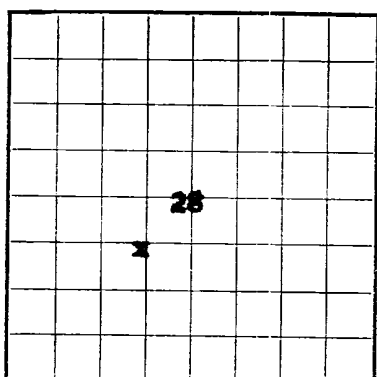




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 072091
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Gov. Dearthit

LOG OF OIL OR GAS WELL

Company The British-American Oil Prod. Co. Address Box 180 - Denver 1, Colorado
Lessor or Tract Dearthit "B" Field Bisti-Gallup State New Mexico
Well No. B-14 Sec. 28 T. 26N R. 13W Meridian New Mexico P.M. County San Juan
Location 1980 ft. N. of S Line and 1980 ft. E. of W Line of SW/4 Sec. 28 Elevation 6299 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.

Original Signed By:

Signed Thomas M. HoganDate June 6, 1957Title District Superintendent

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

Commenced drilling May 22, 1957 Finished drilling May 19, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

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

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	
							From	To
<u>9-5/8</u>	<u>25.14</u>	<u>8 1/2</u>	<u>Arco</u>	<u>200'</u>	<u>Reamer</u>			
<u>5-1/2</u>	<u>14</u>	<u>8 1/2</u>	<u>Arco</u>	<u>5173'</u>	<u>Reamer</u>			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9-5/8</u>	<u>2148 KB</u>	<u>200</u>	<u>B. J. Service</u>		
<u>5-1/2</u>	<u>5174' KB</u>	<u>100</u>	<u>B. J. Service</u>		

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 5173' KB feet, and from _____ feet to _____ feet
Cable tools were used from 5106' KB feet to 5156 KB feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing May 19, 1957

The production for the first 24 hours was 142 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. 25.0

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Farco Drilling Company, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

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

[OVER]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible]

Y 1979:507 - F37:51403.1

Thomas M. Hogan
Original Signed by

(7) (b) (i) OIL OR GAS SANDS OR ZONES

IMPORTANT WATER SANDS

CASING RECORD

HISTORY OF OIL OR GAS WELL

FORMATION RECORD—Continued

GEOLOGICAL COMPLETION REPORT FOR
BRITISH-AMERICAN #B-14 DOUTHIT

Well Classification:

Development well, Bisti-Gallup
San Juan County, New Mexico
British-American #B-14 Douthit
G. N. W. Section 28-26N-13W

Well Data:

Commenced drilling:	May 4, 1957
Completed drilling:	May 12, 1957
Contractor:	Foree Drilling Company
Casing Record:	Set 9 5/8" - 214 K.B. w/200 sax reg cmt. Set 5 1/2" - 5174 K.B. w/100 sax cmt 3% gel. G.I. 6299, K.B. 6309
Elevation:	G.I. 6299, K.B. 6309
Total Depth and Datum	Driller & E.S. 5175 + 1134
PBTD, Datum and Formation:	5156 + 1153, Gallup sandstone.

Completion Data:

Producing zone:	Gallup	Net Pay:
		48' perforated
Perforations:	Perf. 5038-54, 5072-5080, 5096-5110 w/19 GW jets/4 ft.	
Treatment:	Natural	
Initial Production:	Pumped 182 bbls oil and no water in 24 hours thru 14 x 54 GPM. TP 20 CP 20	

GOR: 339/1

Geological Data:

Logging Data:

Samples:	10' from 4950-5175	Stored at: American Stratigraphic Co., Denver, Colo.
E.S. Induction	2" from 213-5169 K.B.	
	5" from 1200-1500, 3800-4100, 4400-5169 K.B.	
Microlog:	Same as 5" E.S.	
Gamma Ray:	1200-1500, 3790-4100, 4900-5152 K.B.	
Geolograph:	214-5175 K.B.	

Formation Record:

Name	Echl. Ton	Echl. Datum
Pictured Cliffs	1400	+4909
Mesaverde	1672	+4631
Pt. Lookout	3850	+2459
Mancos	4010	+2299
Upper Gallup	4950	+1359
Gallup Pay	5029	+1280



Core Record:

None

Drill Stem Test Record:

None

GEOLOGICAL COMPLETION REPORT FOR
BRITISH-AMERICAN #B-14 BOUTHIT

Well Classification:

Development well, Bisti-Gallup
San Juan County, New Mexico
British-American #B-14 Bouthit
CNE CV Section 28-26N-13W

Well Data:

Commenced drilling:	May 4, 1957
Completed drilling:	May 12, 1957
Contractor:	Foran Drilling Company
Casing Record:	Set 9 5/8" - 214 K.B. w/200 sax reg cmt. Set 5 1/2" - 5174 K.B. w/100 sax cmt 3% gel.
Elevation:	G.I. 6299, K.B. 6309
Total Depth and Datum	Driller & E.S. 5175 + 1134
PBTD, Datum and Formation:	5156 + 1153, Gallup sandstone.

