

GEOLOGICAL COMPLETION REPORT FOR
BRITISH-AMERICAN #B-4 MARYE

Well Classification:

Development well, Bisti-Gallup
San Juan County, New Mexico
British-American #B-4 Marye
C NE SW Section 35-26N-13W

Well Data:

Commenced drilling:	March 31, 1957
Completed drilling:	April 11, 1957
Contractor:	Foree Drilling Company
Casing record:	Set 9 5/8" @ 213.95 K.B.w/200 sax reg cmt. Set 5 1/2" @ 5049 KB w/100 sax reg cmt.
Elevation:	6237 G.L; 6247 K.B.
Total depth and datum:	Driller and E.S. 5050 (+1197)
PBTD, Datum and Formation:	5022 (+1225) Gallup

Completion Data:

Producing zone:	Gallup	Net Pay:
		26' perforated
Perforations and treatments:	4908-24, 4970-90 w 16 GM jets 4/ft.	
	Sand-oil fractured w/30,000 galls oil,	
	30,000 # sd in 6 stages w/26 rubber	
	balls between stages as follows:	
Fluid to Form	Pressure	Inj.Rate
Breakdown oil	1800	
5000 # sd & 5000 galls oil	1600-1350	42.3 B/M
26 nylon balls	1600	
5000 # sd & 5000 galls oil	1600	41.0
26 nylon balls	1800	
5000 # sd & 5000 galls oil	1800	40.0
26 nylon balls	2250	
5000 # sd & 5000 galls oil	2250	39.8
26 nylon balls	2000	
5000 # sd & 5000 galls oil	2000	39.6
26 nylon balls	2000	
5000 # sd & 5000 galls oil	2000	39.5
135 BO flush	2450	36.4
Initial production:	Pumped 146 bbls. oil and no water in	
	24 hours at 12 x 54 SPM. TP 20 CP 20	
	GOR: 361/1	

Geological Data:

Logging Data:

Samples:	10' from 3500-5050	Stored: American Strati
		graphic Co., Denver, Colo
E.S. Induction:	2" from 211-5050 K.B.	
	5" from 1100-1500; 3000-4000; 4700-5050	
Microlog:	Same as 5" E.S.	
Gamma Ray:	1150-1400; 3600-3950; 4700-5025 K.B.	
Geolograph:	213-5050 K.B.	

Formation Record:

<u>Name</u>	<u>Schl. Top</u>	<u>Schl. Datum.</u>
Pictured Cliffs	1236	+5011
Mesaverde	1554	+4693
Point Lookout	3725	+2522
Mances	3900	+2347
Upper Gallup	4814	+1433
Gallup Pay	4898	+1349

Core Record:

<u>Core #</u>	<u>Interval</u>	<u>Formation</u>	<u>Ft. Recovered</u>
#1	4895-4911	Gallup	16 feet
#2	4911-4963	Gallup	52 feet
#3	4963-4988	Gallup	26 feet

Drill Stem Test Record:

None

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