Form 9-330

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

U. S. Land Office ____
Serial Number NM 25733
Lease or Permit to Prospect ____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company O. H. Randel. Address Box 88, Carlsbad, N. M.

Lessor or Tract Federal Root Field Square Lake State New Mexico.

Well No. 6-1 Sec. 1 T. 17S R 29E Meridian NMPM County Eddy

Location 2310 ft. South of N Line and 1650 ft. W. of E Line of Sec 1-17S-29E Elevation 3682 (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 O H Randel

Date April 9, 1960 Title Operator.

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

Commenced drilling February 28, 1960 Finished drilling March 28, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2654 to 2662 (Gas) No. 4, from ____ to ____

No. 2, from 2684 to 2693 (Oil) No. 5, from ____ to ____

No. 3, from ____ to ____ No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from 2025 to 2048 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	24		Used	540'	Halliburton				
5 1/2	14		new	2724	Float Shoe				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	540'	50	Denton Oil Well Cementing Co.,		
5 1/2	2724	100 3 Gallon Latex	Denton Oil Well Cementing Co.,		

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 2724 feet, and from ____ feet to ____ feet

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

DATES

____, 19__ Put to producing April 8, 1960

The production for the first 24 hours was 100 barrels of fluid of which 36 % 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

Tom Boyd Drilling Co

____, Driller ____, Driller

____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	400	400	Red Beds and Sand.
400	525	125	Anhydrite and shale
525	835	310	Salt, potash and shale,
835	2025	1190	Anhydrite and shale,
2025	2048	23	Red Sand.
2048	2430	382	Anhydrite and Shale,
2430	2554	124	Lime.
2554	2654	100	Lime.
2654	2662	8	Sandy lime, gas.
2662	2684	22	Lime.
2684	2698	14	Premier sand, carrying oil.
2698	2724	26	Lime. T. D.

Budget Bureau No. 42-R356.1
Approval expires 12-31-[illegible]

Form 9-330

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

RECEIVED
[illegible]
O. C. C.
ARTESIA, OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company [illegible] Address Box [illegible], [illegible]

Lessor or Tract Federal [illegible] Field Square Lake State New Mexico.

Well No. [illegible] Sec. [illegible] T. 17S R. 29E Meridian N.M.P.M. County Eddy

Location [illegible] ft. {N./S.} of [illegible] Line and [illegible] ft. {E./W.} of [illegible] Line of Sec. [illegible] Elevation [illegible]

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 [illegible]

Date [illegible] Title Operator.

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

Commenced drilling [illegible] 28, 19[illegible] Finished drilling [illegible], 19[illegible]

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from [illegible] to [illegible] No. 4, from .... to ....

No. 2, from [illegible] to [illegible] Oil 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 ....

Pipe perforated by Dowell using Apresi jet gun with three holes at 2708' and three holes 2699'. Well treated with 24,000 lbs of 20-40 sand and [illegible] of oil

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
[illegible]	[illegible]								
5 1/2	14								

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
[illegible]	54[illegible]	[illegible]	Halliburton		[illegible]
5 1/2	[illegible]	100	Halliburton		[illegible]
		3 gallon latex			

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 [illegible] 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 [illegible]% 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], Driller ...., Driller

........, Driller ...., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	[illegible]	400	Red beds [illegible]
40[illegible]	[illegible]	125	Anhydrite and shale
52[illegible]	[illegible]	310	Salt, potash [illegible] shale
[illegible]35	2025	1190	Anhydrite and shale.
2025	[illegible]	23	Red sand.
2[illegible]4[illegible]	2430	382	Anhydrite [illegible]
2430	[illegible]	124	Lime.
2554	[illegible]	100	Lime.
[illegible]	[illegible]	[illegible]	Sandy lime, [illegible].
[illegible]	[illegible]	22	Lime.
[illegible]	[illegible]	15	Premier sand, [illegible] oil.
[illegible]	[illegible]	20	Lime. [illegible].

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-4