Completion Data:

Producing zone:	Gallup	Net Pay:
Perforations:		48' perforated
Treatment:	Perf. 5038-54, 5072-5080, 5096-5110 w/19 G ^v jets/4 ft.	
Initial Production:	Natural	
	Pumped 182 bbls oil and no water in 24 hours thru 14 x 54 GPM. TP 20 CP 20	

GOR: 339/1

Geological Data:

Logging Data:

Samples:	10' from 4950-5175	Stored at: American Stratigraphic Co., Denver, Colo.
E.S. Induction	2" from 213-5169 K.B.	
Microlog:	5" from 1200-1500, 3800-4100, 4400-5169 K.B.	
Gamma Ray:	Same as 5" E.S.	
Geolograph:	1200-1500, 3790-4100, 4900-5152 K.B.	
	214-5175 K.B.	

Formation Record:

Name	Schl. Top	Schl. Bottom
Pictured Cliffs	1400	+4909
Mesaverde	1673	+4631
Pt. Lookout	3850	+2459
Mancos	4010	+2299
Upper Gallup	4950	+1359
Gallup Pay	5029	+1280



Core Record:

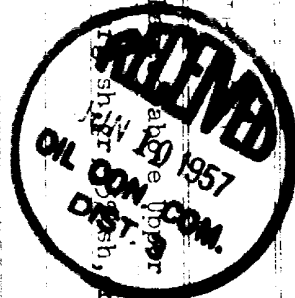
None

Drill Stem Test Record:

None

SAMPLE REPORT

WELL NAME	FROM	TO	NEEDS	
British-American #R-14 Douthitt Pistil-Gallup Area San Juan County, New Mexico C NW SW Section 28-26N-13W	4950 4960 4970 4980 4990 5000 5010 5020 5030 5040 5050 5060 5070 5080 5090 5120 5130 5175	4960 4970 4980 4990 5000 5010 5020 5030 5040 5050 5060 5070 5080 5090 5120 5130 5175		Sample description starts in lower Few sltst, fr-vfg, s&p, hd & tj, few v Same w/incr sltst. Same w/incr sltst & sty sh. 5% sltst do, 95% sh arg & mic, few v sdy. Same 10% sltst do, 90% sh do. Same 5% sltst do, 95% sh do. Same Tr sltst do, 99% sh do. 100% sh, w/few sltst & few carb sh, blk. Tr ss, f-wg, cl-sl cly fill, 3&p, fair p&p, 5% shly sd, gr, 94% sh do. Tr ss, f-wg, do, 10% shly sd do, 89% sh do. 10% shly sd do, 90% sh do w/few v sdy. Same Same 100% shly sd, vfg, gr, s&p, cly fill & sdy sh.



GEOLOGICAL COMPLETION REPORT FOR
BRITISH-AMERICAN #B-14 DOUTHIT

Well Classification:

Development well, Bisti-Gallup
San Juan County, New Mexico
British-American #B-14 Douthit
C NE SW Section 28-26N-13W

Well Data:

Commenced drilling:	May 4, 1957
Completed drilling:	May 12, 1957
Contractor:	Foree Drilling Company
Casing Record:	Set 9 5/8" @ 214 K.B. w/200 sax reg cmt. Set 5 1/2" @ 5174 K.B. w/100 sax cmt 3% gel.
Elevation:	G.L. 6299, K.B. 6309
Total Depth and Datum	Driller & E.S. 5175 + 1134
PBTD, Datum and Formation:	5156 + 1153, Gallup sandstone.

Completion Data:

Producing zone:	Callup	Net Pay:
		48' perforated
Perforations:	Perf. 5038-54, 5072-5080, 5096-5110 w/19 GM jets/4 ft.	
Treatment:	Natural	
Initial Production:	Pumped 182 bbls oil and no water in 24 hours thru 14 x 54 SPM. TP 20 CP 20	

GOR: 389/1

Geological Data:

Logging Data:

Samples:	10' from 4950-5175	Stored at: American Strati- graphic Co., Denver, Colo.
E.S. Induction	2" from 213-5169 K.B.	
	5" from 1200-1500, 3800-4100, 4400-5169 K.B.	
Microlog:	Same as 5" E.S.	
Gamma Ray:	1200-1500, 3790-4100, 4900-5152 K.B.	
Geolograph:	214-5175 K.B.	

