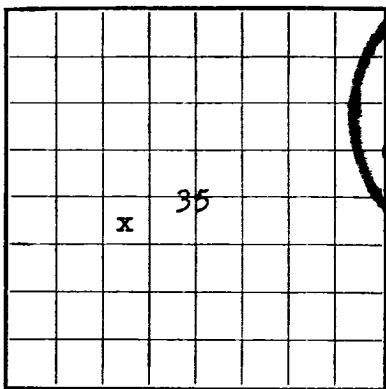


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078155
LEASE OR PERMIT TO PROSPECT
Gov. Marye

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The British-American Oil Producing Co. Address Box 180 - Denver 1, Colorado
Lessor or Tract Marye "B" Field Bisti-Gallup State New Mexico
Well No. B-4 Sec. 35 T. 26NR. 13W Meridian New Mexico P.M. County San Juan
Location 1990 ft. [N.] of S. Line and 1960 ft. [E.] of W. Line of SW/4 Elevation 6237
(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]

Date April 25, 1957 Title District Engineer

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

Commenced drilling March 28, 1957 Finished drilling April 21, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)
No. 1, from Pictured Cliffs ss @ 1235 No. 4, from Mancos xxx @ 3890
No. 2, from Chacra ss to 1555 No. 5, from Gallup ss to 4814
No. 3, from Pt. Lookout ss to 3725 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-	
9-5/8	25.4	Slip Jt.	Armco	200'	Texas				
5-1/2	14	8 Rd	J-55	5077'	Baker		4908	4924	
							4970	4990	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	214 KB	200	Rocky Mtn. Cementers		
5-1/2	5049 KB	100	HOWCO		

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 5050 KB feet, and from feet to feet
Cable tools were used from 4964 feet to 5025 KB feet, and from feet to feet

DATES

, 19 Put to producing April 22, 1957

The production for the first 24 hours was 161 barrels of fluid of which no % was oil; no % emulsion; no % water; and no % sediment. Gravity, °Bé. 38.1

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Foree Drilling Company, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
PBD - 5025 KB			Loaded hole with 40 barrels oil. Perforated 4908-4924 and 4970-4990 with 4 jets per foot. Swabbed casing 10 hours, recovered 40 barrels load oil and 35 barrels new oil. Swabbed new oil at rate of 3 barrels per hour. Fracked down casing with 30,000 pounds sand and 30,000 gallons oil. Injected 26 nylon balls with each stage of 5,000 pounds sand. Total load oil used: 1,041 barrels. Well flowed 3 barrels load oil. Cleaned out 30 ft sand. Swabbed casing 12 hours, recovered 491 Barrels load oil. Cleaned out 20 ft sand. Swabbed 8 hours at 40 barrels load oil per hour. Well kicked off and flowed, recovered all barrels load oil and 220 barrels new oil. Killed well, ran tubing and pumping equipment. Initial production: 145 Barrels Oil in 17 hours - 12 x 54.

DRILLERS FORMATION RECORD

0	215		Sand & Surface Gravel
215	1818		Sand & Shale
1818	2400		Sandy Shale
2400	2725		Sand & Shale
2725	3326		Sandy Shale
3326	3460		Sandy Shale with Coal Streaks
3460	3680		Sand & Shale
3680	3900		Sandy Shale with Coal Streaks
3900	4010		Sand & Shale
4010	4166		Shale with Sandy Streaks
4166	4895		Shale
4895	5018		Sand & Shale
5018	5050		Sandy Shale

Logs Attached (OVER)
2 - Induction - Electrical log
2 - Microlog

UNITED STATES
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GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

_____ Date: 25.11.2019
_____ The summary on page 14 for the condition of the well as above and
_____ 25.11.2019

NO. 100-443887-100

No. 6. front	lookout	to	3785	No. 6. front	
No. 5. front	Opener	to	1555	No. 5. front	deline
No. 4. front	top	of	1635	No. 4. front	manoeuv
No. 3. front	xxxx	to	3390	No. 3. front	xxxx

2014-2015 SEAW TRACTIONS

CORRECTION

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 "retacked" 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, or test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Case No.	Where Met	Number and of persons	Where Met	Where Met
8/5	SA	100	100	100
8/5	SA	100	100	100

PLACES AND ADDRESSES

Adapter—Materal	Size	Length	Depth set
Living plug—Materal			

SHOOTING RECORD

[illegible]

TOOLS USED

10000	feet to 5025	feet and main	feet
10000	feet to 5025	feet and main	feet

SETAC

The production for the first 6 hours was 101 tons per day. The production for the next 6 hours was 98.1 tons per day.

2019-2020

	Differ	Force Milling Company	Differ
	Differ		Differ

FORMATION RECORD

NOTATIONS REFERENCES -OT -RUEH

[illegible]

ALDORE, VOLTARDO, LACOSTA

FROM-	TO-	TOTAL FEET	FORMATION
0	212	212	Hard & Shale
212	1812	1600	Hard & Shale
1812	2400	688	Hard & Shale
2400	2722	322	Hard & Shale
2722	3222	500	Hard & Shale
3222	3460	238	Hard & Shale
3460	3600	140	Hard & Shale
3600	3900	300	Hard & Shale
3900	4010	110	Hard & Shale
4010	4162	152	Hard & Shale
4162	4322	160	Hard & Shale
4322	4512	190	Hard & Shale
4512	4620	108	Hard & Shale

INFORMATION RECORD—Continued