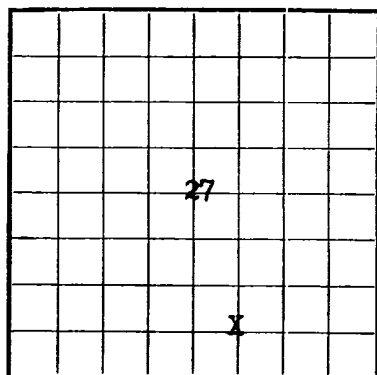




RECEIVED
MAR 28 1957
OIL CON. COM.
DIST. 2
DEPT

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078091
LEASE OR PERMIT TO PROSPECT _____
Gov. Douthitt

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The British-American Oil Prod. Co. Address Box 180 - Denver 1, Colorado
Lessor or Tract Douthitt "B" Field Bisti-Gallup State New Mexico
Well No. B-6 Sec. 27 T. 26N R. 13W Meridian New Mexico P.M. County San Juan
Location 660 ft. N of S Line and 2080 ft. EX of E Line of SE/4 Section 27 Elevation 6227 GL

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 James H. Dyer

Date March 27, 1957 Title District Superintendent

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

Commenced drilling February 16, 1957 Finished drilling March 10, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from ^{Top} from Pictured Cliffs @ 1275 No. 2, from Chacra to 1610 No. 3, from Pt. Lookout to 3762	No. 4, from ^{Top} Mancos xx @ 3913 No. 5, from ^{Top} Gallup xx @ 4854 No. 6, from _____ to _____
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IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

Size casting	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9-5/8	25.4	Slip Ft.	Armco	200'	Texas				
5-1/2	14.1	8 Rd.	Armco	4758'			5010	5020	
5-1/2	19.5	8 Rd.	Armco	138'			4948	4942	
H121057 OK OFF OK Cvt 11/11									

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	Allied Cementers		
5-1/2	5064 KB	100	Rocky Mountain 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 5065 KB feet, and from _____ feet to _____ feet.
Cable tools were used from 4996 KB feet to 5050KB feet, and from _____ feet to _____ feet.

DATES

-----, 19----- Put to producing March 10 19 57

The production for the first 24 hours was 152 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 38.7

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Free Drilling Company _____, Driller
_____, Driller
_____, Driller
_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Perforated with 4 - 19 gram jets per foot from 5010 to 5020' KB PBD 5050' KB - Broke formation with 20 BO at 2550 psi. Treated through perforations with 10,000# sand and 10,000 gal. oil at 2550 psi and 36.4 barrels per minute. Flushed with 140 BO at 2400 psi and 40 barrels per minute. Perforated 4948 to 4972' KB with 4 - 19 gram jets per foot. Fracture treated with 25,000 # sand and 25,000 gal. oil. Maximum pressure 2700 psi Average injection rate 42 barrels per minute. Swab tested and cleaned out sand. Recovered load oil and put well on pump. Initial production prior to fracture treatment - 1 gal. oil in 6 hours with bailer. Initial production after fracture treatment - 152 BOPD in 24 hours - 12 x 54 SPM.			
0	215		Surface sand, clay and gravel
215	502		Sand
502	1412		Sand & Shale
1412	2340		Sandy Shale
2340	2636		Shale & Sand
2636	3314		Sand & Shale
3314	4057		Shale & Sand
4057	4370		Shale
4370	4477		Shale & Sand
4477	4667		Shale
4667	4753		Shale & Sand
4753	4860		Sandy Shale
4860	5038		Shale & Sand
5038	5065		Sandy Shale

Returned Cliffs 1275

Cliff house 2000

Blanco 3915

Gallup 4790

Lower Gallup 4950

(OVER)

16-43094-4

(These formations per driller)

GEOLOGICAL COMPLETION REPORT FOR
BRITISH-AMERICAN B-6 DOUTHIT

Well Classification

Development well, Bisti-Gallup
San Juan County, New Mexico
British-American B-6 Douthit
C SW SE Section 27-26N-13W

Well Data

Commenced drilling: February 19, 1957
Completed drilling: February 26, 1957
Contractor: Foree Drilling Company
Casing record: 9-5/8" at 213.95 KB w/200 sax reg cmt
5-1/2" at 5064.00 KB w/100 sax cmt 3% cel
Elevation: 6227' GL, 6237' KB
Total Depth and Datum: Driller 5065, plus 1172
ES 5066 plus 1171
PBTD, Datum & Formation: 5050 plus 1187, Gallup Ss

Completion Data

Producing zone: Gallup Ss Net Pay: 34' perf.

Perforations & Treatment: Perf. 5010-20 w/19 GM jets 4/ft,
Sand-oil frac w/10,000 gals oil &
10,000 lbs sd, break down pressure
2250 lbs PSI, injection rate 36.4 BPM,
Perf. 4948-72 w/196 jets 4/ft, injected
44 Neoprene coated nylon balls and sand-
oil fractured both zones.

Fluid to form	CP
BD Oil	2100
44 balls	2300
5000 lbs sd & 5000 gals oil	2300-2200
20 balls	2400
5000 lbs sd & 5000 gals oil	2400
20 balls	2500
5000 lbs sd & 5000 gals oil	2550
20 balls	2600
5000 lbs sd & 5000 gals oil	2600
20 balls	2700
5000 lbs sd & 5000 gals oil	2700
132 BO flush	2800
Average injection rate 42 FPM	

Initial Production: Pumped 199.09 bbls oil and no water in 24
hrs, 12 x 54 SPM, TP & CP 20.

GCR: 387/1.