Formation Record:

<u>Name</u>	<u>Schl. Top</u>	<u>Schl. Datum</u>
Pictured Cliffs	1400	+4909
Mesaverde	1678	+4631
Pt. Lookout	3850	+2459
Mancos	4010	+2299
Upper Gallup	4950	+1359
Gallup Pay	5029	+1280



Core Record:

None

Drill Stem Test Record:

None

SAMPLE REPORT

WELL NAME	4950	4970	4980	4990
<u>British-American #B-14</u> <u>South</u> <u>Picket-Gallup Area</u> <u>San Juan County, New Mexico</u> <u>C NE NW Section 28-26N-13W</u>	4950	4960	4970	4980
	4960	4970	4980	4990
	5000	5010	5020	5030
	5040	5050	5060	5070
	5080	5090	5100	5110
	5120	5130	5140	5150
	5160	5170	5180	5190
	5200	5210	5220	5230
	5240	5250	5260	5270
	5280	5290	5300	5310
	5320	5330	5340	5350
	5360	5370	5380	5390
	5400	5410	5420	5430
	5440	5450	5460	5470
	5480	5490	5500	5510
	5520	5530	5540	5550
	5560	5570	5580	5590
	5600	5610	5620	5630
	5640	5650	5660	5670
	5680	5690	5700	5710
	5720	5730	5740	5750
	5760	5770	5780	5790
	5800	5810	5820	5830
	5840	5850	5860	5870
	5880	5890	5900	5910
	5920	5930	5940	5950
	5960	5970	5980	5990
	6000	6010	6020	6030
	6040	6050	6060	6070
	6080	6090	6100	6110
	6120	6130	6140	6150
	6160	6170	6180	6190
	6200	6210	6220	6230
	6240	6250	6260	6270
	6280	6290	6300	6310
	6320	6330	6340	6350
	6360	6370	6380	6390
	6400	6410	6420	6430
	6440	6450	6460	6470
	6480	6490	6500	6510
	6520	6530	6540	6550
	6560	6570	6580	6590
	6600	6610	6620	6630
	6640	6650	6660	6670
	6680	6690	6700	6710
	6720	6730	6740	6750
	6760	6770	6780	6790
	6800	6810	6820	6830
	6840	6850	6860	6870
	6880	6890	6900	6910
	6920	6930	6940	6950
	6960	6970	6980	6990
	7000	7010	7020	7030
	7040	7050	7060	7070
	7080	7090	7100	7110
	7120	7130	7140	7150
	7160	7170	7180	7190
	7200	7210	7220	7230
	7240	7250	7260	7270
	7280	7290	7300	7310
	7320	7330	7340	7350
	7360	7370	7380	7390
	7400	7410	7420	7430
	7440	7450	7460	7470
	7480	7490	7500	7510
	7520	7530	7540	7550
	7560	7570	7580	7590
	7600	7610	7620	7630
	7640	7650	7660	7670
	7680	7690	7700	7710
	7720	7730	7740	7750
	7760	7770	7780	7790
	7800	7810	7820	7830
	7840	7850	7860	7870
	7880	7890	7900	7910
	7920	7930	7940	7950
	7960	7970	7980	7990
	8000	8010	8020	8030
	8040	8050	8060	8070
	8080	8090	8100	8110
	8120	8130	8140	8150
	8160	8170	8180	8190
	8200	8210	8220	8230
	8240	8250	8260	8270
	8280	8290	8300	8310
	8320	8330	8340	8350
	8360	8370	8380	8390
	8400	8410	8420	8430
	8440	8450	8460	8470
	8480	8490	8500	8510
	8520	8530	8540	8550
	8560	8570	8580	8590
	8600	8610	8620	8630
	8640	8650	8660	8670
	8680	8690	8700	8710
	8720	8730	8740	8750
	8760	8770	8780	8790
	8800	8810	8820	8830
	8840	8850	8860	8870
	8880	8890	8900	8910
	8920	8930	8940	8950
	8960	8970	8980	8990
	9000	9010	9020	9030
	9040	9050	9060	9070
	9080	9090	9100	9110
	9120	9130	9140	9150
	9160	9170	9180	9190
	9200	9210	9220	9230
	9240	9250	9260	9270
	9280	9290	9300	9310
	9320	9330	9340	9350
	9360	9370	9380	9390
	9400	9410	9420	9430
	9440	9450	9460	9470
	9480	9490	9500	9510
	9520	9530	9540	9550
	9560	9570	9580	9590
	9600	9610	9620	9630
	9640	9650	9660	9670
	9680	9690	9700	9710
	9720	9730	9740	9750
	9760	9770	9780	9790
	9800	9810	9820	9830
	9840	9850	9860	9870
	9880	9890	9900	9910
	9920	9930	9940	9950
	9960	9970	9980	9990
	10000	10010	10020	10030
	10040	10050	10060	10070
	10080	10090	10100	10110
