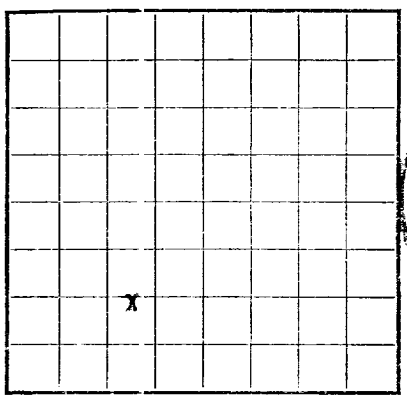
4-USGS
2-EPNG, Farmington, El Paso
1-E
2-F

Form 9-330

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

SWP-152

U. S. LAND OFFICE _____
SERIAL NUMBER SF-078716-A
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

RECEIVED MAY 16 1963 OIL CON. COM. DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southwest Production Company Address 234 Petr. Club Plaza, Farmington, N.M.

Lessor or Tract Hubbell Federal Field Basin Dakota State New Mexico

Well No. 1 Sec. 7 T. 29N R. 10W Meridian NMPM County San Juan

Location 800 ft. {N./S.} of S Line and 1640 ft. {E./W.} of W Line of Section 7 Elevation 5665 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 May 14, 1963 Title Superintendent

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

Commenced drilling April 6, 1963 Finished drilling April 25, 1963

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from G. 6406 to 6416 No. 4, from _____ to _____

No. 2, from G. 6459 to 6485 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	32.75	CRI		216'					Surface
4 1/2	10.50	CRI		6610'			6406	6485	Production
198 jts. 1½" NU tbg. landed @ 6512'									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	225'KB	150	Pump & Plug		
4 1/2	6611'KB	1275	Pump & Plug	3 stage, FC @ 6586, DV tools @ 4596 & 2124	

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 6604' feet, and from _____ feet to _____ feet

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

DATES

Tested 5/17, 1963 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 2,790 MCF Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 3,460 AOF, SITP 1998, SICP 2017 after 7 days.
Open flow pressures, tbg. 224, csg. 998.

EMPLOYEES

Ira Armstrong, Driller S. H. Roberson, Driller

G. E. Cagle, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Electric Log Tops
			Kirtland 870
			Fruitland 1695
			Pictured Cliff 1980
			Cliff House 3545
			Point Lookout 4285
			Mancos 4540
			Gallup 5530
			Greenhorn 6280
			Graneros 6387
			Dakota 6450

FOLD MARK

[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.