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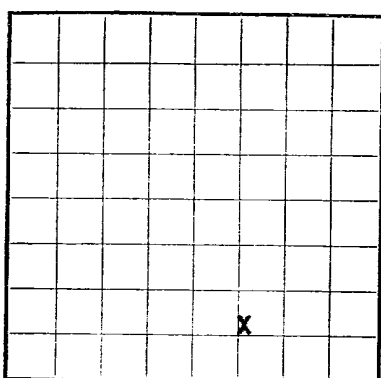
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U. S. LAND OFFICE

SERIAL NUMBER **SF-078896**

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 Co. Address 162 Petr. Center Bldg.,
Farmington, New Mexico
Lessor or Tract Mudge Federal Field Basin Dakota State New Mexico
Well No. 5 Sec. 33 T. 27NR. 11W Meridian NMPM County San Juan
Location 790 ft. [N.] of S Line and 1450 ft. [E.] of W Line of Sec. 33 Elevation 6228' GL
XX XX (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 6/30/61 Title Production Superintendent

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

Commenced drilling ----- 5/30 -----, 19 61. Finished drilling ----- 6/10 -----, 19 61.

OIL OR GAS SANDS OR ZONES

(Denote gas by $\ominus$)

No. 1, from G 6296 to 6303 No. 4, from 6328 to 6334
No. 2, from 6312 to 6316 No. 5, from _____ to _____
No. 3, from 6318 to 6324 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	32-50#		Bone Star	7 jts.					Sub Factor
4"	10-50#		CR&I	198 jts.			6296	6334	Production
11"	Tbg. landed @								
	6324'								

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	@ 201	150 sx HA-5	2% gel. Pump & plug		
4 1/2	6424	w/200 sx 50/50 pozmix	4% gel & 100 sx		neat cement 1% halad-9, 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 6430 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Tested ----- 6/27 -----, 19 <u>61</u>	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. -----	

2,596 MCF
4,361 AOF, SICP & TP after 7 days 1800#, 3 hr. flow press.
EMPLOYEES tbq. 210#, Csq. 1248#

Ira Armstrong....., Driller C. B. Cagle....., Driller
....., Driller S. H. Roberson....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Electric Log Tops:
			Pictured Cliffs 1743
			Cliff House 2620
			Point Lookout 4151
			Gallup 5260
			Greenhorn 6130
			Graneros 6252
			Dakota 6292

