



LOCATE WELL CORRECTLY

**RECEIVED**  
JAN 29 1963  
OIL CON. COM.  
DIST. 3

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER SP 078464

LEASE OR PERMIT TO PROSPECT

Sec. 25, T-31N, R-13E, S.4. P.M.  
UNITED STATES San Juan Cty., N.M.

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

**RECEIVED**

JAN 29 1963

## LOG OF OIL OR GAS WELL

U. S. GEOLOGICAL SURVEY  
CITY OF WASHINGTON, D. C.

Company Southern Union Production Co. Address P. O. Box 808 Farmington, N.M.  
Lessor or Tract Federal Field Basin Dakota State New Mexico  
Well No. 1-25 Sec. 25 T. 31N R. 13E Meridian S.4. P.M. County San Juan  
Location 1600 ft. N. of S. Line and 1740 ft. E. of W. Line of Sec. 25 Elevation 5641  
(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. Holand, Jr.Date December 11, 1962Title Drilling Superintendent

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

Commenced drilling November 17, 1962 Finished drilling December 5, 1962

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6660 to 6674 (G) No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 6704 to 6710 (G) No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 6725 to 6740 (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—	
<u>3-1/2"</u>	<u>12.90</u>	<u>10.00</u>	<u>API</u>	<u>6675</u>	<u>Ball</u>	<u>6675</u>	<u>6675</u>	<u>6675</u>	<u>Production</u>
<u>2-1/2"</u>	<u>10.00</u>	<u>10.00</u>	<u>API</u>	<u>6675</u>	<u>Ball</u>	<u>6675</u>	<u>6675</u>	<u>6675</u>	<u>Production</u>
<u>1-1/2"</u>	<u>10.00</u>	<u>10.00</u>	<u>API</u>	<u>6675</u>	<u>Ball</u>	<u>6675</u>	<u>6675</u>	<u>6675</u>	<u>Production</u>

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>3-1/2"</u>	<u>289 ft.</u>	<u>160 sks</u>	<u>Pump Plug</u>		
<u>2-1/2"</u>	<u>6920 ft.</u>	<u>410 cu. ft. cement. Baker stage c collar at 4898. Cement 2nd stage with 75 cu. ft. 40% Discol + 1% cement.</u>			
<u>1-1/2"</u>	<u>6686</u>				

## 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
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Perforated 2 shots/ft. 6660-6674; 6704-6710; 6725-6740. Sand water fraced perforations with 63,000 20-40 sand and 34,714 gallons water containing 320 cu. ft. of CO<sub>2</sub>/Bbl. water

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 0 feet to 6920 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_, 1962 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 CAOP = 2,112 MCFPD Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. 1,832 MCFPD

7 day SIT 1732 psi. SICP 1784 psi.

\_\_\_\_\_, Driller

Aspen Drilling Co.H. J. Casey

## FORMATION RECORD

San Jones

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1240</u>	<u>1240</u>	<u>Tertiary</u>
<u>1240</u>	<u>1870</u>	<u>630</u>	<u>Cretaceous</u>
<u>1870</u>	<u>2165</u>	<u>295</u>	<u>Fruitland</u>
<u>2165</u>	<u>2320</u>	<u>155</u>	<u>Pictured Cliff</u>
<u>2320</u>	<u>3680</u>	<u>1360</u>	<u>Lewis</u>
<u>3680</u>	<u>3835</u>	<u>155</u>	<u>Cliff House</u>
<u>3835</u>	<u>4485</u>	<u>650</u>	<u>Manekee</u>
<u>4485</u>	<u>4800</u>	<u>315</u>	<u>Pt. Lookout</u>
<u>4800</u>	<u>5775</u>	<u>975</u>	<u>Manekee</u>
<u>5775</u>	<u>6520</u>	<u>755</u>	<u>Gallup</u>
<u>6520</u>	<u>6645</u>	<u>125</u>	<u>Greenhorn</u>
<u>6645</u>	<u>6920</u>	<u>275</u>	<u>Dakota</u>

(OVER)