



U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078091 Gov't
LEASE OR PERMIT TO PROSPECT Douthit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The British-American Oil Prod. Co. Address P. O. Box 130, Denver 1, Colorado
 Lessor or Tract Gov't, Douthit "B" Field Bisti-Gallup State New Mexico
 Well No. B-19 Sec. 27 T. 26N R. 13W Meridian NMPM County San Juan
 Location 1980 ft. N. of S Line and 660 ft. E. of E Line of Section 27 Elevation G.L. 6198'
(Horizontal distance in feet)

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 _____ Original Signed By: Thomas M. Hogan

Date June 16, 1959 Title District Superintendent

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

Commenced drilling April 8, 1959 Finished drilling April 19, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

TOP	
No. 1, from Picture Cliff	to 1264'
No. 2, from Chacra	to 1594'
No. 3, from Pt. Lookout	to 3742'
No. 4, from Mancos	to 3907'
No. 5, from Lower Gallup	to 4932'
No. 6, from Top of Pay	to 4943'

IMPORTANT WATER SANDS

No. 1, from to No. 3, from to

No. 2, from to No. 4, from to

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	215 KB	200 sz	Rocky Mountain Service Company		
5 1/2	5078 KB	100 sz	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 5080 feet, and from _____ feet to _____ feet
Cable tools were used from 5007 feet to 5011 feet, and from _____ feet to _____ feet

DATES

June 16,	1959	Put to producing	April 30	1959
The production for the first 24 hours was 98		barrels of fluid of which 100% was oil; %		
emulsion; % water; and % sediment.		Gravity, °Bé. 37.5		
If gas well, cu. ft. per 24 hours		Gallons gasoline per 1,000 cu. ft. of gas		
Rock pressure, lbs. per sq. in.				

EMPLOYEES

~~Herndon Drilling Company~~....., Driller , Driller
~~Rota Cone~~....., Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
See Attached: Induction-Electrical Log Microlog Geological Completion Report Sample Description.			

See Attached:
Induction-Electrical Log
Microlog
Geological Completion Report
Sample Description.

[OVER]
LOKNAYLION RECORD—CONTINUED

16-48094-4

FROM—	TO—	TOTAL FEET	FORMATION
FORMATION RECORD			
EMPLOYEES			
DATES			
TOOLS USED			
EXPLOSIVE RECORD			
ADAPTERS—Material			
MUDGING AND CEMENTING 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 its results. If there were any changes made in the casing, state fully, and if any casing was "sidepacked," 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.

Size	Weight per foot	Kind of shoe	Kind of shoe	Amount	Alloy	Weight per foot	Kind of shoe	Purpose

CASING RECORD

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

IMPORTANT WATER SANDS

No. 3, from _____ to _____
No. 2, from _____ to _____
No. 1, from _____ to _____

OIL OR GAS SANDS OR ZONES

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

Date _____, 19____
Signed _____
Original Signed By _____

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 _____ Line and _____ ft. _____ of _____ Line and _____ ft. _____

Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____
Lessor or Trust _____
Company _____

LOG OF OIL OR GAS WELL

RECEIVED
OIL DEPARTMENT OF THE INTERIOR
DIST. 3
JUL 2 1908
UNITED STATES
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

U. S. LAND OFFICE
SERIAL NUMBER
LAND OF PATENT TO PROSPECT

GEOLOGICAL COMPLETION REPORT
BRITISH-AMERICAN DOUTHIT "B" - 19

Well Classification:

Development
Bisti-Gallup Field
San Juan County, New Mexico
British-American Douthit "B" No. 19
C NE SE Section 27-26N-13W

Well Data:

Commenced drilling:	April 9, 1959
Completed drilling:	April 12, 1959
Contractor:	Herndon Drilling Company
Casing Record:	Set 13 3/4" at 214.70 w/200 sax cmt Set 5 1/2" at 5078 w/100 sax cmt 2% gel.
Elevation:	6198 C.L. 6209 K.B.
Total Depth and Datum:	5065 + 1144; Driller and E.S.
FBTD, Datum and Formation:	5011 +1148; Gallup ss.

Completion Data:

Producing zone:	Gallup ss.	Net Pay: 13' perforated
Perforations:	4944-57	
Treatment:	SOE w/60,000# sand and 30,000 gall oil	
	Broke down at 2800 psi - 2400 psi;	
	fractured at 2300 psi - 2150 psi at 43.4 BPM	
Initial Production:	72 BO in 24 hrs pumping. 16x54 SPM	

Geological Data:

Samples:	10' from 4800-5065
	Stored at: Four Corners Sample Cut
	Farmington, New Mexico
E. S. Induction:	2" from 213-5065 K.B.
	5" from 1200-1450; 3450-3950; 4800-5065 KB
Microlog:	Same as 5" E.S.
Gamma ray:	4700-5012 K.B.
Geolograph:	214-5065

Formation Record:

<u>Name</u>	<u>Schl. Top</u>	<u>Schl. Datum</u>	<u>Fluid Content</u>
Pic Cliffs	1265	+4944	—
Point Lookout	3740	+2469	—
Mancos Sh.	3906	+2303	—
Upper Gallup	4848	+1361	—
Gallup Pay	4933	+1276	oil

Core Record: None

Drill Stem Test Record: None

Comments

Douthit B-19

The British-American Douthit B-19 was drilled as a development well in the C NE SE Section 27-26N-13E, San Juan County, New Mexico. The Upper Gallup was picked at 4848 + 1361 and the Gallup pay at 4933 + 1276. The 1st bench exhibited 7' of M.L. separation plus 11 feet of sand which though tight should be capable of production.

No completion difficulties were encountered and the well was placed on production. Upon depletion of the 1st bench, it might be mentioned that the zone from 4998-5006 should be capable of marginal production with proper stimulation.

There are no undrilled offsets to the B-19 on British-American acreage.

H. A. Holton

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SAMPLE REPORT

H. Holton
GEOLOGIST