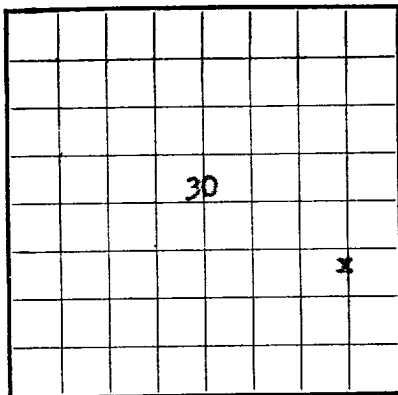
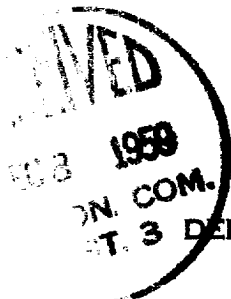




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Three States Natural Gas Company Address P. O. Box 67, Farmington, New Mexico
Lessor or Tract Tribal Field Verde-Gallup State New Mexico
Well No. 5 Sec. 30 T. 31N R. 14W Meridian NTPM County San Juan
Location 1650 ft. N. of S. Line and 660 ft. W. of E. Line of Sec. 30 Elevation 5524
(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 12-3-59 Title Assistant District Cpt.

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

Commenced drilling 10-18-59, 19____ Finished drilling 11-3-59, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4620 to 4655 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 2930 to 2980 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—	
4-1/2	12	8	J&L	184.16			4565	4665	liner
2	4.7	8	J&L	4495					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
3-5/8	136.85	80	HQ-60		
5-1/2	4506.98	1st stage 50 sx. 2nd stage 100 sx.	D.V.	3760	
4-1/2	4481-4665				
2-3/8	4495				

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

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. 40.5
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
0	272	272	Shale
272	370	98	Shale, coal
370	429	59	Sand, shale
429	751	322	Shale
751	909	158	Sand, shale
909	1268	359	Shale
1268	1520	252	Sand, shale
1520	1802	282	Shale
1802	1988	186	Sand, shale
1988	2190	202	Shale Top Mancos 2174'
2190	2490	300	Sand, shale
2490	2780	290	Shale
2780	3082	302	Sand, shale Top point Lookout 2930'
3082	3356	274	Shale Top Mancos 3040'
3356	3536	180	Sand, shale
3536	3716	180	Shale
3716	3938	222	Sand & shale
3938	4048	110	Shale & lime
4048	4240	192	Sand & shale
4240	4389	149	Shale Top Upper Gallup 4338'
4389	4472	83	Sand & shale
4472	4510	38	Shale
4510	4665 T.P.	155	Sand & shale Top Lower Gallup 4620'

FORMATION RECORD—Continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 8 rows of squares. The lines are thin and black, set against a white background. There are no markings or text on the page.

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 _____

Location of _____ ft. S. _____ ft. E. of _____ Line and _____ ft. W. _____ ft. N. of _____ Line of _____
Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____ County _____ State _____

Lessor or Tract _____

Company _____ Address _____ State _____

(Printed name relative to well location)

Completed drilling _____ 19____
The summary on this page is for the condition of the well at above date.
Date _____ Title _____

OIL OR GAS SANDS OR ZONES

(U) yd 250 16ms(6)

No. 1, from	to	No. 4, from	to
No. 2, from	to	No. 5, from	to
No. 3, from	to	No. 6, from	to

IMPORTANT WATER SAVING

No. 1, from	to	No. 3, from	to
No. 2, from	to	No. 4, from	to

CASING RECORD

Case No.	Weight per foot	Thickness per inch	Price	Amount	Kind of stone	Cut and buffed from	From— To—	Estimated	Remarks
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "struck" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.									

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

NUDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

Adapters—Material	Size	Length	Depth set
Heaving plug—Material			

SHOOTING RECORD

[illegible]

TOOT 2 USED

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

DATE

The production for the first 24 hours was emulsion; % water; and % sediment.	Part to producing
It gas well, cu. ft. per 24 hours	barrels of fluid of which % was oil.
Rock pressure, lbs. per sq. in.	Gallons gasoline per 1,000 cu. ft. of gas Gravity, °Be.

EMPLOYEES

	Driller	
	Driller	

FORMATION RECORD

[illegible]