

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

LOCATE WELL CORRECTLY

Company Three States Natural Gas Company Address Box 67, Farmington, New Mexico
 Lessor or Tract Tribal Field Verde Gallup State New Mexico
 Well No. 12 Sec. 31 T. 31N R. 14W Meridian NPM County San Juan
 Location 660 ft. N. of N. Line and 660 ft. E. of W. Line of Sec. 31 Elevation 5564
 (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.

Original Signed By John Carothers

Date 7-5-60 Title Assistant District Supdt.

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

Commenced drilling ----- 5-24 -----, 19 60 Finished drilling ----- 6-7 -----, 19 60

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

No. 1, from 4660 to 4710 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 3370 to 2495 No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casting	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
2	4.7	8	JAN	127.87	ONE OF TWO	ONE OF TWO			
2	4.7	8	JAN	127.87	ONE OF TWO	ONE OF TWO			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	145'	100	HO-100		
5-7/2	4595	1st stage/50	2nd stage/125		
4-7/2	4716-4588				
2	1610				

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 4720 feet, and from 4720 feet to 4720 feet.

Cable tools were used from 0 feet to 4720 feet, and from _____ feet to _____ feet.

DATES

Put to producing -----, 19-----

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ %

emulsion; _____% water; and _____% sediment.

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

Rock pressure, lbs. per sq. in. 40.79 not

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	454	454	Shale Lewis
454	1551	1097	Sand & shale
1551	1830	279	Shale & shells
1830	2225	395	Sand & shale
2225	2566	341	Sandy shale Menefee 2260'
2566	4008	1442	Shale & sand Point Lookout 3370'
			Manos 3420'
4008	4047	39	Shale
4047	4412	365	Sand & shale Upper Gallup 4410'
4412	4598	186	Shale
4598	4720' T.D.	122	Shale Lower Gallup 4660'

