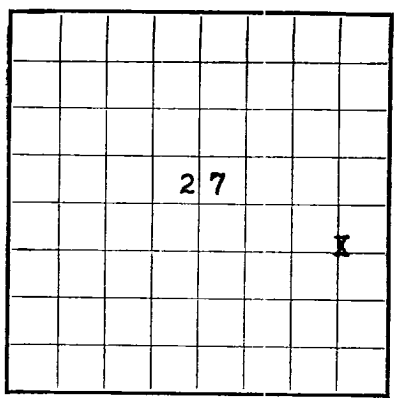
Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078091
LEASE OR PERMIT TO PROSPECT Gov't. Douthit



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
OIL CON. COM.
DIST. 3

LOG OF OIL OR GAS WELL

Company The British-American Oil Prod.Co. Address P.O.Box 180, Denver 1, Colorado
Lessor or Tract Gov't. Douthit "B" Field Bisti-Gallup State New Mexico
Well No. B-19 Sec. 27 T. 26N R. 13W Meridian NMPM County San Juan
Location 1980 ft. {N. / S.} of S Line and 660 ft. {E. / W.} of E Line of Section 27 Elevation G.L. 6198'

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 Original Signed by George W. Murphy
Date May 1, 1959 Title Assistant General Superintendent

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

Commenced drilling April 8, 19 59 Finished drilling April 19, 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

	TOP			TOP	
No. 1,	Picture Cliff	to 1264'	No. 4,	Mancos	3907'
No. 2,	Chacra	to 1594'	No. 5,	Lower Gallup	4932'
No. 3,	Pt. Lookout	to 3742'	No. 6,	Top of Pay	4943'

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—	Perforated To—	Purpose
9 5/8	25.4	Slip jt.	Armco	201	Texas Pattern				Protect Wtr. Sds.
5 1/2	14.0	8 Rd.	J-55	5080	Guide		4944	4957	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	215 KB	200 sx	Rocky Mountain Service Company		
5 1/2	5078 KB	100 sx	Halliburton		

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 5080 feet, and from ..... feet to ..... feet
Cable tools were used from 5007 feet to 5011 feet, and from ..... feet to ..... feet

DATES

May 1, 19 59 Put to producing April 30, 19 59

The production for the first 24 hours was 93 barrels of fluid of which 100 % was oil; - % emulsion; - % water; and - % sediment. Gravity, °Bé. 37.5

If gas well, cu. ft. per 24 hours - Gallons gasoline per 1,000 cu. ft. of gas -
Rock pressure, lbs. per sq. in. .....

EMPLOYEES

Herndon Drilling Company, Driller ....., Driller
Rota Cone, Driller ....., Driller

FORMATION RECORD

PBD - 5011' KB - Swabbed hole down and cleaned out to 5011' KB. Ran Gamma Ray correlation log from 5012' to 4700'. Perforated with 4 super csg. jets per ft. from 4944' to 4957'. Cleaned out with bailer to 5011'. Loaded hole with 120 bbls. oil - Breakdown with 15 bbls oil at rate of 45 bbls per min, 2800 psi to 2400 psi. Fraced down 5½" csg with 60,000 lbs. sd., 30,000 gals. of lease crude, and 1500 lbs of Adomite. Frac pressure 2300 psi to 2150 psi at rate of 43.4 bbls per min. Flushed with 130 bbls of oil at 2300 psi at rate of 44 bbls per min. Final press 2300 psi. Five min. shut in pressure 1000 psi. Used 980 bbls of load oil. Flowed back 61 bbls. of load oil in 2 hours. Cleaned out 12' of sd. Swabbed 919 bbls of load oil in 4 days. Ran 158 joints of 2" EUE tubing 4970' and landed at 4980' KB. Perforated nipple 4945' to 4948'. Pump seating nipple at 4944'. Ran 2" x 1½" x 16 pump, 198-3/4" x 25' rods, 4' pony rod, and 1¼" x 16' polish rod.

FROM—	TO—	TOTAL FEET	FORMATION
0	216	216	Surface Hole
216	860	644	Sandy Shale
860	4,120	3,260	Sand & Shale
4,120	4,320	200	Shale
4,320	4,735	415	Sand & Shale
4,735	4,850	115	Shale
4,850	5,065	215	Sand & Shale
5,065	5,080	20	Shale
	5,080		T.D.

16—43094-4

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.