

GEOLOGICAL COMPLETION REPORT FOR
BRITISH-AMERICAN #B-16 DOUTHIT

Well Classification:

Development well, Bisti-Gallup
San Juan County, New Mexico
British-American #B-16 Douthit
C NE NE Section 28-26N-13W

RECEIVED
AUG 15 1957
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

Well Data:

Commenced drilling:	July 1, 1957
Completed drilling:	July 12, 1957
Contractor:	Foree Drilling Company
Casing Record:	Set 9 5/8" @ 215 K.B. w/200 sax reg cmt. Set 5 1/2" @ 5176 K.B. w/100 sax cmt 3% gel.
Elevation:	G.L. 6234 K.B. 6245
Total Depth and Datum:	Driller & E.S. 5178 (+1067)
PBTD, Datum and Formation:	5153 + 1092 Gallup

Completion Data:

Producing Zone: Gallup Net Pay: 36' Perforated

Perforations & Treatments: Perf: 5020-40, 5070-86 w/16 GM jets 4/ft
Sand-oil frac w/35,000 galls oil and
35,000 lbs sd w/rubber balls as follows:

Fluid to Form	PSI	IR
5000# & 5000 gal oil	2250	42 B/M
22 Nylon Balls	2100	
5000# sd & 5000 gal oil	2100	42
22 Nylon Balls	2200	
5000# sd & 5000 gal oil	2200	42
22 Nylon Balls	2300	
5000# sd & 5000 gal oil	2300	42
22 Nylon Balls	2650-2575	
5000# sd & 5000 gal oil	2575	42
16 Nylon Balls	2575	
5000# & 5000 gal oil	2500-2400	42

Initial Production: Pumped 53 BO & No Wtr in 24 hrs
12 x 54 SPM. TP 20 CP 20 ..
GOR:

Geological Data:

Logging Data:

Samples:

E.S.-Induction

Microlog:

Gamma Ray:

Geolograph:

10' from 4900-5175 Stored at: American Strati-
graphic Co., Denver, Colo.
2" from 214-5178 K.B.
5" from 1200-1450, 3700-4200, 4900-5178 K.B.
Same as 5" E.S. Induction
1150-1500, 3700-4250, 4850-5150 K.B.
214-5178 K.B.

British-American #B-16 Douthit

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Formation Record:

<u>Name</u>	<u>Schl. Top</u>	<u>Schl. Datum</u>
Pictured Cliffs	1324	+4921
Mesaverde	1624	+4621
Point Lookout	3769	+2476
Mancos	3980	+2265
Upper Gallup	4926	+1339
Gallup Pay	5010	+1235

Core Record:

None

Drill Stem Test Record:

None

SAMPLE REPORT

Date.....19...

WELL NAME	FROM	TO	THICK- NESS	LITHOLOGY
British-American #B-16 Douth1	4900	4910		Sample Description starts above Upper Gallup
Bi-st-Gallup Area	4910	4920		100% sh, gr-blk, v/few mic & sdy & few sltst, gr, vfg, sep.
C NE NE Sec. 28-26N-13W	4920	4930		Same
San Juan County, New Mexico	4930	4940		95% sh do, 5% sltst do.
	4940	4950		Same
	4950	4960		10% sltst, gr, vfg, sep, hdtst, 90% sh do, incr sdy.
	4960	4970		17% sltst do v/few ss, vfg, sep, hdtst, glau, 83% sh do.
	4970	4980		15% sltst do, 85% sh do.
	4980	4990		10% sltst do, 90% sh do.
	4990	5000		5% sltst do, 95% sh do, sdy.
	5000	5010		Same
	5010	5020		100% sh, gr-blk, sdy & mic, v/few carb.
	5020	5030		Same, incr carb, blk sh.
	5030	5040		Same v/few sltst, gr, sep, sly sdy.
	5040	5050		Same
	5050	5060		10% sltst do, tr ss, vf-fg, gr-brn, psep, 89% sh.
				Tr sltst do, 3% ss, gr-brn, f-few mg, fair psep, glau & mic, 96% brn sdy sh, rd stn and fluor.
	5060	5070		3% ss do v/tr ss, mg, sep, glau, rd por, rd stn & fluor, 96% sh do.
	5070	5080		Tr ss do, 40% shly sd, vfg, sep, cly fill, fl stn, 59% sdy sh.
	5080	5090		Tr ss do, 40% shly sd do, 99% sdy sh do.
	5090	5100		40% shly sd, brn, vfg, sep, v cly fill, 60% sdy sh do.
	5100	5110		40% ss, brn, vfg, sep, glau & mic, cly fill, 60% sh, brn, sdy, mic.
	5110	5130		Same
	5130	5140		20% ss do, 80% sh do.
	5140	5178		Same

GEOLOGIST H. A. Holton