Form 9-330

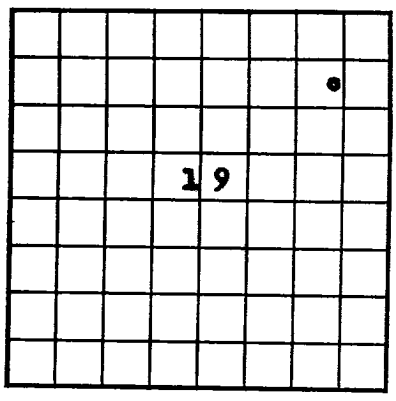
Budget Bureau No. 42-R355.1.
Approval expires 11-30-49.

U. S. Land Office Santa Fe
Serial Number 078046
Lease or Permit to Prospect Lee

RECEIVED
JUN 2 8 1952
OIL CON. COM.
DIST. 3

RECEIVED
MAY 20 1952
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Three States Natural Gas Co. Address Farmington, New Mexico

Lessor or Tract J. F. Hughes Field Blanco State New Mexico

Well No. 2 Sec. 19 T. 29 N R. 8 W Meridian NMPM County San Juan

Location 990 ft. {N.} of N Line and 800 ft. {E.} of E Line of Sec 19, 29N, 8W Elevation 6536 KB
(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 V. H. Zabel

Date May 20, 1952 Title Geologist

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

Commenced drilling April 4, 19 52 Finished drilling May 1, 19 52

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

G No. 1, from 4725 to 4827 No. 4, from ____ to ____

G No. 2, from 4840 to 5325 No. 5, from ____ to ____

G No. 3, from 5325 to 5470 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
10-3/4	40.5#	8 rd.	J & L	154.52'	Howco	Cemented			Surface
7"	23#	8 rd.	J & L	4682.89'	Halliburton	Cemented			Intermed.
4-1/2	9.5#	8 rd.	J & L	5515.29'	Howco	Cemented	5311.5'	5515.29'	Prod. tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	167'	150	Howco	Water	Circulated
7"	4682'	250	Halliburton		

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
5"		Nitro-gel	540 qts	5/2/52	4735-4870	
3"		" "	682 "	5/2/52	4870-5325	
5"		" "	524 "	5/2/52	5325-5456	5470
4"		" "	42 "	5/2/52	5456-5470	

TOOLS USED

Rotary tools were used from Surface feet to 5515 feet, and from ____ feet to ____ feet

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

DATES

May 5, 19 52 Put to producing (Shut-in for line), 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 3,280 MCF Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. 1062#

EMPLOYEES

W. H. Ruble, Driller E. H. Copeland, Driller

T. L. Garner, Driller Lee Wald Pusher ~~Driller~~

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2195'	2195'	Sand & shale (Mostly sand)
*Top Kirtland			
2195'	2845'	650'	Shale with sand breaks.
*Top Fruitland			
2845'	3118'	273'	Shale & coal with sand breaks
*Top Pict. Cliff			
3118'	3170'	52'	Sand
3170'	3250'	80'	Sand, shaley sand & shale
*Top Lewis			
3250'	4655'	1405'	Silt & shale
4655'	4725'	70'	Sand, silt & shale
*Top Cliff House			
4725'	4827'	102'	Sand with shale breaks
*Top Menefee			
4827'	5325'	498'	Sand & shale
*Top Point Lookout			
5325'	5430'	105'	Sand with shale breaks
5430'	5472'	42'	Sand & shale
*Top Mancos			
5472'	5515' (TD)	43'	Shale

*Schlumberger tops.

(OVER)

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

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 ...

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—	To—	Purpose

HISTORY OF OIL OR GAS WELL

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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 52 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)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION