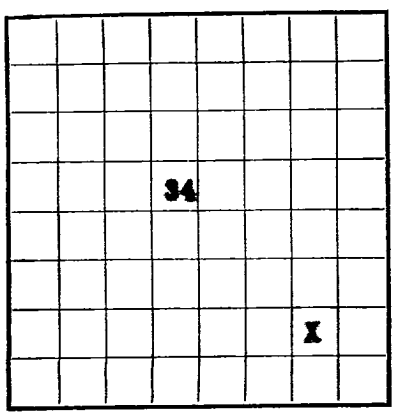
Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Form 9-330

U. S. LAND OFFICE .....
SERIAL NUMBER .....
LEASE OR PERMIT TO PROSPECT 154
CONTRACT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Ohio Oil Company Address Box 120, Casper, Wyoming
Lessor or Tract Jicarilla Field So. Blanco PC State New Mexico
Well No. 4 Sec. 34 T. 26N R. 5W Meridian ..... County Rio Arriba
Location 990 ft. {N. / S.} of S Line and 990 ft. {E. / W.} of E Line of Section 34 Elevation 6654 (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 .....

Date February 12, 1957 Title Division Production Supt.

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

Commenced drilling October 26, 19 55 Finished drilling November 14, 19 55

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2978 to 3068 (G) 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 .....

FEB 26 '57 OIL CON. COM. DIST. 3

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	32.75	8rd		152.69	Guide				Surface
7	[illegible]	8rd		[illegible]	Float				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	160.29	125			
7	2985	150			

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 2985 feet, and from ..... feet to ..... feet
Cable tools were used from 2985 feet to 3068 feet, and from ..... feet to ..... feet

DATES

....., 19..... 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 5450 Mcf Gallons gasoline per 1,000 cu. ft. of gas .....
Rock pressure, lbs. per sq. in. 998

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			SCHLUMBERGER FORMATION TOPS Kirtland - 2606 Fruitland - 2753 Pictured Cliffs - 2978 SAND-FRACING OPERATIONS Sand fraced from 2985-3068 with 44,500# sand and 34,860 gallons water. Average injection rate 35.9 Bbls./Minute. Maximum pressure - 2400#, final pressure - 900#. Flushed with 6300 gallons water.

FOLD | MARK

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

CASING RECORD

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

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 .....

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 .....

DIST. 3
OIL CON. COM.
FEB 20 1951

HISTORY OF OIL OR GAS WELL

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

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	To	Purpose
13 3/8"	48#	8		250'					
10 3/4"	32.75#			2,500'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud fluid	Amount of mud used
13 3/8"	250'	150			
10 3/4"	2,500'	750			

PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material ..... Size .....

SHOOTING RECORD

Date	Depth shot	Quantity	Explosive used	Quantity	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

The production for the first 24 hours was ..... barrels of fluid of ..... % was oil; ..... % emulsion; ..... % water; and ..... % sediment. Gravity, °Be

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

Date ..... Title .....

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 .....

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

MUDDING AND CEMENTING RECORD

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

PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material ..... Size .....

SHOOTING RECORD

Date	Depth shot	Quantity	Explosive used	Quantity	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

The production for the first 24 hours was ..... barrels of fluid of ..... % was oil; ..... % emulsion; ..... % water; and ..... % sediment. Gravity, °Be

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

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LEASE OR PERMIT TO PROSPECT .....
SERIAL NUMBER .....
LAND OFFICE .....

Company ..... Address .....

Lessor or Farm ..... 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.

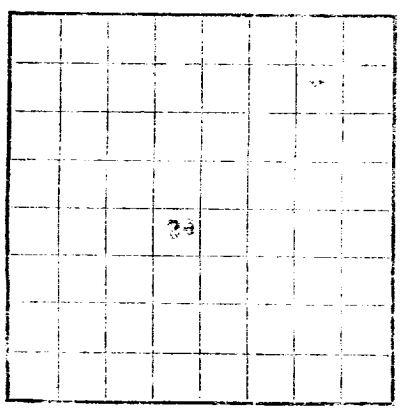
Signed .....

Date ..... Title .....

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

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

LOCATE WELL CORRECTLY



Form 9-330

MARK | FORD