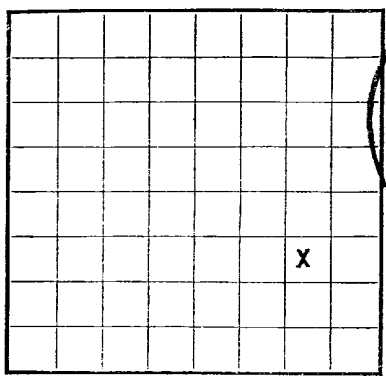
Form 9-330

4-USGS
1-D
1-HF
1-R

RECEIVED
JUN 12 1961
OIL

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

U. S. LAND OFFICE .....
SERIAL NUMBER SF-079115
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 Jenkins Federal Field Basin Dakota State New Mexico

Well No. 1 Sec. 13 T. 27N R. 12W Meridian NMPM County San Juan

Location 1850 ft. {N. / S.} of N Line and 790 ft. {E. / W.} of W Line of Sec. 13 Elevation 6095.6 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.

Signed Original signed by Carl W. Smith

Date 6/7/61 Title Production Superintendent

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

Commenced drilling 3/25, 19 61 Finished drilling 5/16, 1961

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from G 6328 to 6344 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. 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 From—	Perforated To—	Purpose
10 3/4	32.50#		Lone Star	306					Surface
4½"	10.50#		Lone Star	6484			6328	6344	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	296 KB	210 sx 2% HA-5			
4½"	6479 KB	225sx 50/50 pozmix 4% gel 75 sx neat 1% Halad 9.			
1½"	6344	2nd stage thru DV tool @ 1916 w/100 sx 50/50 pozmix			

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 6478 feet, and from ..... feet to ..... feet

Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

DATES

Tested 5/30, 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 2,370 MCF Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. 2,772 AOF - SICP after 7 days 2100# SITP 2096# 3 hr. flow pre tbg. 188#, csg. 921#

EMPLOYEES

Ira Armstrong, Driller ....., Driller

C. B. Cagle, Driller S. H. Roberson, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Electric Log Tops:
			Pictured Cliffs 1765
			Cliff House 2610
			Point Lookout 4136
			Mancos 4480
			Gallup 5292
			Greenhorn 6157
			Graneros 6212
			Dakota 6322
			Total Depth 6478
			CO Depth 6363

[OVER]

16—43094-4

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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

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 bailing.