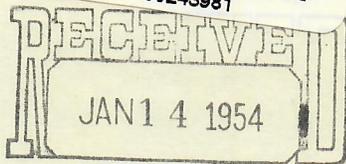


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OIL & GAS
CONSERVATION COMMISSION

Indicate on Fee and Patented lands and in
quadrants on State and School lands, with

OFFICE OF DIRECTOR
OIL AND GAS CONSERVATION COMMISSION,
STATE OF COLORADO

423-2

LOG OF OIL AND GAS WELL

Field Lewis Creek Company British-American Oil Producing Co.
 County Logan Address 301 Insurance Bldg., Denver, Colo.
 Lease Union Pacific
 Well No. 1 Sec. 13 Twp. 11N Rge. 53W Meridian 6 P M State or Pat. Patented
 Location 330 Ft. (S) of North Line and 1650 Ft. (W) of East line of NE/4 Elevation 4582' KB
 (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]
 Title District Engineer

Date January 13, 1954

The summary on this page is for the condition of the well as above date.
 Commenced drilling July 25, 1953 Finished drilling August 6, 1953

OIL AND GAS SANDS OR ZONES

No. 1, from "D" 5209 to _____ No. 4, from _____ to _____
 No. 2, from "J" 5369 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	WT. PER FOOT	MAKE	WHERE LANDED	NO. OF SKS. CEMENT	STOOD HOURS	PRESSURE TEST PSI
9-5/8	25.4	Armco	213	160	24	400 PSI - 30 mins.
5-1/2	15.5	J-55	5415	250	72	500 PSI - 30 mins.

COMPLETION DATA

Total Depth 5416 -PBD 5404 ft. Cable Tools from 5356 to 5404 Rotary Tools from 0 to 5416
 Casing Perforations (prod. depth) from 5367 to 5377 ft. No. of holes 4 per foot
 Acidized with -- gallons. Other physical or chemical treatment of well to induce flow _____
 Shooting Record _____

Prod. began August 15, 1953 Making 194 bbls./day of 39 A. P. I. Gravity Fluid on 21/64 Choke. Pump
 Tub. Pres. 25 lbs./sq. in. Csg. Pres. 0 lbs./sq. in. Gas Vol. 61.0 Mcf. Gas Oil Ratio 331/1
 Length Stroke _____ in. Strokes per Min. _____ Diam. Pump _____ in.
 B. S. & W. _____ % Gas Gravity _____ BTU's/Mcf. _____ Gals. Gasoline/Mcf. _____

WELL DATA

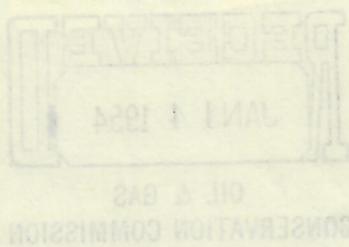
Indicate (yes or no) whether or not the following information was obtained.
 Electrical Log Yes Date August 6, 1953 Straight Hole Survey Yes Type Totco
 _____ Date _____ 19 _____ Other Types of Hole Survey _____ Type _____
 Time Drilling Record 11.5 Days (Note—Any additional data can be shown on reverse side.)
 Core Analysis Yes Depth 5210 to 5260
5330 to 5416

FORMATION RECORD

Show all formations, especially all sands and character and contents thereof.

FORMATION	TOP	BOTTOM	REMARKS
Surface soil	0	190	
Shale & Shells	190	220	
Shale	220	575	
Shale & Bentonite	575	1675	
Shale	1675	2430	
Shale & Shells	2430	2895	
Shale	2895	3170	
Shale & Shells	3170	4395	

FORMATION	TOP	BOTTOM
Niobrara	4395	4700
Lime	4700	4715
Ft. Hays Lime	4715	4749
Lime & Shale	4749	4800
Shale	4800	4966
Greenhorn	4966	5000
Shale & Lime	5000	5188
Shale	5188	5210
Sand	5210	5260
Shale	5260	5278
Shale & Sand	5278	5330
Sand & shale	5330	5416



Location 330
 Well No. 1
 Sec. 13
 Twp. 11N
 R. 23W
 Co. Logan
 State of Iowa

Date January 13, 1954
 Title District Engineer
 Signed [Signature]

Completed during July 25, 1953
 August 6, 1953
 The summary on this page is for the condition of the well as above date

SIZE	WT. PER FOOT	MAKE	WHEN LANDED	NO. OF SRS. CEMENT	STOOD HOURS	PRESURE TEST PSI
2-1/2	15.2	1-25	5115	250	75	500 PSI - 30 mins.
2-5/8	25.4	Aringo	5113	100	30	100 PSI - 30 mins.

COMPLETION DATA
 Total Depth 5416 - 5116 ft. Cable Tools from 5330 to 5416
 Casing Extension (prof. depth) from 5330 to 5416
 No. of holes 4 per foot

WELL DATA
 A & W
 R. Gas Gravity
 BTU/Mol
 Gas Gasoline/Mol
 Diam. Pump
 in. Stroke per Min.
 The Test 25
 lbs. in. Gas Press. 0
 lbs. in. Gas Vol. 61.0
 Mol. Gas Oil Ratio 333/1
 Prod. began August 12, 1953
 39 A. P. I. Gravity
 62.1 API Gravity
 333/1

Time Drilling Record 11.5 Days
 Core Analysis Yes
 Depth 5210 to 5260
 5330 to 5416
 Electrical Log Yes Date August 6, 1953
 Stratigraphic Hole Survey Yes
 Type Loggeo
 Other Types of Hole Survey
 (Note - Any additional data can be shown on reverse side)

FORMATION RECORD

Show all formations, especially all sands and coals, and contents located

FORMATION	TOP	BOTTOM	REMARKS
Surface soils	0	190	
Shale & Shells	190	250	
Shale	250	275	
Shale & bentonite	275	310	
Shale	310	385	
Shale & Shells	385	410	
Shale	410	435	
Shale & Shells	435	470	