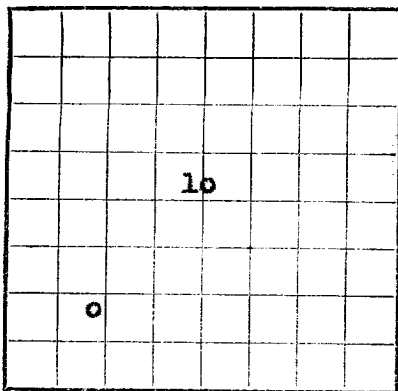
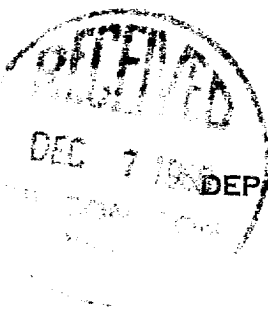




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE Santa FeSERIAL NUMBER SP-000724-A

LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address 1434 Fidelity Union Tower Bldg.
Lessor or Tract Zachry Field Angels Peak Dakota State New Mexico
Well No. 14 Sec. 10 T. 28N R. 10W Meridian N.M.P.M. County San Juan
Location 1100 ft. N of South line and 1170 ft. E of W Line of Section 10 Elevation 5811'
(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 Paul J. Clote Title Mgr. Drilling and Production

Date November 29, 1960

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

Commenced drilling September 30, 1960 Finished drilling October 19, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6354 to 6382' (G) No. 4, from _____ to _____
No. 2, from 6434 to 6480' No. 5, from _____ to _____
No. 3, from 6540 to 6570' 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	32.50	8.00	8.00	255'					
4-1/2	9.50	8.00	8.00	6630'					
1-1/2	2.75	8.00	8.00	6630'					
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	255' RKB	225	Halliburton		Surface Production
4-1/2	6630' RKB	325 sacks MW - 380 sacks KB			

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. 6540-6570' fraced w/24,000# sand, and 520 bbls. water. 12-40 RPM. Perf. 6354-6382', 6434-6480' fraced w/70,000# sand and 1600 bbls. water. 12-50 RPM. Dropped 230 rubber balls.						

TOOLS USED

Rotary tools were used from 0 feet to 6630' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

October 31, 1960, 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 CAOF 9,398 MCFPD Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. SICP 2051#, SICP 2081#

EMPLOYEES

Fleeger Drilling, Driller R. W. Logan, Driller
Fred Darnison, Driller W. E. Echols, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0-	6630 TD	6630	Sand and shale
TOPS:			
			Pictured Cliffs 1983'
			Cliff House 3560'
			Point Lookout 4325'
			Mancos 4630'
			Callup 5493'
			Green Horn 6250'
			Dakota 6355'

2. 5. 1. 1.

FOR MIAMI

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

DATE	TIME	LOCATION	TYPE	REMARKS	BY	REMARKS	DATE	TIME	LOCATION	TYPE	REMARKS	BY
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CRIMING RECORD

[illegible]

IMBOKLYN: MAYLES SANDS

№ 3, from 1913 to 1914. № 4, from 1914 to 1915.

OIL OK GAS SANDS OK ZONES

Commenced trading _____ to _____ finished trading _____ to _____

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

DATE: 10/10/1964 TIME: 11:00 AM

[illegible]

The aforementioned Eason statement is a complete and correct record of the work and all work done between

POSITION OF THE [REDACTED] OF THE [REDACTED] TO [REDACTED]

[illegible]

Company: WILLIAMS, J. & CO. INC. Address: 1135 W. 42ND ST. NEW YORK 18, N.Y.

ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ

[illegible]

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GEOLOGICHE SKIZZE

DEPARTMENT OF THE INTERIOR

041100 214152

TYPE OF DETAILS TO FORECAST

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