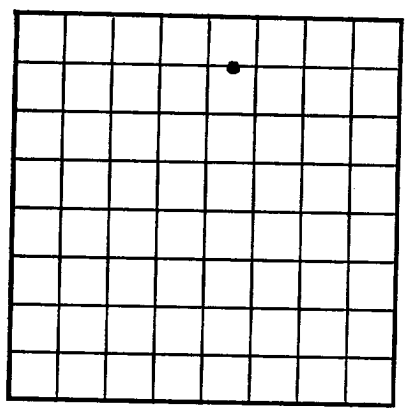
Form 9-330 b

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

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032510 (b)
LEASE OR PERMIT TO PROSPECT Gregory Permit (Dublin # 5)



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company R. OLSEN OIL COMPANY Address Drawer "Z", Jal, New Mexico

Lessor or Tract Gregory Per. Dublin Field So. Leonard State New Mexico

Well No. 5 Sec. 24 T. 26S R. 37E Meridian N. M. P. M. County Lea

Location 660 ft. {N./S.} of North Line and 2310 ft. {E./W.} of E Line of Sec. 24 Elevation 3004
(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 Dewey Watson

Date October 16, 1950 Title Geol. Engr.

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

Commenced drilling September 18, 1950 Finished drilling October 15, 1950

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3422 to 3475 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
8 5/8	36	8	Natl	300	Homco				Surface
5½	14	8		3445	Homco				Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	300	200	HOWCO		
5½	3245	400	HOWCO * 200 sks at shoe-200 thru 2 stage tool set at 1250. Cir. to surface.		

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
		Nitro	110 qts	10-15-50	3421 to 3475	3477

TOOLS USED

Rotary tools were used from 0 feet to 3477 feet, and from ____ feet to ____ feet

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

DATES

October 16, 1950 Put to producing October 15, 1950

The production for the first 24 hours was 77 barrels of fluid of which 100 % was oil; ____ % emulsion; ____ % water; and ____ % sediment. Gravity, °Bé. 38

If gas well, cu. ft. per 24 hours ____ Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

Arthur Stine, Driller A. Chance, Driller

Laddel Ellis, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	165	165	Sand
165	320	155	Red beds and shale
320	345	25	" " " Sand
345	800	455	Sand and red beds
800	915	115	Red beds and sand
915	1040	125	Sand and Anhy.
1040	1340	300	Anhy & Red Beds
1340	2440	1100	Anhy. & Salt
2440	2472	32	Anhy.
2472	2518	46	Anhy. & Lime
2518	3328	810	Lime
3328	3422	94	Lime
3422	3433	11	Sand
3433	3475	42	Sand & Lime
3475	3477	2	Lime.

Geological tops

T. Anhy. 976
B. Salt 2452
T. Yates 2640
T. Queens 3350

(over)

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD

Driller ..... Driller .....

Driller ..... Driller .....

EMPLOYEES

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

Gallons gasoline per 1,000 cu. ft. of gas .....

If gas well, cu. ft. per 24 hours .....

Gravity, °Bé. .....

Christian name ..... % water; and ..... % sediment.

The production for the first 24 hours was ..... barrels of fluid of which ..... % was oil; ..... %

Put to producing ..... 19..... Last to producing ..... 19.....

DATES

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

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

TOOLS USED

Depth cleaned out	Depth shot	Date	Quantity	Explosive used	Shell used	Size

SHOOTING RECORD

Adapters—Material ..... Size .....

Leaving plug—Material ..... Length ..... Depth set .....

PLUGS AND ADAPTERS

Size	Kind	Length	Depth set

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

MUDDING AND CEMENTING RECORD

16—43094-1 U. S. GOVERNMENT PRINTING OFFICE

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.

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated: From—	Perforated: To—	Purpose

No. 1, from ..... to ..... No. 4, from ..... to .....

No. 2, from ..... to ..... No. 5, from ..... to .....

IMPORTANT WATER SANDS

No. 1, from ..... to ..... No. 4, from ..... to .....

No. 2, from ..... to ..... No. 5, from ..... to .....

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

(Denote gas by G)

OIL OR GAS SANDS OR ZONES

No. 1, from ..... to ..... No. 4, from ..... to .....

No. 2, from ..... to ..... No. 5, from ..... to .....

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

EMPLOYEES

Driller ..... Driller .....

Driller ..... Driller .....

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

If gas well, cu. ft. per 24 hours .....

Gallons gasoline per 1,000 cu. ft. of gas .....

Christian name ..... % water; and ..... % sediment.

The production for the first 24 hours was ..... barrels of fluid of which ..... % was oil; ..... %

Put to producing ..... 19..... Last to producing ..... 19.....

DATES

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

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

TOOLS USED

Depth cleaned out	Depth shot	Date	Quantity	Explosive used	Shell used	Size

SHOOTING RECORD

Adapters—Material ..... Size .....

Leaving plug—Material ..... Length ..... Depth set .....

PLUGS AND ADAPTERS

Size	Kind	Length	Depth set

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

MUDDING AND CEMENTING RECORD

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LEASE OR PERMIT TO PROSPECT .....

SERIAL NUMBER .....

U. S. LAND OFFICE .....

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 .....

Title .....

Date .....

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

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

FORM 9-330