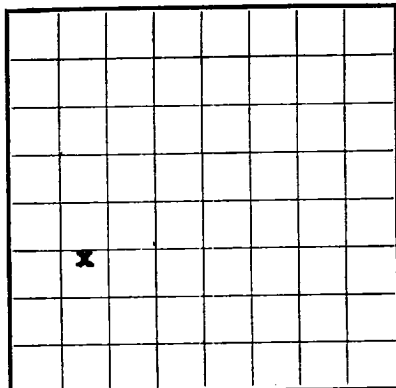




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE
SERIAL NUMBER **NE-080724-A**
LEASE OR PERMIT TO PROSPECTU. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company **SOUTHWEST PRODUCTION COMPANY** Address **c/o Oil Reports Box 763 Hobbs, N.M.**
Lessor or Tract **Zachary Federal** Field **Undisig Dakota Gas** State **New Mexico**
Well No. **1** Sec. **34** T. **29N** R. **10W** Meridian **NMPM** County **San Juan**
Location **1850** ft. **N** of **S** Line and **890** ft. **E** of **W** Line of **Sec. 34** Elevation **5707** 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 _____

Date **3/21/60** Title **Agent**

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

Commenced drilling **1/2/60**, 19____ Finished drilling **1/31/60**, 19____

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

No. 1, from **6480** to **6350** No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ 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	8	API	280'					Surface
5-1/2"	17								

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	302'	300	P&P		
5-1/2"	2 staged see below				

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

DATES

_____, 19____ 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. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2 copies electric logs attached			
Spudded well 1/2/60 Ran 103/4" csg to 302' cemented w/300 sx Reg 21			
1/31/60 Ran and set 17# 5-1/2" csg TD 6622' PBD 6586' 2 stages			
1st stage w/400 sx 50/50 poxmix 48 gal			
2nd stage—Cemented PC w/150 sx thru stage collar set at 2000'			
Perf: 6480-6524' w/4 1/2" J&PT 37/25,000 gal 1% CC H₂O 35,000# sand A/500 gals			
Perf: 6408-6450; 6340-6350 A/500 gal MCA 15% 40,000 gal 1% CC H₂O 1/2# gal			
per bbls. 45,000# sand Tubing at 6514.22'			
Formation Tops:			
Fruitland 1673			
Picture Cliff 1906			
Lewis 2014			
Cliff House 3575			
Manefee 3610			
Point Lookout 4232			
Mancos 4530			
Gallup 5448			
Greenhorn 6216			
Dakota 6338			
Morrison 6570			

