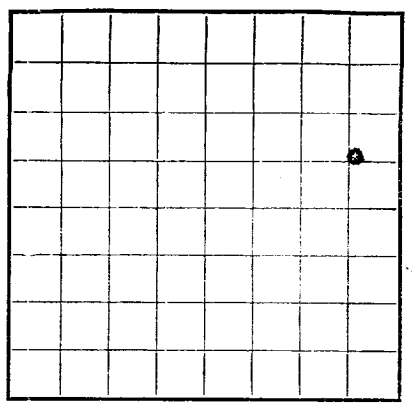
Form 9-330

Bureau No. 42-R355.2.
al expires 12-31-52.

COPY TO O. C. C.

U. S. LAND OFFICE Las Cruces, N.M.
SERIAL NUMBER NMO4941
LEASE OR PERMIT TO PROSPECT Thorn Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Stanolind Oil and Gas Company Address Box 68, Hobbs, New Mexico

Lessor or Tract Thorn Unit Field Wildcat State New Mexico

Well No. 1 Sec. 15 T. 21-S R. 14-E Meridian N.M.P.M. County Otero

Location 1980 ft. [N.] of N Line and 660 ft. [W.] of E Line of Section 15 Elevation DF 6400' est.
(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 Ralph H. Hendricks

Date 8-30-54 Title Field Superintendent

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

Commenced drilling 7-3, 19 53 Finished drilling 9-4, 19 54

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
13-3/8	36#	8R	Armco	294	Guide				Surface
9-5/8	32.3#	8R	N-80	2788	Guide				Intermediate

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	305	150 4% gel & 150 sx.	Howco Plug		
9-5/8	2803	200 4% gel & 100 sx.	Howco Plug		

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 4646 feet, and from ____ feet to ____ feet

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

DATES

____, 19____ Put to producing See Below * , 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

D. C. Box, Driller C. F. Keel, Driller

J. E. Hammock, Driller W. C. Welch, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	159	159	Lime
159	1021	862	Dolomite
1021	2399	1378	Lime
2399	2565	166	Dolomite
2565	2703	138	Red Shale and Lime
2703	2820	117	Dolomite
2820	3698	878	Shale and Lime
3698	3749	51	Chert and Red Shale
3749	3900	151	Lime and shale
3900	3915	15	Chert and Lime
3915	4032	117	Lime and Shale
4032	4085	53	Lime and Shale
4085	4280	195	Lime and Shale
4280	4314	34	Lime
4314	4385	71	Lime
4385	4410	25	Lime and cherty Shale
4410	4574	164	Lime and Shale
4574	4581	7	Chert and Lime
4581	4595	14	Shale
4595	4610	15	Chert & Lime
4610	4646	36	Lime and Shale

*Temporarily abandoned - See Form 9331A dated September 29, 1953

[OVER]

16—43094-2

FOLD

MARK

Form 9-330

Bureau No. 42-R355.2.
Approval expires 12-31-52.

U. S. Land Office Las Cruces, N. M.
Serial Number [illegible]
Lease or Permit to Prospect [illegible] Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Standline Oil and Gas Company Address Box [illegible], [illegible], New Mexico

Lessor or Tract Thorn Unit Field Wildcat State New Mexico

Well No. 1 Sec. 15 T. 21-S R. 14-E Meridian N.M.P.M. County Otero

Location 1980 ft. of N Line and 660 ft. of W Line of Section 15 Elevation [illegible]
(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 [signature]

Date 1-30-54 Title Field Superintendent

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

Commenced drilling 7-3, 1953 Finished drilling [illegible], 1954

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
13-3/8	36#	8	Armco	[illegible]	Guide				[illegible]

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.

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	365	150 [illegible]	[illegible]		
7-5/8	[illegible]	100 [illegible]	[illegible]		

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 [illegible] feet, and from .... feet to .... feet

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

DATES

........, 19.... Put to producing [illegible], 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

[illegible] Cox, Driller [illegible] Reel, Driller

[illegible] [illegible], Driller [illegible] Welch, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	159	159	Lime
159	1021	862	Dolomites
1021	2395	1374	Lime
2395	[illegible]	[illegible]	Dolomite
2515	2705	190	Red Shale and Lime
2705	2820	117	Dolomite
2820	3698	878	Shale and Lime
3698	3749	51	Chert and Red Shale
3749	3900	151	Lime and Shale
3900	3915	15	Chert and Lime
3915	4032	117	Lime and Shale
4032	4085	53	Lime and Shale
4085	4280	195	Lime and Shale
4280	4314	34	Lime
4314	4385	71	Lime
4385	4410	25	Lime and cherty Shale
4410	4574	164	Lime and Shale
4574	4581	7	Chert and Lime
4581	4595	14	Shale
4595	4610	15	Chert & Lime
4610	4646	36	Lime and Shale

[illegible]

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2