	4400	300	LYKOLY
4400	4700	300	LYKOLY
4700	5000	300	LYKOLY

FROM-	TO-	DATE	TIME
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LOOK FOR NEW RECORDS

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REMARKS

[illegible]

HISTORY OF OIL OR GAS WELL

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 flowing.

1. Subject: Mathematics
 2. Topic: Algebra
 3. Chapter: Linear Equations
 4. Section: One-Variable Linear Equations
 5. Sub-Section: Word Problems
 6. Grade: 7
 7. Author: John Doe
 8. Date: 2023-10-27
 9. Version: 1.0
 10. Page: 1

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NO. 3 from	to	NO. 3 from	to

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The applicant on the basis of the provisions of the law is proposed to be
 APPROVED

TOP OF CUT OFF EYE AREA

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GEOGRAPHY. 2345.

J. L. BROWN AND M. M. FORD

041355-14, 1972

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