

4-USGS

1-WD

1-D

1-F

Budget Bureau No. 42-R355.1.
Approval expires 12-31-60.

U. S. LAND OFFICE

SERIAL NUMBER **SF-078092**

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 Co.** Address **207 Petr. Club Plaza, Farmington,**
Lessor or Tract **Douthitt Federal** Field **Basin-Dakota** State **New Mexico**
Well No. **1** Sec. **27** T. **27N** R. **11W** Meridian **NMPM** County **San Juan**
Location **790** ft. **N.** of **5** Line and **1850** **W.** of **E** Line of **Sec. 27** Elevation **6370'** 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 **10/9/61** Title **Production Supt.**

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

Commenced drilling **9/5**, 19 **61** Finished drilling **9/17**, 19 **61**

~~Oil or~~ GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **6550** to **6576** No. 4, from _____ to _____
No. 2, from **6581** to **6585** No. 5, from _____ to _____
No. 3, from **6620** to **6656** 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 7 jts				6550	6656	Surface
4 1/2"	10.50#		216 jts.						Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	207'	150 ex H-5-2	gel Pump & Plug		
4 1/2"	6675'	475-2stage-DV tool	2198 Pump & Plug		
2" Tbg.	landed	6596# 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

TOOLS USED

Rotary tools were used from **0** feet to **6675'** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Tested **10/4**, 19 **61** 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 **3,446** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **4,418** **OF-SICP&IF after 7 days 2015#. 3hr flow**
EMPLOYEES press. csg. 1066# tbq. 279

C. B. Cagle, Driller **S. H. Roberson**, Driller
Ira Armstrong, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Electric Log Taps:
			Pictured Cliffs 2028
			Lewis 2180
			Cliff House 2891
			Point Lookout 4420
			Mancos 4702
			Gallup 5530
			Greenhorn 6386
			Graneros 6447
			Dakota 6506

FORMATION RECORD—Continued

[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 pings or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.