

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078091**
LEASE OR PERMIT TO PROSPECT -----
Gov. Donahit

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 Dewhitt "B" Field Histi-Gallup State New Mexico
 Well No. B-12 Sec. 27 T. 26N. 13W Meridian New Mexico P.M. County San Juan
 Location 660 ft. $\left[\begin{smallmatrix} N \\ E \end{smallmatrix} \right]$ of S Line and 660 $\left[\begin{smallmatrix} E \\ W \end{smallmatrix} \right]$ of W Line of SW/4 Sec. 27 Elevation 6248 GL
(Dewhitt Base relative to bench mark)

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 6, 1957 Title District Superintendent

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

Commenced drilling May 2, 1957 Finished drilling May 17, 1957

OIL OR GAS SANDS OR ZONES

(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 _____

Stamp: JUN 10 1957
SEC. COM. COM.
POST 2

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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	214' KB	200	D.J. Service		
5-1/2	5097' KB	1000 100	Reaky Mtn. 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 5098 LB feet, and from _____ feet to _____ feet

Cable tools were used from 5029 LB feet to 5082 LB feet, and from _____ feet to _____ feet

DATES

Put to producing May 17, 1957

The production for the first 24 hours was 183 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % 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

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
	SEE ATTACHED: Induction-Electrical Log Microlog Geological Completion Report Sample Report		

UNITED STATES
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GEOLOGICAL SURVEY

[illegible]

LOCATE WELL CORRECTLY

the information that is

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THE EVERETT

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

NAME	DATE	TIME	LOCATION	REMARKS
...	...	...	...	...

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 gully, and if any casing was "sacked", 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 pugs or bridges were put in, or lost for water, state kind of material used, position, and results of pumping or bailing.

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

9-0707-1 WVA

GEOLOGICAL COMPLETION REPORT FOR
BRITISH-AMERICAN #B-12 DOUTHIT

Well Classification:

Development well, Bisti Gallup
San Juan County, New Mexico
British-American #B-12 Douthit
C SW SW Section 27-26N-13W

Well Data:

Commenced drilling:	May 4, 1957
Completed drilling:	May 12, 1957
Contractor:	Foree Drilling Company
Casing Record:	Set 9 5/8" at 213.75 KB w/200 sax reg cmt. Set 5 1/2" at 5097 KB w/100 sax cmt 3% gel. 6248 G.I.; 6258 K.B.
Elevation:	Driller and E.S. 5100 (+1158)
Total Depth and Datum:	5082 + 1176 Gallup sandstone
PBTD, Datum and Formation:	

Completion Data:

Producing zone:	Gallup sandstone	Net Pay:
		29' perforated
Perforations and treatment:	Perf. 4976-95, 5044-54, w/19 GM jets, 4/ft	
	Natural treatment.	
Initial production:	Pumped 183 bbls oil and no water in 24 hours,	
	13 x 54 SPM; TP-20 CP-20	

Geological Data:

Logging Data

Samples:	10' from 4850-5100	Stored: American Strati- graphic Co., Denver, Colo.
E.S.-Induction:	2" from 214-5094	
	5" from 1200-1400; 3700-4100; 4800-5094 K.B.	
Microlog:	Same as 5" ES	
Gamma Ray:	1200-1400; 3700-4000; 4800-5079 K.B.	
Geolograph:	214-5100 K.B.	

Formation Record:

<u>Name</u>	<u>Schl. Top</u>	<u>Schl. Datum</u>
Pictured Cliffs	1308	+4950
Mesaverde	1600	+4658
Point Lookout	3776	+382
Mancos	3939	
Upper Gallup	4884	
Gallup Pay	4966	

Core Record:

No Cores Taken

Drill Stem Test Record:

None



SAMPLE REPORT

Date

WELL NAME	FROM	TO	THICK- NESS	LITHOLOGY
<u>British-American</u> <u>#B-12 Douthitt</u> Blstl-Gallup Area C SW SW Sec. 27-26N-13W San Juan County, New Mexico	4850	4860		Sample description starts in Mancos shale above Upper Gallup.
	4860	4890		100% sh, gr-olive gr, sdy & mic, few sltst, gr, vfg, skp.
	4890	4900		Same
	4900	4910		5% sltst, gr, vfg, skp, sdy, sl mic, 95% sh do.
	4910	4920		10% sltst do, 90% sh do.
	4920	4930		Same
	4930	4940		5% sltst do, 95% sh do.
	4940	4950		100% sh, gr-olive gr, v sdy, const sltst do.
	4950	4960		Same
	4960	4970		Same w/dec sltst & incr carb sh, blk.
	4970	4980		Same
	4980	4990		2% ss, vfg, gr-brn, skp, shy, tl, 98% sh & sltst do.
	4990	5000		5% ss, f-mg, well dev, s.r, cln, gd p&sp, tr ss as above, 94% sh, do.
	5000	5010		10% ss do, few becoming sl cly fill, 90% sdy sh & sltst
	5010	5020		2% ss do, 20% shly sd, vfg, gr-brn, cly fill, gau & mic, 78% sh do.
	5020	5030		15% shly sd do, 85% sdy sh & sltst, gr-vfg, mic.
	5030	5040		Same
	5040	5050		40% sd, v shly, gr-brn, vfg, skp, cly fill, 60% sh do.
	5050	5060		Same
	5060	5070		20% sd do, 80% sh, sdy & sltst.
	5070	5100		Same


