

[illegible]

U. S. LAND OFFICE **Window Rock**
SERIAL NUMBER **14-20-603-735**
LEASE OR PERMIT TO PROSPECT **Navajo**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

Company The British-American Oil Producing Address Box 180, Denver 1, Colorado
 Lessor or Tract Navajo Field Bisti-Gallup State New Mexico
 Well No. 3 Sec. 13 T. 26N R. 14W Meridian New Mexico PM County San Juan
 Location 1980 XX ft. S. of 8 Line and 600 XX ft. E. of E Line of NE/4 Section 13 Elevation 6412.6 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.
 Signed Thomas M. Hogan
 Date January 30, 1959 Title District Superintendent

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

Commenced drilling **December 21**, 19**59** Finished drilling **January 6**, 19**59**

(Denote gas by G)

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, from _____ to _____

No. 6, from _____ to _____

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

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Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	218 KB	175	B J Service		
5-1/2	5363 KB	100	HOWCO		

Heaving plug—Material Length Depth set

Adapters—Material Size

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

Rotary tools were used from _____ feet to 5365 feet, and from _____ feet to _____ feet.

Cable tools were used from 5255 feet to 5312 feet, and from _____ feet to _____ feet.

_____, 19____ Put to producing 1-16, 1959

The production for the first 24 hours was 105 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 36.2

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

Rock pressure, lbs. per sq. in. -----

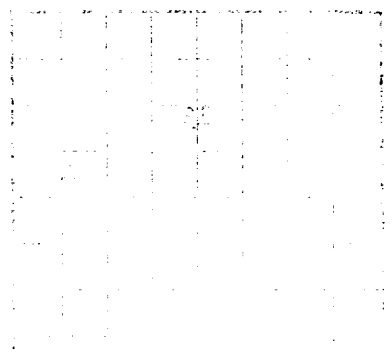
EMP

Force Drlg Co.	Driller	Driller
Rota Comp	Driller	Driller

FROM—	TO—	TOTAL FEET	FORMATION
		<u>SEE ATTACHMENTS</u>	
	Induction - Electrical Log Microlog Geological Completion Report Sample Report		

1. Name of well
2. Location
3. Date of completion
4. Name of owner

5. Name of driller
6. Name of contractor
7. Name of engineer



8. Description of well
9. Description of casing
10. Description of pump
11. Description of motor
12. Description of drive
13. Description of control
14. Description of instrumentation
15. Description of record
16. Description of test
17. Description of results
18. Description of analysis
19. Description of interpretation
20. Description of recommendation



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 "sidetracked" 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.

HISTORY OF OIL OR GAS WELL

1. Name of well			
2. Location			
3. Date of completion			
4. Name of owner			
5. Name of driller			
6. Name of contractor			
7. Name of engineer			
8. Description of well			
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10. Description of pump			
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File

GEOLOGICAL COMPLETION REPORT
BRITISH-AMERICAN NAVAJO NO. 3

WELL CLASSIFICATION

Development well, Bisti-Gallup field
San Juan County, New Mexico
BRITISH-AMERICAN NAVAJO NO. 3
C NE SE Section 13, T. 26 N., R. 14 W.

WELL DATA

Commenced drilling: 12-25-58
Completed drilling: 1-5-59
Contractor: Force Drilling Company
Casing Record: Set 9-5/8" at 218 KB with 175 sax cwt
Set 5 1/2" at 5363 KB with 100 sax cwt
Elevation: 6420 KB
Total Depth & Datum: 5365 (+1055)
PBSD, Datum and Formation: 5312 (+1108) Gallup sandstone.

COMPLETION DATA

Producing zone: Gallup sandstone Net pay: 12' Perf.
Perforations: 5238-50
Treatment: Sand-oil frac with 30,000# sand and 1500 gal.
Adomite in 30,000 gal. oil. Initial treating
pressure 2000 psi. Final treating pressure
2000 psi. Aver. inj. rate 36.7 BPM.
Initial Production: 85 BOPD; No water. 15 x 44 SPM. TP 20 CP 20.

GEOLOGICAL DATA

Samples: 10' from 1700-5365 Stored at: American
Stratigraphic Co.
Electric log: 2" from 212-5360 KB
5" from 1500-1750, 3750-4250, 4950-5360 KB
Microlog: Same as 5" ES
Gamma Ray: 4783-5247 KB
Geolograph: 218-5365 KB

<u>Formation</u>	<u>Sample top</u>	<u>Schl. Top</u>	<u>Schl. Datum</u>	<u>Fluid Content</u>
Pictured Cliffs		1578	(+4842)	
Lewis Shale		1640	(+4780)	
Mesa Verde fm		1837	(+4583)	
Point Lookout fm		4035	(+2385)	
Mancos Shale		4197	(+2223)	
Upper Gallup Ss		5150	(+1270)	
Gallup Pay		5226	(+1194)	

Core No. 1 - 5208-5260, Gallup Ss. Recovered 52 feet.

No Drill Stem Tests

H. A. Holton
1-27-59



OIL COMPANY		MISSION
No.	3	CE
State		
City		
Street		
Post Office		
State Land Office		
U. S. L. S.		
Transporter		
File		✓

65

H. A. Holton
GEOLOGIST

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