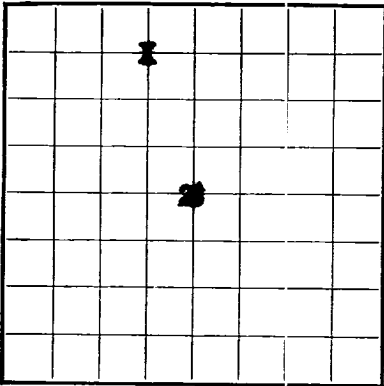


U. S. LAND OFFICE Santa FeSERIAL NUMBER 078091

LEASE OR PERMIT TO PROSPECT

Gov't. DearthitUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company The British-American Oil Prod. Co. Address Box 180 - Denver 1, Colorado
Lessor or Tract Dearthit "B" Field Risti-Gallup State New Mexico
Well No. B-10 Sec. 28 T. 26N R. 13W Meridian New Mexico P.M. County San Juan
Location 660 ft. XX of N Line and 1980 ft. XX of W Line of NW/4 Elevation 6256
(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:
Signed J. E. SteinDate April 18, 1957Title District Engineer

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

Commenced drilling March 23, 19 57 Finished drilling April 14, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, Top Pictured Cliffs @ 1422 No. 4, from Mancos @ 4031
No. 2, from Chama to 1688 No. 5, from Gallup to 4989
No. 3, from Pt. Lookout to 3866 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	
<u>9-5/8</u>	<u>25.4</u>	<u>8 1/2</u>	<u>Arco</u>	<u>200'</u>	<u>Taper</u>				
<u>5-1/2</u>	<u>31.1</u>	<u>8 1/2</u>	<u>Arco</u>	<u>200'</u>	<u>Taper</u>				
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
<u>9-5/8</u>	<u>214</u>	<u>200</u>	<u>Allied Cementers</u>		
<u>5-1/2</u>	<u>5229</u>	<u>100</u>	<u>Rocky Mtn. Cementers</u>		

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 5230 KB feet, and from _____ feet to _____ feet
Cable tools were used from 5163 KB feet to 5208 KB feet, and from _____ feet to _____ feet

DATES

Put to producing April 14, 19 57

The production for the first 24 hours was 199 barrels of fluid of which 100 % was oil; na % emulsion; na % water; and na % 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
FEB - 5208' KB. Loaded hole with 40 barrels lead oil.			
Fractured down casing with 20,000# sand and 20,000 gal. oil. Injected 22 nylon balls after each stage of 5,000# sand. Total lead oil used—357 barrels. Well flowed back 106 BLO. Cleaned out sand to TD. Swabbed casing 32 hours, recovered 751 BLO. Swabbed 23 hours and recovered 259 BNO. Ran tubing and set pump. Produced 135 BO-17 hours—12 x 54 SPK.			
DRILLER'S LOG			
0	220		Surface Sand & Gravel
220	860		Shale & Sand
860	1492		Sand & Shale
1492	1886		Shale & Sand
1886	2211		Sand & Shale
2211	3330		Shale & Sand
3330	3640		Shale
3640	3925		Shale & Sand
3925	4928		Shale
4928	5006		Shale & Sand
5006	5165		Sand & Shale
5165	5208		Shale with streaks of Sand.

ATTACHED:

Induction Electrical Log
Micro Log

16-49024-3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible]

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 _____
J. J. [illegible]
Original Signed by:

Location: Sec. 28 T. 20N R. 13W Meridian
of N. Line of [illegible] 1980
[illegible] ft. of [illegible] and 1980

Well No. B-10 Sec. 28 T. 20N R. 13W Meridian
New Mexico S.M. County San Juan

Lessor or Trustee: [illegible]
Boschert [illegible]

Field Office: [illegible]
State New Mexico

Company: The William American Oil Field Co.
Address: Box 150 Denver 1, Colorado

Commenced drilling March 23, 1957 Finished drilling April 14, 1957

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

Date April 18, 1957 Title District Engineer

(Derece has by G)

No. 1, from	to	1000	No. 1, from	to	1000
No. 2, from	to	1000	No. 2, from	to	1000
No. 3, from	to	1000	No. 3, from	to	1000
No. 4, from	to	1000	No. 4, from	to	1000
No. 5, from	to	1000	No. 5, from	to	1000
No. 6, from	to	1000	No. 6, from	to	1000

No. 1, from _____ to _____ No. 8, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

Size each	Weight per foot	Threads per inch	Make	Amount	Kind of shoe cut and pulled from	From To	Purposes

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 withdrawn or left in the well, give the date and location. If the well has been dewatered, give the date, location, and quantity of water. If pumps or plungers were put in for water, state the date, location, and results of pumping or plunging.

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

Size casting	Where set	Number casts of cement	Method used	Kind of soil	Approximate load
4-8	3M	200	Grid Casters		
1-2	420	100	Body Mts. Casters		

Adapters—Material	Size	Length	Depth set
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[illegible]

Rotary tools were used from	0	feet to	5230	feet and from	feet to
Cable tools were used from	5163	feet to	5208	feet and from	feet to

It gas well on the gas burner. emulsion; no water; no oil.	The production for the first 11 hours was 190 Part to producing 1000 ft. of gas.
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[illegible]

FROM	- TO	TOTAL FEET	FORMAL FEET
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25 x 55 SPM.
23 hours and recovered 254 BHO. Saw tripping and set pump. Recovered 132 BO-IV hours-
106 BHO. Cleaned out sand to TD. Swabbed casing 30 hours, recovered 751 BHO. Swabbed
after each stage of 2,000' sand. Total load oil used-854 barrels. Well flowed back
fractured down casing with 20,000' sand and 30,000 gal. oil. Injected 22 nylon balls
40 BHO and 68 BHO, average 2 BHO per hour.
Perforated from 5000 to 5092 with 4-1/2" gun hole per foot. Cased at 14 hours, recovered
BHO - 52084. KB. Loaded hole with 4-1/2" barrels load oil.

[illegible]

FORMATION RECORD—Continued