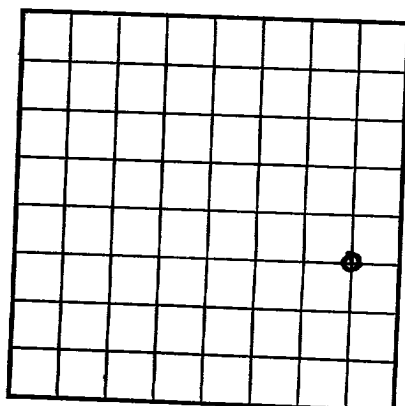
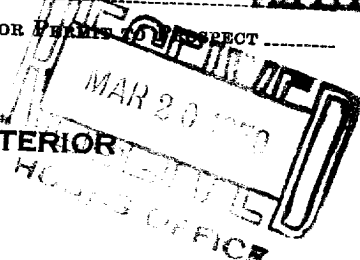


Las Cruces

U. S. LAND OFFICE 063965

SERIAL NUMBER Phillips

LEASE OR RIGHTS TO EXTRACT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company **Calbertson & Irwin, Inc.** Address **Box 1071, Midland, Texas**
Lessor or Tract **Phillips** Field **Langlie-Wattix** State **New Mexico**
Well No. **2** Sec. **24** T. **24** R. **36** Meridian **N.M.P.M.** County **Lea**
Location **1980** ft. (N. of S. Line and **660** ft. (E. of W. Line of **Sec. 24** Elevation **3306** ft.
(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.

Date **March 15, 1950**Signed **[Signature]**
Title **President**

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

Commenced drilling **Feb. 23**, 19**50** Finished drilling **March 12**, 19**50**OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **3025** to **3035** No. 4, from **3120** to **3125**
No. 2, from **3060** to **3070** No. 5, from **3210** to **3215**
No. 3, from **3090** to **3100** 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		Purpose
							From—	To—	
8 5/8"	32	8	302	302	T.P.				Surface
If the well has been plugged, state the date, size, position, and number of plugs. If the well has been abandoned, state the date, size, position, and number of plugs. If the well has been abandoned, state the date, size, position, and number of plugs.									
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	302	125	Halliburton Cement	"	Circulated
5 1/2"	2995	400	"	"	200 sack around shoe
					200 sack thru 2-stage
					tool 1187'.

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 **3220** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing **March 13**, 19**50**
The production for the first 24 hours was **66** barrels of fluid of which **100** % was oil; **0** % emulsion; **0** % water; and **0** % sediment.
Gravity, °Bé. **37.0**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **Production test thru 12/64" choke. C.P. 520**

CONTRACTOR'S EMPLOYEES
J.Y. Haynes, Driller
G.O. Blackledge, Driller
T.C. Reese, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	30	30	Sand & caliche
30	105	75	Sand & gravel
105	250	145	Red & gray shale
250	400	150	Redbed
400	700	300	Red & gray shale
700	850	150	Sand & red bed
850	1130	280	Red rock
1130	1240	110	Anhydrite
1240	1300	60	Salt
1300	1525	225	Salt, anhydrite & red rock
1525	1560	35	Anhydrite
1560	1635	75	Salt
1635	1660	25	Anhydrite
1660	1730	70	Salt
1730	1760	30	Anhydrite
1760	1910	150	Sand & shale
1910	1970	60	Anhydrite
1970	2200	230	Anhydrite
2200	2240	40	Anhydrite
2240	2300	60	Anhydrite
2300	2330	30	Anhydrite
2330	2370	40	Anhydrite
2370	2400	30	Anhydrite
2400	2500	100	Anhydrite
2500	2600	100	Anhydrite
2600	2820	220	Salt

FORMATION RECORD—Continued

PLEASE OR PERMIT TO PROSPECT
SERIAL NUMBER
U. S. LAND OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 8 rows of squares. A small black dot is located at the intersection of the second column from the left and the fourth row from the bottom.

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.

Location of _____ of _____ Line and _____ of _____ of _____

Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____

County _____ State _____

Address _____

Company _____

Date _____
 Title _____
 The summary on this page is for the condition of the well at above date.
 Commenced drilling _____
 Finished drilling _____
 19____

OIL OR GAS SANDS OR ZONES

(c) yd any stores?

IMPERSONAL		PERSONAL	
No. 1 from	1000	No. 1 from	1000
No. 2 from	1000	No. 2 from	1000
No. 3 from	1000	No. 3 from	1000
No. 4 from	1000	No. 4 from	1000
No. 5 from	1000	No. 5 from	1000
No. 6 from	1000	No. 6 from	1000
No. 7 from	1000	No. 7 from	1000
No. 8 from	1000	No. 8 from	1000
No. 9 from	1000	No. 9 from	1000
No. 10 from	1000	No. 10 from	1000

IMPORTANT WATER SANDS

No. 1 from _____ to _____ No. 2 from _____ to _____

CASING RECORD

[illegible]

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.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

NUDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

[illegible]

SHOOTING RECORD

[illegible]

TOOLS USED

[illegible]

DATE

Put to producing barrels of fluid of which 200 % was oil; 5 % Gravity, 86. Gallons gasoline per 1,000 cu. ft. of gas	The production for the first 24 hours was emulsion; 2 % water; and 2 % sediment. It gas well, cu. ft. per 24 hours
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EMPLOYEES

Driller	Driller
Driller	Driller

FORMATION RECORD

FORMATION	TOTAL FEET	TO	FROM
1000	1000	1000	1000
900	900	900	900
800	800	800	800
700	700	700	700
600	600	600	600
500	500	500	500
400	400	400	400
300	300	300	300
200	200	200	200
100	100	100	100
0	0	0	0

FORMATION RECORD—Continued