Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

~~U. S. Land Office~~ Ute Mountain Tribal

Serial Number 14-20-604-84

Lease or Permit to Prospect

VED 1959 N. COM. T. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[Section plat: 30, well marked x]

LOCATE WELL CORRECTLY

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 NMPM County San Juan

Location 1650 ft. {N./S.} of S Line and 660 ft. {E./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 Supt.

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 From—	Perforated To—	Purpose
8-5/8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				Surface
5-1/2	[illegible]	[illegible]	[illegible]	[illegible]					Production
4-1/2	14	Flush Jt.		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
8-5/8	136.85	80	HOWCO		
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 0 feet to 4665 feet, and from feet to feet

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

DATES

, 19 Put to producing 12-2-59, 19

The production for the first 24 hours was 65 barrels of fluid of which 100 % 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 Menefee 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.D.	155	Sand & shale Top Lower Gallup 4620'

[OVER]

16—43094-4

Budget Bureau No. 42-R358.4
Approval expires 12-31-60.

Form 9-330

U. S. Land Office ....
Serial Number ....
Lease or Permit to Prospect ....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company .... Address ....
Lessor or Tract .... Field .... State ....
Well No. .... Sec. .... T. .... R. .... Meridian .... County ....
Location .... ft. {N/S} of .... Line and .... ft. {E/W} of .... Line of .... Elevation ....
(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 .... Title ....

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

Commenced drilling ...., 19.... Finished drilling ...., 19....

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

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 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 From—	Perforated To—	Purpose

HISTORY OF OIL OR GAS WELL

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 "sidetracked" 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.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

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

[OVER]

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

FOLD MARK