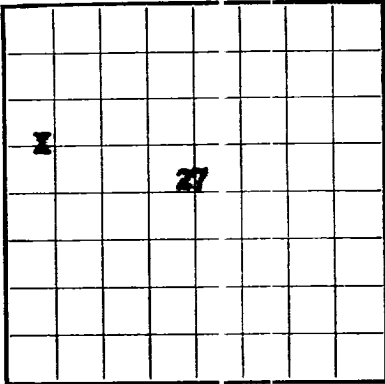


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **978991**
LEASE OR PERMIT TO PROSPECT **Benthit**



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **The British-American Oil Prod. Co.** Address **Box 180 - Denver 1, Colorado**
Lessor or Tract **Benthit B** Field **Bisti-Gallup** State **New Mexico**
Well No. **B-7** Sec. **27** T. **26N** R. **13W** Meridian **New Mexico P.M.** County **San Juan**
Location **1980** ft. **N.** of **N** Line and **660** ft. **E.** of **N** Line of **N/4** Elevation **6230** GL
(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.
Original Signed By: **Thomas M. Hogan**
Signed _____ Title **District Superintendent**

Date **March 29, 1957**

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

Commenced drilling **February 26,** 19**57** Finished drilling **March 25,** 19**57**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, **Top Pictured Cliffs @ 1285** to **1285** No. 4, **Top Mancos** to **3918**
No. 2, from **Chacra** to **1582** No. 5, from **Gallup** to **4877**
No. 3, from **Pt. Lookout** to **3762** 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.	Acme	200'	Texas				
5-1/2	16.7	8 Bl.	A-55	4890'	None				
5-1/2	15.5	8 Bl.	A-55	72'	None				

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	Allied Cementers		
5-1/2	5164	100	Rocky Mountain Cementers		

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 **5165 KB** feet, and from _____ feet to _____ feet
Cable tools were used from **5137** feet to **5150** feet, and from _____ feet to _____ feet

DATES

Put to producing **March 25,** 19**57**

The production for the first 24 hours was _____ barrels of fluid of which **100** % was oil; **no** % emulsion; **no** % water; and **no** % sediment. Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

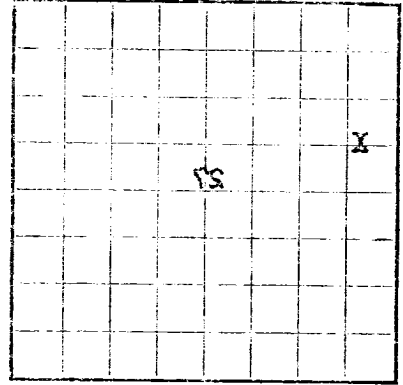
Force Drilling Company, Driller _____, Driller _____
_____, Driller _____, Driller _____

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
			Shot 4 - 16 gran jets at 5116 per Electric Survey. Ran RT-8 cementer on 154 joints 2" NEE Tubing. Set Packer at 4900 KB. Rigged up Rocky Mountain Cementers. Broke foundation at 3500# with 5 BW. Mixed and pumped 30 sack cement - displaced 20 sack formation at 3400 - 2800 psi. Staged 2 sack additional to formation in 1-1/2 hours to obtain squeeze pressure of 400 psi with 22 sack to formation. Released Packer and reversed out.
			Perforated 5024 to 5034 with 4 - 16 gran jets per foot. Fracked through perforations with 10,000# sand and 10,000 gal. oil. Bottom Depth Pressure, 2800 psi, Initial Production - 2550 psi, Injection Rate 36.3 barrels per minute.
			Perforated 4970 - 4990 with 4 - 16 gran jets per foot. Initial Production began. Pressure Supplement with bailer, 8 hours, recovered 15 gal. per hour. - 14 gallons water and 1 gallon oil.
			Production after Fracture Treatment, 217 Barrels of Oil Per Day in 24 hours 12 x 54 BPM.
0	215		Surface Sand, Clay & Gravel
215	887		Sand & Shale
887	1693		Sand & Shale
1693	2348		Shale & Sand
2348	2638		Shale & Sand
2638	2780		Shale & Sand
2780	2838		Sand & Shale
2838	3080		Shale & Lime
3080	3453		Shale, Lime & Sand
3453	3726		Shale & Sand
3726	4015		Shale & Sand

U. S. Geological Survey
Department of the Interior
Geological Survey

LOG OF OIL OR GAS WELL



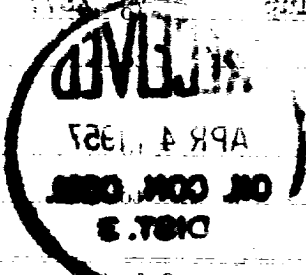
LOCATE WELL CORRECTLY

Company: The British-American Oil Prod. Co.
Address: Box 100 - Denver 1, Colorado
Lessor or Tract: Detail 1
Well No.: 5-7
Location: 1930 ft. of 1/2 sec. 27 T. 26 N. 13 W. Meridian
New Mexico I.M. County: San Juan
Field: Santa Fe
State: New Mexico
Date: March 29, 1937

The summary on this page is for the condition of the well at above date.
Commenced drilling: February 26, 1937
Finished drilling: March 25, 1937

OIL OR GAS SANDS OR ZONES

Table with columns for No. 1, No. 2, No. 3, No. 4, No. 5, No. 6, No. 7, No. 8, No. 9, No. 10. Includes 'IMPORTANT WATER SANDS' and 'CASING RECORD'.



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 the results. If there were changes made in the casing, state fully, and if any casing was sidetracked, or left in the well, give the size and location. If the well has been dynamited, give date, size, position, and number of charges. If plugs or liners were put in the well, state kind of material used, position, and results of pumping or balling.

HISTORY OF OIL OR GAS WELL

Main table with columns: FROM, TO, TOTAL FEET, FORMATION. Includes sections for MUDGING AND CEMENTING RECORD, PLUGS AND ADAPTERS, SHOOTING RECORD, TOOLS USED, DATES, EMPLOYEES, and FORMATION RECORD.