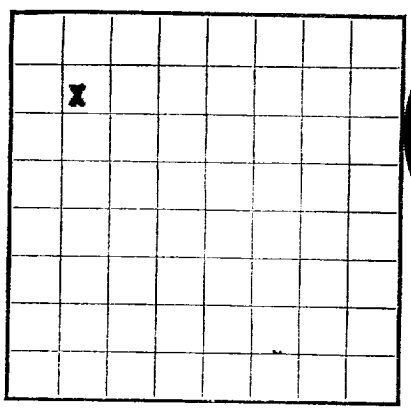
4-USGS
1-SFWS-Ed Oberly
1-D
1-F

Form 9-330

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

U. S. LAND OFFICE
SERIAL NUMBER SF-078622
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED
JAN 11 1962
OIL CON. COM.
DIST. 3

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 Bond Federal Field Basin Dakota & Ballard P.C. Ext. State New Mexico

Well No. 2 Sec. 13 T. 26N R. 8W Meridian NMPM County San Juan

Location 1160 ft. {N. / S.} of S Line and 960 ft. {E. / W.} of E Line of Sec. 13 Elevation 6239 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 1/8/62 Title Superintendent

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

Commenced drilling 10/3, 19 61 Finished drilling 10/25, 19 61

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

Dakota

No. 1, from G-6500 to 6512 No. 4, from 6650 to 6662

No. 2, from 6364 to 6386 No. 5, from Notch @ to 6681

No. 3, from 6608 to 6614 No. 6, from to

Pictured Cliffs-2202-2214

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
9 5/8	32.30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Surface
5½	15.50	[illegible]	[illegible]	288	(D)	[illegible]	6650	6662	Production
					(PC)	[illegible]	2202	2214	
1" tbg. landed @ 2219'									
1½" tbg. landed @ 6678'									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	325 KB	300 ex reg. 2% HA-5	Pump & Plug		
5½	6740 KB	1st. stage w/200 ex 50/50 pozmix 4% gel, 100 ex neat 1% Halad 9 DV tool @ 2254 w/150 ex neat 12% gel, 100 ex 50/50 pozmix 2% gel & 1% Halad 9			

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 6740 feet, and from feet to feet

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

DATES

Tested 1/5, 19 62 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 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. Dakota- 1,862 MCF, 2160 AOF, SICP & TP-2250# after 14 days

EMPLOYEES

Huron Drilling Company, Driller Pictured Cliffs-606 MCF 618 AOF, SICP & TP 753# after 7 days., Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Electric Log tops:
			Pictured Cliffs 2202
			Lewis 2270
			Cliff House 3740
			P.L.O. 4447
			Mancos 4690
			Gallup 5555
			Greenhorn 6403
			Graneros 6453
			Dakota 6622

(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.