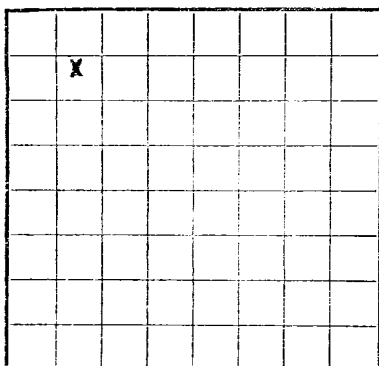


4-USGS
1-WD
2-FBudget Bureau No. 42-R356.4.
Approval expires 12-31-60.

SUP-112

U. S. LAND OFFICE
SERIAL NUMBER **SF-078089**
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 **Scott Federal** Field **Basin Dakota** State **New Mexico**
Well No. **12** Sec. **36** T. **27** NR. **11W** Meridian **N.M.P.M.** County **San Juan**
Location **1190** ft. **XX** of **N** Line and **990** ft. **XX** of **W** Line of **Sec. 36** Elevation **6515'** 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 **August 13, 1962** Title **Superintendent**

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

Commenced drilling **7/3**, 1962 Finished drilling **7/17**, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **G 6350** to **54** No. 4, from _____ to _____
No. 2, from **G 6610** to **20** No. 5, from _____ to _____
No. 3, from **G 6648** to **54** 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—	
8 5/8"	24#	STC	242-60'						Surface
4 1/2"	11.60#		6799'				6550'	6654'	Production
1 1/2"	non-upset tbg.	landed @ 6652'	KB 7/28/62						

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	257' KB	125	Pump & Plug		
4 1/2"	6794' KB	1st stage w/200 ex 50/50 pozmix 4% gel w/12 1/2# gilsonite/ex, 100 ex reg. w/1% halad #9, 2nd stage thru DV tool @ 2363 w/150 ex 50/50 pozmix 4% gel.	Pump & Plug.		

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 **6794** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Tested **8/8**, 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 **1,949 MCF** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **2,300 AGF, SITP 1170#, SICP 1915#, after 7 days**

Lohman Johnson Drilling Co. EMPLOYEES **flowing press. tbg. 136#, csg. 827#**

D. E. Mitchell, Driller **R. H. Dawlearn**, Driller

T. B. Gage, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Electric Log Tops:
			Pictured Cliff 2060
			Cliff House 2960
			Point Lookout 4508
			Mancos 4734
			Gallup 5565
			Greenhorn 6438
			Graneros 6494
			Dakota 6612
			T.D. 6794
			P.B. 6753'

