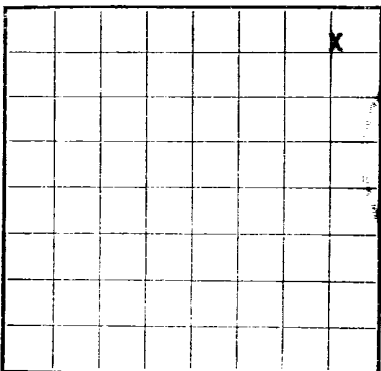


5-USGS
1-Western Dev.
1-Dallas
1-File

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE
SERIAL NUMBER **SF-078895**
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Southwest Production Company** Address **162 Petr. Center Bldg.,
Farmington, New Mexico**
Lessor or Tract **Graham Federal** Field **Kutz-Gallup** State **New Mexico**
Well No. **#1** Sec. **6** T. **27NR.** 11W Meridian **NMPM** County **San Juan**
Location **330 ft. N of Sec. 6 line and 330 ft. E of NMPM line of Sec. 6** Elevation **6017 GL**
(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. Original signed by
Signed **Carl W. Smith**

Date **January 11, 1961** Title **Production Supt.**

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

Commenced drilling **12/3**, 19**60** Finished drilling **12/17**, 19**60**

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **Oil 5799** to **5817** No. 4, from _____ to _____
No. 2, from **Oil 5732** to **5748** 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10 3/4	32.50#		Lone Star	323.37					
4 1/2	11.50#		J-55	187 lbs.					
2" EUE @ 5774'									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	302	200 sx 3% Calcium Chloride			
4 1/2	5910	120 sx 50/50 Diamix 2% gel / 100 sx 50/50 Diamix - 2nd stage thru DV tool @ 1998 w/125 sx 50/50 Diamix 4% gel.			
2" EUE @ 5774'					

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

TOOLS USED

Rotary tools were used from **0-** feet to **5915'** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **1/1**, 19**61**
The production for the first 24 hours was **208** barrels of fluid of which **100**% was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

S. H. Roberson, Driller **Man Drilling Company**, Driller
C. B. Cagle, Driller **Ira Armstrong**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Electric Log Tops: Pictured Cliffs 1787 Cliff House 2725 Point Lookout 4264 Mancos 4520 4520 Gallup 5395 5395 Total Depth 5915' Plugged Back 5880'



2016年12月10日
 2016年12月10日

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 piers 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

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]

FORMATION RECORD—Continued