 GEOLOGIST H. A. Holton

GEOLOGICAL COMPLETION REPORT FOR
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Development well, Bisti Gallup
San Juan County, New Mexico
British-American #B-12 Douthit
C SW SW Section 27-26N-13W

Well Data:

Commenced drilling:	May 4, 1957
Completed drilling:	May 12, 1957
Contractor:	Foree Drilling Company
Casing Record:	Set 9 5/8" at 213.75 KB w/200 sax reg cmt. Set 5 1/2" at 5097 KB w/100 sax cmt 3% gel.
Elevation:	6248 G.L; 6258 K.B.
Total Depth and Datum:	Driller and E.S. 5100 (+1158)
PRTD, Datum and Formation:	5082 + 1176 Gallup sandstone

Completion Data:

Producing zone:	Gallup sandstone	Net Pay: 29' perforated
Perforations and treatment:	Perf. 4976-95, 5044-54, w/19 GM jets, 4/ft Natural treatment.	
Initial production:	Pumped 183 bbls oil and no water in 24 hours, 13 x 54 SPM; TP-20 CP-20	

Geological Data:

Logging Data

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E.S.-Induction:	2" from 214-5094	
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Microlog:	Same as 5" ES	
Gamma Ray:	1200-1400; 3700-4000; 4800-5079 K.B.	
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Formation Record:

<u>Name</u>	<u>Schl. Top</u>	<u>Schl. Datum</u>
Fictured Cliffs	1308	+4950
Mesaverde	1600	+4658
Point Lookout	3776	+2482
Mancos	3939	+2282
Upper Gallup	4884	+1292
Gallup Pay	4966	

Core Record:

No Cores Taken

Drill Stem Test Record:

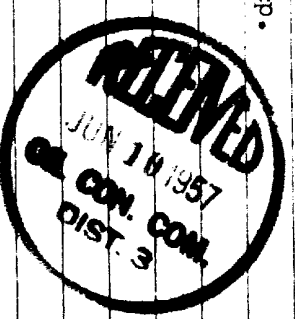
None



SAMPLE REPORT

Date

WELL NAME	FROM	TO	THICK- NESS	LITHOLOGY
<u>British-American</u> <u>4B-12 Douthitt</u> Blatti-Gallup Area C SW SW Sec. 27-26N-13W San Juan County, New Mexico	4850	4860		Sample description starts in Mancos shale above Upper Gallup.
	4860	4890		100% sh, gr-olive gr, sdy & mic, few sltst, gr, vfg, s&p.
	4890	4900		Same
	4900	4910		5% sltst, gr, vfg, s&p, sdy, sl mic, 95% sh do.
	4910	4920		10% sltst do, 90% sh do.
	4920	4930		Same
	4930	4940		5% sltst do, 95% sh do.
	4940	4950		100% sh, gr-olive gr, v sdy, consl sltst do.
	4950	4960		Same
	4960	4970		Same w/dec sltst & incr carb sh, blk.
	4970	4980		Same
	4980	4990		2% ss, vfg, gr-brn, s&p, shy, tl, 98% sh & sltst do.
	4990	5000		5% ss, f-me, well dev, s.r, cln, gd p&p, tr ss as above, 94% sh, do.
	5000	5010		10% ss do, few becoming sl cly fill, 90% sdy sh & sltst
	5010	5020		2% ss do, 20% shly sd, vfg, gr-brn, cly fill, pau & mic, 78% sh do.
	5020	5040		15% shly sd do, 85% sdy sh & sltst, gr-vfg, mic.
	5040	5050		Same
	5050	5060		40% sd, v shly, gr-brn, vfg, s&p, cly fill, 60% sh do.
	5060	5070		Same
	5070	5100		20% sd do, 80% sh, sdy & sltst.
				Same



GEOLOGIST H. A. Holton