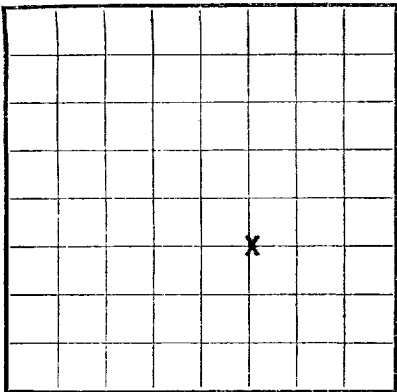




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U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

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SERIAL NUMBER **SF-078931-D**
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UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Southwest Production Company** Address **162 Petr. Center Bldg., Farmington, New Mexico**

Lessor or Tract **Callow Federal** Field **Totah-Gallup** State **New Mexico**

Well No. **#2** Sec **33** T. **29N** R. **13W** Meridian **NMPM** County **San Juan**

Location **2275** ft. **XX** of **N** Line and **1810** ft. **XX** of **W** Line of **Section 33** Elevation **5709 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** Title **Production Superintendent**

Date **5/3/61**

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

Commenced drilling **2/19**, 19**61** Finished drilling **3/4**, 19**61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 0 5379 to 5409	No. 4, from _____ to _____
No. 2, from 0 5433 to 5454	No. 5, from _____ to _____
No. 3, from 0 5456 to 5477	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—	
9 5/8	32.30		J-55	357					
4 1/2	11.60			5633			5379	5471	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	338 KB	225 sx reg. 2% HA-5 Pump & Plug			
4 1/2"	5628 KB	1st stage w/150 sx 50/50 pozmix 4% gel w/100 sx 50/50 pozmix 2% gel - 2nd stage w/150 sx 50/50 pozmix 4% gel - Pump & Plug.			
2" EUE	tbq. @ 5488'	DV tool @ 1673'.			

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 **5622'** feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing **New Oil** **5/1**, 19**61**.

The production for the first 24 hours was **97** barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **42.6**

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

N. D. Thompson, Driller **Huron Drilling Co.**

K. R. Phillips, Driller **J. B. Clark**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Electric Log Tops:
			Pictured Cliffs 1437
			Cliff House 2365
			Menefee 3025
			Point Lookout 3910
			Mancos 4202
			Gallup 5108
			Total Depth 5622'
			C.O. 5502'

