

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

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

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: _____
 Thomas M. Egan

Date April 12, 1957

Title **District Superintendent**

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

Commenced drilling March 11., 1957 Finished drilling April 8., 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, 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 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 Jt	Armco	200:	Texas				
5-1/2	14	Std	J-95	5137	Baker		4926	4938	
							4968	4968	

MUDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

Heaving plug—Material Q 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 5116 KB feet, and from _____ feet to _____ feet
Cable tools were used from 4981 KB feet to 5081 KB feet, and from _____ feet to _____ feet

DATES

-----, 19----- Put to producing ~~April 8~~-----, 1957-----

The production for the first 24 hours was 273 barrels of fluid of which 100 % was oil; no % emulsion; no % water; and no % sediment. Gravity, °Bé. 37.3

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

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

Force Drilling Co., Driller _____, Driller _____
 _____, Driller _____, Driller _____

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
	SEE ATTACHED: Induction-Electrical log Micro Log Completion Report Sample Report		

SECRET
REF ID: A6870

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

[illegible]

Date April 22, 1957
This District Superintendent
Signed _____
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.
Oiled _____
Location 1980 ft. of 2 1/2 inch and 600 ft. of 2 1/4 inch of Sec 28. Elevation 5233 ft. Well No. B-9 Sec 28 T 30N R 13W Meridian New Mexico SA County San Juan Township 18N Range 18E State New Mexico Lessor or Trust

Company The British-American Oil Field Address Box 180, Denver 1, Colorado

Commenced drilling March 11, 1957 Finished drilling April 8, 1957

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

Date April 12, 1957
 District Superintendent

OIL OR GAS SANDS OR ZONES

(D) $\frac{1}{2} \log 2$ (E) $\frac{1}{2} \log 4$

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

IMPORTANT WATER SAVING

No. 1, from	No. 8, from
No. 2, from	No. 4, from

READING RECORD

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, together with the reasons for the work and its results. If there were any changes made in the casing, specify them, giving 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 rings or hangers were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

6-70007-71

MUDDING AND CEMENTING RECORD

Coating Size	Weight	Number sacks of cement	Mortar used	Mortar gravity	Amount of sand in cubic feet
2-1/2" x 11-1/2" x 8"	2113 LB	100	"	"	
2-5/8" x 11" x 8"	314 LB	500	heavy mortar plaster		

PLUGS AND ADAPTERS

Adapters—Material	Size	Weight	Defect set
Heavy plug—Material	Q	Weight	Defect set

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Oodip cleaned out

TOOLS USED

DATES	
Cable tools were used from 1931 to 1933 and from 1935 to 1936	Rotary tools were used from 1933 to 1935 and from 1937 to 1938

23TAG

1. The production for the first 24 hours was 3275
2. The production for the next 24 hours was 3275
3. The production for the next 24 hours was 3275
4. The production for the next 24 hours was 3275
5. The production for the next 24 hours was 3275
6. The production for the next 24 hours was 3275
7. The production for the next 24 hours was 3275
8. The production for the next 24 hours was 3275
9. The production for the next 24 hours was 3275
10. The production for the next 24 hours was 3275

EMPHLOYEES

Dr. J. H. ...	Dr. J. H. ...	Dr. J. H. ...	Dr. J. H. ...
Dr. J. H. ...	Dr. J. H. ...	Dr. J. H. ...	Dr. J. H. ...

INFORMATION RECORD

FORMER	FORMER	FORMER	FORMER
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get /nɒl/ntʃəli-ndɪkəntri
get /nɒl/ntʃəli-ndɪkəntri
get /nɒl/ntʃəli-ndɪkəntri
get /nɒl/ntʃəli-ndɪkəntri

FROM	TO	TOTAL FEET	FORMATION
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FORMATION RECORD—Continued

GEOLOGICAL COMPLETION REPORT FOR
BRITISH-AMERICAN #B-2 DOUTHIT

Well Classification:

Development well, Bisti-Gallup
San Juan County, New Mexico
British-American #B-2 Douthit
C NE E Section 26-26N-13W

Well Data:

Commenced Drilling:	March 14, 1957
Completed drilling:	March 22, 1957
Contractor:	Forree Drilling Company
Casing Record:	Set 9 5/8" @ 213.90 K.B. w/200 sax reg cmt. Set 5 1/2" @ 5114 w/100 sax cmt 3% gel.
Elevation:	6231 G.L.: 6241 K.B.
Total Depth and Datum:	Driller 5120 + 1121 E.S. 5118 + 1123
PBTD, Datum and Formation:	5081 + 1160 Gallup

Completion Data:

Producing zone:	Gallup sandstone	Net Pay:
		32' perforated
Perforations and treatment:	Perf. 4967-4988, 5026-5038 w/16 GM jets 4/ft. Sand-oil frac w/30,000 galls oil & 30,000 pounds sand.	