	10120	10130	10140	10150
	10160	10170	10180	10190
	10200	10210	10220	10230
	10240	10250	10260	10270
	10280	10290	10300	10310
	10320	10330	10340	10350
	10360	10370	10380	10390
	10400	10410	10420	10430
	10440	10450	10460	10470
	10480	10490	10500	10510
	10520	10530	10540	10550
	10560	10570	10580	10590
	10600	10610	10620	10630
	10640	10650	10660	10670
	10680	10690	10700	10710
	10720	10730	10740	10750
	10760	10770	10780	10790
	10800	10810	10820	10830
	10840	10850	10860	10870
	10880	10890	10900	10910
	10920	10930	10940	10950
	10960	10970	10980	10990
	11000	11010	11020	11030
	11040	11050	11060	11070
	11080	11090	11100	11110
	11120	11130	11140	11150
	11160	11170	11180	11190
	11200	11210	11220	11230
	11240	11250	11260	11270
	11280	11290	11300	11310
	11320	11330	11340	11350
	11360	11370	11380	11390
	11400	11410	11420	11430
	11440	11450	11460	11470
	11480	11490	11500	11510
	11520	11530	11540	11550
	11560	11570	11580	11590
	11600	11610	11620	11630
	11640	11650	11660	11670
	11680	11690	11700	11710
	11720	11730	11740	11750
	11760	11770	11780	11790
	11800	11810	11820	11830
	11840	11850	11860	11870
	11880	11890	11900	11910
	11920	11930	11940	11950
	11960	11970	11980	11990
	12000	12010	12020	12030
	12040	12050	12060	12070
	12080	12090	12100	12110
	12120	12130	12140	12150
	12160	12170	12180	12190
	12200	12210	12220	12230
	12240	12250	12260	12270
	12280	12290	12300	12310
	12320	12330	12340	12350
	12360	12370	12380	12390
	12400	12410	12420	12430
	12440	12450	12460	12470
	12480	12490	12500	12510
	12520	12530	12540	12550
	12560	12570	12580	12590
	12600	12610	12620	12630
	12640	12650	12660	12670
	12680	12690	12700	12710
	12720	12730	12740	12750
	12760	12770	12780	12790
	12800	12810	12820	12830
	12840	12850	12860	12870
	12880	12890	12900	12910
	12920	12930	12940	12950
	12960	12970	12980	12990
	13000	13010	13020	13030
	13040	13050	13060	13070
	13080	13090	13100	13110
	13120	13130	13140	13150
	13160	13170	13180	13190
	13200	13210	13220	13230
	13240	13250	13260	13270
	13280	13290	13300	13310
	13320	13330	13340	13350
	13360	13370	13380	13390
	13400	13410	13420	13430
	13440	13450	13460	13470
	13480	13490	13500	13510
	13520	13530	13540	13550
	13560	13570	13580	13590
	13600	13610	13620	13630
	13640	13650	13660	13670
	13680	13690	13700	13710
	13720	13730	13740	13750
	13760	13770	13780	13790
	13800	13810	13820	13830
	13840	13850	13860	13870
	13880	13890	13900	13910
	13920	13930	13940	13950
	13960	13970	13980	13990
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	14080	14090	14100	14110
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	14160	14170	14180	14190
	14200	14210	14220	14230
	14240	14250	14260	14270
	14280	14290	14300	14310
	14320	14330	14340	14350
	14360	14370	14380	14390
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	14440	14450	14460	14470
	14480	14490	14500	14510
	14520	14530	14540	14550
	14560	14570	14580	14590
	14600	14610	14620	14630
	14640	14650	14660	14670
	14680	14690	14700	14710
	14720	14730	14740	14750
	14760	14770	14780	14790
	14800	14810	14820	14830
	14840	14850	14860	14870
	14880	14890	14900	14910
	14920	14930	14940	14950
	14960	14970	14980	14990
	15000	15010	15020	15030
	15040	15050	15060	1507