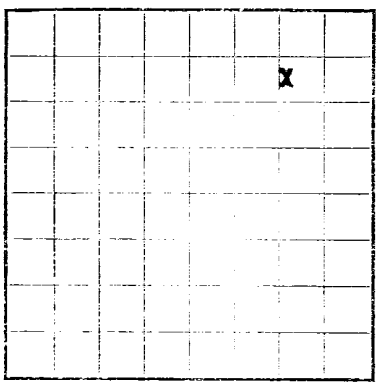
4-USGS
1-WD
1-D
1-F

SWP-91

Form 9-330

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

U. S. LAND OFFICE
SERIAL NUMBER SF-078094
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 207 Petr. Club Plaza, Farmington, N.M.

Lessor or Tract Hancock Federal Field Basin Dakota State New Mexico

Well No. 3 Sec. 24 T. 27N R. 11W Meridian NMPM County San Juan

Location 790 ft. N. of N Line and 990 ft. E. of E Line of Sec. 24 Elevation 6114'G.L. (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 1/15/62 Title Superintendent

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

Commenced drilling 11/27, 1961 Finished drilling 12/9, 1961

~~OIL OR~~ GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6316 to 6322 No. 4, from 6407 to 6422

No. 2, from 6346 to 6350 No. 5, from to

No. 3, from 6354 to 6356 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	32.75#		Lone Star	7 jts.					Surface
4½	10.50#		"	206 jts.			6316	6422	Production
1½" tbg. landed @ 6433' 12/30/61									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	209'KB	150	Pump & Plug		
4½	6545'KB	DV tool @ 1974' cemented 1st stage w/200 sx 50/50 pozmix 4% gel 100 sx neat w/1% Halad 9, 2nd stage w/125 sx 50/50 pozmix 4% gel Pump & Plug method			

FOLD MARK

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 6545 feet, and from feet to feet

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

DATES

Tested, 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 3,923 MCF Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 5,986 AOF - SICP & TP after 7 days 1986- 3 hr. flow press.

EMPLOYEES

tbg. 312, csg. 1323

C. B. Cagle, Driller , Driller

Ira Armstrong, Driller S. H. Roberson, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Electric Log Tops:
			Pictured Cliffs 1843
			Lewis 2030
			Cliff House 2763
			Point Lookout 4170
			Mancos 4540
			Gallup 5390
			Greenhorn 6226
			Graneros 6283
			Dakota 6395

[OVER]

16—43094-4

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.