Fluid to Form	Press	IR
Breakdown oil	2000-1600	10.5 B/M
5000 lbs & 5000 gal oil	2350	43.0
23 rubber coated nylon balls	2350-2300	
5000 lbs sd & 5000 gal oil	2300	43.0
23 balls	2350	
5000 lbs sd & 5000 gal oil	2350	43.0
23 balls	2400	
5000 lbs sd & 5000 gal oil	2400	42.5
23 balls	2550	
5000 lbs sd & 5000 gal oil	2550	42.3
23 balls	2800	
5000 lbs sd & 5000 gal oil	2800	42.0
135 BC flush	2750	42.0
PIP	1200	
PIP after 5 min.	1150	

Initial production: Pumped 136 BO & no water in 24 hours.
10 x 54 SPM, TP 20 CP O

COR:

Geological Data:

Logging Data:

Samples:	10' from 4350-5120 K.B.	Stored: American Stratigraphic Company, Denver, Colorado
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British-American #B-9 Douthit

-2-

E.S.-Induction:	2" from 212-5112 K.B.
Microlog:	5" from 1200-1400, 3700-4050, 4300-5112 K.B.
Gamma Ray:	Same as 5" E.S.-Induction
Geolograph:	1200-1500, 3750-4000, 4800-5082 K.B.
	212-5120 K.B.

Formation Record:

<u>Sample Top</u>	<u>Schl. Top</u>	<u>Schl. Datum</u>
Pictured Cliffs	1294	+4947
Mesaverde	1597	+4644
Pt. Lookout	3727	+2514
Mancos	3954	+2287
Upper Gallup	4372	+1303
Gallup Pay	4953	+1233

Core Record:

No cores taken.

Drill Stem Test Record:

No drill stem tests taken.

SAMPLE REPORT

Date

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WELL NAME	FROM	TO	THICK- NESS	LITHOLOGY
<u>British-American #B-9 Douthett</u>				
Bisti-Callup area	4850	4860		Sample description starts in the lower Mancos shale.
C NE SE Section 28-26N-13W	4860	4880		100% sh, gr-olive gr, sl arg & mic, few sltst, gr-vfg, s&p, ti.
San Juan County, New Mexico	4880	4890		Same
	4890	4900		5% sltst-ss, gr-vfg, s&p, hd & ti, 95% sh do.
	4900	4910		10% do, 90% do.
	4910	4920		15% do, 85% do.
	4920	4930		10% do, 90% do.
	4930	4940		Same
	4940	4950		100% sh, gr-olive gr, sl arg & mic, few sltst, gr-vfg, s&p, hd & ti.
	4950	4960		Same
	4960	4970		Same
	4970	4980		100% sh, gr-dk gr-blk, few arg & mic, few blk carb.
	4980	4990		Same
	4990	5000		5% ss, gr-brn, fg, few s&p, v sli cly fill, fair por, 95% sh & sltst do.
	5000	5010		5% ss, gr-fg, do, 5% ss, gr-brn, pp&p, sl cly fill, 20% sh & sltst do.
	5010	5020		Tr ss, gr-fg, 10% ss, gr-brn, vfg, pp&p, cly fill, s&p, 89% do.
	5020	5030		5% ss, gr-brn, vfg do, 15% shly sd, gr-brn, vfg, v cly fill, 80% sh do.
	5030	5050		15% shly sd do, 85% shly sd & sdy sh, gr-blk, arg.
	5050	5060		Same
	5060	5070		10% shly sd do, 90% shly sd & sdy sh.
	5070	5080		Same
	5080	5120		100% shly sd & sdy sh.
				Same

GEOLOGIST H. A. Holton