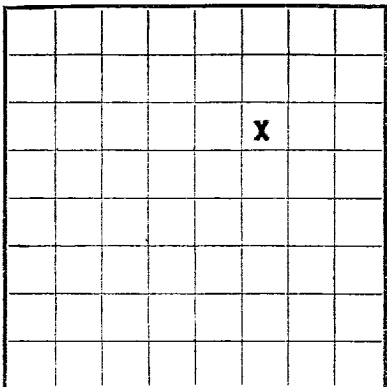


U. S. LAND OFFICE
SERIAL NUMBER **SF-078895**
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Southwest Production Company** Address **162 Petroleum Center Bldg. Farmington, New Mexico**
Lessor or Tract **Holloway Federal** Field **Undesignated** State **New Mexico**
Well No. **#2** Sec. **18** T. **27N** R. **11W** Meridian **NMPM** County **San Juan**
Location **1650** ft. **(N.)** of **S.** Line and **1650** ft. **(E.)** of **W.** Line of **Section 18** Elevation **6126.7** 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 *Carl W. Smith*

Date **August 1, 1960** Title **Production Superintendent**

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

Commenced drilling **June 30**, 19**60** Finished drilling **July 18**, 19**60**

~~OTHER~~ GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **6390** to **6416** No. 4, from _____ to _____
No. 2, from **6338** to **6348** No. 5, from _____ to _____
No. 3, from **6324** to **6328** 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		Purpose
							From—	To—	
10 3/4	32.75	5	5	10					
8 1/2	23.50	4	5	10					
HISTORY OF CUT OR CVD MET									
DV Tool at 1990'									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	315	250 sx 2 1/2 H-5			
5 1/2	6507-30	225 sx 50/50 pozmix / 4% Gel, tailed in w/75 sx neat cement w/laytex			
		2nd stage thru DV tool w/100 sx 50/50 pozmix / 4% Gel.			
	206 jts. 2 3/8 OD tbg. set at 6397'				

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 **6510** feet, and from **PB 6476'** feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

July 29, 1960, 19**60** 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 **3,086 MCF/D** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **3,428 AOF SIFP 250, SICP 740/3 Hrs.**

EMPLOYEES

G. R. Moore _____, Driller **Man Drilling Company**
G. B. Cagle _____, Driller **S. H. Roberson** _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Electric Log Tops:
			Kirtland 1250
			Pictured Cliffs 1833
			Lewis 2000
			Mesaverde 2693
			Point Lookout 4240
			Mancos 4512
			Gallup 5375
			Greenhorn 6220
			Graneros 6275
			Dakota 6338
			TD 6510 PB 6476'
FROM—	TO—	TOTAL FEET	FORMATION

