

GEOLOGICAL COMPLETION REPORT FOR BRITISH-AMERICAN #B-7 DOUTHIT

Well Classification:

Development well, Bisti-Gallup
San Juan County, New Mexico
British-American #B-7 Douthit
C SW NW Section 27-26N-13W

Well Data:

Commenced drilling:	February 27, 1957
Completed drilling:	March 10, 1957
Contractor:	Foree Drilling Company
Casing Record:	Set 9 5/8" @ 213.88 w/200 sax reg cmt. Set 5 1/2" @ 5164 w/100 sax cmt 3% gel.
Elevation:	6208 GL; 6218 KB
Total Depth and Datum:	Driller & ES 5165 plus 1053
PBTD, Datum & Formation:	5150 plus 1068 Gallup formation

Completion Data:

Producing Zone:	Gallup formation	Net Pay:
Perforations:		30' perforated
	Perf: 5116 w/4 16 GM jets & squeezed w/30 sax reg cmt.	
	Perf: 5024-34 w/16 GM jets 4/ft.	
	Sand-oil frac w/10,000 lbs sd	
	10,000 galls oil. Broke fm at	
	2800 psi, injection rate 36.3 BPM.	
	Perf: 4970-90 w/16 GM jets 4/ft	
	Sand-oil frac both zones w/10,000	
	lbs sd & 10,000 galls oil. Broke	
	fm at 2300 psi. Injection rate	
	44 nylon balls ahead of fracture.	

Fluid to Form	Press	IR
5000 lbs sd & 5000 galls oil	2300	36.0
26 Nylon Balls	2300	
5000 lbs sd & 5000 gal oil	2400	36.1
26 Nylon Balls	2400	
5000 lbs sd & 5000 gal oil	2500	36.1
26 Nylon Balls	2500	
5000 lbs sd & 5000 gal oil	2600	36.0
Flush w/150 BO at	2300	36.0
SIP 1100 SPI. 780 BLO to Rac	Flush should be at injection rate of 38.0 B/M	

Initial Production:

Pumped 211 FO & no water in 24 hrs.
12 x 54 3PM IP 20 CF 20
GOR: 280/1

British-American # B-7 Douthit -2-

Geological Data:

Logging Data:

Samples

10' from 4850-TD Stored: American
Stratigraphic Co.
Denver, Colorado

F.3. Induction:

2" from 212-5161 KB
5" from 1250-1400; 3600-4050;
4800-5161 K.B.

Microlog:

Same as 5" Induction Log

Gamma Ray:

1200-1400; 3600-4000; 4800-5152

Geolograph:

213-5165 K.B.

Formation Record:

Pictured Cliff
Mesaverde
Point Lookout
Mancos
Upper Gallup
Gallup Pay

Seal Top:	Seal Datum
1284	plus 4934
1580	plus 4638
3763	plus 2455
3935	plus 2273
4878	plus 1340
4959	plus 1259

Core Record:

No cores taken.

Drill Stem Test Record

No drill stem tests taken.

SAMPLE REPORT

Date

UNIT LOG

TO

FROM

LOCAL NAME

British-American
#8-7 Douthit
Bisti-Gallup Area
C SW NW
section 27-26N-13W
San Juan County,
New Mexico

Sample description starts in lower Mancos.
10% siltst, gr-vfg, hd & ti, s&p, 90% sh, gr-olive
gr, sl arg & mic.
Same
5% db 95% do
100% sh, gr-blk, sl arg & mic
Same
Same
2% shly sd, gr-vfg, cly fill, ti, 98% sh do.
3% shly sd do, 97% sh do w/few siltst.
5% ss, fg, s.r., cln-sl cly fill, fair p&p, 95% sh
Same
5% ss do, 5% ss, vfg, gr, s&p, v cly fill
Tr ss, cln do, 5% ss vfg. do, 94% shly sd & sdy sh.
5% ss, vfg, do, 95% shly sd & sdy sh.
Same
20% v shly sd, gr-brn, p p&p, v cly fill, 90% sdy
sh, & shly sd.
Same
Same
Same
10% v shly sd do, 90% do.
Same

4910

4900

4920

4910

4930

4920

4940

4930

4950

4940

4960

4950

4970

4960

4980

4970

4990

4980

5000

4990

5010

5000

5020

5010

5030

5020

5040

5030

5050

5040

5060

5050

5070

5060

5080

5070

5090

5080

5165

5090

GEOLOGIST H. A. Holton