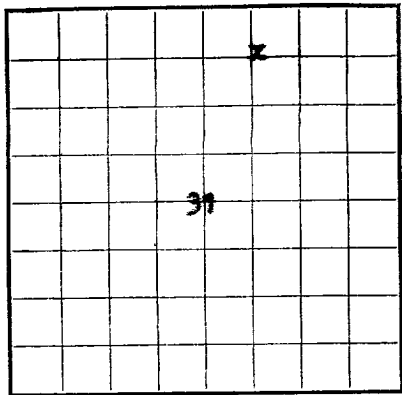
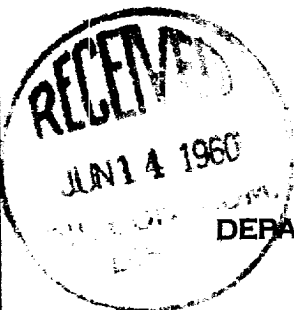


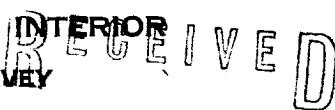
Ute Mountain Tribal
U. S. LAND OFFICE
SERIAL NUMBER 14-20-604-84
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL
DURANGO, COLO.

Company Three States Natural Gas Co. Address P. O. Box 67, Farmington, New Mexico
Lessor or Tract Tribal Field Verde Gallup State New Mexico
Well No. 10 Sec. 31 T. 31N R. 14W Meridian Range County San Juan
Location 660 ft. N. of 4 Line and 1810 ft. E. of 5 Line of Sec. 31 Elevation 5519
(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 Original Signed By John Carothers

Date 6-9-60 Title Assistant District Supt.

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

Commenced drilling 5-2-60, 1960 Finished drilling 5-15-60, 1960

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

No. 1, from 4712 to 4745 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 3210 to 3536 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—	
<u>8-5/8</u>	<u>22</u>	<u>10</u>	<u>J&L</u>	<u>163.27</u>	<u>Oil OK</u>	<u>OK</u>			<u>Liner</u>
<u>4-1/2</u>	<u>11</u>	<u>Hydral.</u>	<u>J&L</u>	<u>163.27</u>	<u>Oil OK</u>	<u>OK</u>			<u>Liner</u>
<u>2-3/8</u>	<u>4.7</u>	<u>10V</u>	<u>J&L</u>	<u>163.27</u>	<u>Oil OK</u>	<u>OK</u>			<u>Liner</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>142.50</u>	<u>100</u>	<u>NO/CO</u>		
<u>5-1/2</u>	<u>160</u>	<u>1st stage w/50 sz. 2nd stage w/125 sz.</u>	<u>D.M.</u>	<u>Pool set</u>	<u>3620</u>
<u>4-1/2</u>	<u>4733-4570</u>	<u>w/4 - 6" slots per ft. from 4733-4546</u>			
<u>2-3/8</u>	<u>1537</u>	<u>w/3" perf. nipple. Port nipple set 1535</u>			

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 4745 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing 6-7-60, 19____

The production for the first 24 hours was 37 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 40.7

If gas well, cu. ft. per 24 hours 37 Gallons gasoline per 1,000 cu. ft. of gas CCR = 38 cu. ft.
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>510</u>	<u>510</u>	<u>Shale</u> <u>Louis</u>
<u>510</u>	<u>925</u>	<u>415</u>	<u>Shale & sand</u>
<u>925</u>	<u>1418</u>	<u>493</u>	<u>Shale & shells</u>
<u>1418</u>	<u>1722</u>	<u>304</u>	<u>Shale</u>
<u>1722</u>	<u>2082</u>	<u>360</u>	<u>Shale & sand</u>
<u>2082</u>	<u>2533</u>	<u>451</u>	<u>Shale</u> <u>Donofee 2350</u>
<u>2533</u>	<u>2747</u>	<u>214</u>	<u>Shale & sand</u>
<u>2747</u>	<u>3149</u>	<u>402</u>	<u>Shale & coal</u>
<u>3149</u>	<u>3149</u>	<u>300</u>	<u>Shale</u> <u>Point lookout 3210</u>
<u>3149</u>	<u>4114</u>	<u>665</u>	<u>Sand & shale</u> <u>Lancos 3400</u>
<u>4114</u>	<u>4390</u>	<u>276</u>	<u>Shale</u>
<u>4390</u>	<u>4550</u>	<u>160</u>	<u>Shale & sand</u> <u>Cover Gallup 4454</u>
<u>4550</u>	<u>4745 T.F.</u>	<u>195</u>	<u>Shale</u> <u>Lower Gallup 4712</u>

