Form 9-330

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

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

RECEIVED SEP 28 1960 OIL CON. COM. DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Southwest Production Company Address 162 Petr. Center Bldg., Farmington, N.M.
Lessor or Tract Holloway Federal Field Undesignated State N. M.
Well No. #5 Sec. 7 T. 27N R. 11W Meridian NMPM County San Juan
Location 990 ft. {N./S.} of S. Line and 990 ft. {E./W.} of E. Line of Sec. 7 Elevation 6134.7 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 9/23/60 Title Production Supt.

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

Commenced drilling 8/16/, 1960 Finished drilling 8/31, 1960

~~OIL OR~~ GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6348 to 6358 No. 4, from 6396 to 6426
No. 2, from 6363 to 6375 No. 5, from to
No. 3, from 6382 to 6388 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	10 5/8					
5½"	15.50#	8	J	212 Jts.			6348	6426	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	335KB	250 sx 2% HA-5			
5½"	6602KB	425 sx 2 stage thru DV tool @ 2024, w/100 sx 50/50 pozmix 4% gel + 100 sx latex cement-2nd stage thru DV tool w/100 sx 50/50 pozmix 4% gel.			

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 6596 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

September 19, 1960 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 4,365 MCF/day Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 6,422 AOF, SICP 2030# after 7 days.

EMPLOYEES

John Isaccs, Driller J. C. Man Drilling Company S. H. Roberson, Driller
C. B. Cagle, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Electric Log Tops:
			Pictured Cliffs 1830
			Cliff House 2703
			Point Lookout 4269
			Mancos 4540
			Gallup 5390
			Greenhorn 6232
			Graneros 6288
			Dakota 6394

Well History:
*Perf. 6396-6426 w/4 jets per foot & 6348-58, 6363-75, 6382-88 w/4 jets/ft. SWF w/80,000# 20-40 sd 67,000 gals gelled water. FBD 1700# ATP 2400# Max TP 2500#, Flush 2700#, inj. rate 48.4 BPM. Dropped 80 perf. plugging balls. SIP 1600#. Washed sand from 6373-6550, landed 205 jts. 2" EUE tbg. @ 6401', swab well in.

[OVER]

16—48094-4

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.