

U. S. LAND OFFICE -----
SERIAL NUMBER **MM-067853** -----
LEASE OR PERMIT TO PROSPECT -----

A blank 10x10 grid with an 'X' in the bottom-left corner.

OIL CO.
DIST.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
SEP 1 1960
OIL CON. COM.
DIST. 3

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY

162 Petroleum Center Bldg.

Company Southwest Production Company Address Farmington, New Mexico

Lessor or Tract Collier Federal Field Undesignated State New Mexico

Well No. #1 Sec. 18 T. 27 R. 12 Meridian NPM County San Juan

Location 1250 ft. N of N Line and 790 ft. E of E Line of Section 18 Elevation 5635 GL
(Derriek floor relative to ground)

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 1, 1960 Title Production Superintendent

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

Commenced drilling June 18, 1960 Finished drilling July 20, 1960

OIL OR GAS SANDS OR ZONES
 (Denote gas by G)

No. 1, from 5814 to 5820 No. 4, from _____ to _____
 No. 2, from 5830 to 5850 No. 5, from _____ to _____
 No. 3, from 5880 to 5914 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 1/2	2.20	12	1-15	10 3/4	12	1-15	10 3/4	12	1-15
5 1/2	2.20	12	1-15	10 3/4	12	1-15	10 3/4	12	1-15
2	1.10	12	1-15	10 3/4	12	1-15	10 3/4	12	1-15
INVOICE OF OFFICE OF THE SECRETARY OF THE ARMY									
							U. S. ARMY	OFFICE OF THE SECRETARY OF THE ARMY	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	330-36 RKB	250 sx - 2% Calcium Chloride			
5 1/2	6040	125 sx 50/50 Pozmix 4% Gel / 75 sx Laytex.			
6 3/4	6040	125 sx 50/50 Pozmix 4% Gel / 75 sx Laytex.			

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 _____ feet to ~~188, 662.46~~ _____ feet to _____ feet
 Cable tools were used from -0- feet to 6040 feet, and from _____ feet to _____ feet

DATES

-----, 19____
July 30 -----, 19**60**
 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. ~~1,400-1,405~~ ~~SITE 108~~ ~~SITE 485/ 3 Hrs~~

EMPLOYEES

EMPLOYEES

J. V. Gay	Driller	Summit Drilling Co.	Driller
P. B. Cockrell	Driller	R. E. Luthe	Driller
		J. W. Harwood	

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Electric Log Tops:
			Kirtland 710
			Pictured C. 1285
			Lewis 1440
			Mesaverde 2154
			Point L. O. 3728
			Mancos 4047
			Gallup 4870
			Greenhorn 5727
			Graneros 5770
			Dakota 5830
			TD 6040 PB 6002.40'
SWF Perfs 7/2/60 5814-5914 w/80,000# 20-40 sand, 1,630 bbls. gelled water & 170 bbl flush, injection rate 41.5 BPM. BD pressure 2400#, Cag. pressure 400# bled off pres. ran tbq in hole circulated out sand from 5939 - Set packer at 5864, pulled 1 swab-well unloaded making gas & brackish water - Killed tbq. reset packer at 5787. Swab tbq. in, cleaned to pit and closed in prep. 7 day test.			
LOGS	LOG	LOGS	LOGS

SWF Perfs 7/2/60 5814-5914 w/80,000# 20-40 sand, 1,630 bbls. gelled water & 170 bbls. flush, ingestion rate 41.5 BPM. BD pressure 2400#, Csg. pressure 400# bled off press. ran tbq in hole circulated out sand from 5939 - Set packer at 5864, pulled 1 swab-well unloaded making gas & brackish water - Killed tbq. reset packer at 5787. Swab tbq. in, cleaned to pit and closed in prep. 7 day test.

