

U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **078091**

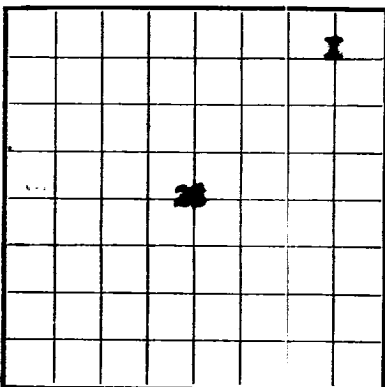
LEASE OR PERMIT TO PROSPECT

Gov. Dearthit

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company **The British-American Oil Prod. Co.** Address **Box 180 - Denver 1, Colorado**
Lessor or Tract **Dearthit** Field **Bisti-Gallup** State **New Mexico**
Well No. **B-16** Sec. **28** T. **26N** R. **13W** Meridian **New Mexico P.M.** County **San Juan**
Location **660** ft. **N.** of **E** Line and **660** ft. **W.** of **E** Line of **NE/4 Sec. 28** Elevation **6257.8** 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 **J. E. Stein**Date **August 6, 1957**Title **District Engineer**

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

Commenced drilling **June 28,** 19**57** Finished drilling **July 30,** 19**57**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

Top **Pictured Cliffs** 1325
No. 1, from **Chacra** to **1625**
No. 2, from **Pt. Lookout** to **3767**
No. 4, from **Manaos** to **3970**
No. 5, from **Gallup** to **4926**
No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, 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		Purpose
							From—	To—	
9-5/8	25.4	Slip Jt.	Armo	200'	Texas				
5-1/2	14.0	8 Bl.	J-55	5173'	Reamer				

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	Rocky Mtn. Cementers		
5-1/2	5176' KB	100	B. J. Service		

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 _____ feet to **5176' KB** feet, and from _____ feet to _____ feet
Cable tools were used from **5106' KB** feet to **5153' KB** feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **July 31,** 19**57**

The production for the first 24 hours was **53** barrels of fluid of which **100** % was oil; **no** % emulsion; **no** % water; and **no** % sediment. Gravity, °Bé. **35.0**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Ferco Drilling Company _____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

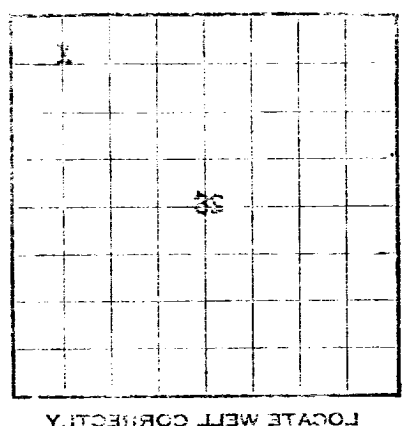
FROM—	TO—	TOTAL FEET	FORMATION
FED - 5153' KB - Loaded hole with 40 BQ. Perforated with 4 jet shots per foot from 5020 to 5030 and from 5070 to 5086. Swabbed back 40 barrels lead oil. Bailer tested 8 hrs and recovered 5 gallons new oil per hour. Rigged up Dowell and fractured with 35,000 pounds sand and 35,000 gallons oil in 7 stages of 5,000 each, using 22 nylon balls per stage. Total of 1,125 barrels lead oil to recover. Well flowed back 193 barrels lead oil in 10 hours. Rigged up and cleaned out 45 ft. sand and 71 balls. Swabbed casing 5 hours and recovered 177 barrels lead oil, 755 barrels lead oil to recover. Swabbed casing 6 days and recovered 556 barrels lead oil with 199 barrels lead oil to recover. Rigged up and ran 159 joints of 2" EUE tubing, landed at 5045.06' KB. Perforated nipple at 5009.85 to 5012.94' KB, pump seat at 5009.05' KB. Produced 61 hours and recovered 199 barrels lead oil and 1 barrel new oil on 12 x 54 SFM. First 24 hours of new oil was 53 barrels on 12 x 54 SFM.			
DRILLERS LOG			
0	215		Surface gravel, shale & sand
215	1940		Shale & sand
1940	2225		Shale, sand & coal
2225	2607		Shale, sand & coal
2607	2762		Shale, sand & coal
2762	3464		Shale, sand & coal
3464	4258		Shale, sand & coal
4258	4385		Sand & shale
4385	4500		Sandy shale



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LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



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

Commenced drilling June 23, 1927 Finished drilling July 30, 1927

Date August 6, 1927

Signed J. E. Stein
District Engineer

The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.

Original Signed By:

Location 800 ft. of N. 1/2 of Sec. 28 T. 13N R. 13W Meridian New Mexico P.M. County San Juan State New Mexico

Well No. B-16

Lessor or Tract Donatist Field Santa Fe

Company The National American Oil Prod. Co. Address Box 110 - Denver 1, Colorado

Elevation 6237.3 ft.
(Vertical distance to sea level)

OIL OR GAS SANDS OR ZONES

Top		(Donts pas pu G)	
No. 1 from	Planned Cliffs	1955	No. 4 from
No. 2 from	Chaparral	1955	No. 5 from
No. 3 from	St. Leonard	1957	No. 6 from

IMPORTANT WATER SANDS

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

CASINO RECORD

Size casting per foot	Weight per foot	Threads per inch	Male	Amount	Kind of shoe cut and buffer used	Perforated From To	Purpose
2 1/8	22.4	8 1/2	10000	5000	Texas		

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 of dynamite, and number of shots. If any of the above were purchased, state the name of the dealer, state the amount of material used, position and results of pumping or balling.

HISTORY OF OIL OR GAS WELL

Size	Weight	Number each of cement	Method used	Mud grade	Amount of mud used
MUDGING AND CEMENTING RECORD					
U. S. GOVERNMENT PRINTING OFFICE					
16-48004-2					

RECORDING AND CEMENTING RECORD

Case No.	Where set	Number each of cement	Method used	Mud gravity	Amount of mud used
115	516' 10"	100	B. J. Service		
518	517' 10"	200	Rocky Hill Cementers		

PLUGS AND ADAPTERS

Adapters—Material	Length	Diameter set

SHOOTING RECORD

[illegible]

TOOLS USED

Cable tools were used from		Rotary tools were used from	
DATE	FEET TO	DATE	FEET TO
5100	feet to	5175	feet to
feet and from		feet and from	

DATE

It gas well on 14 per 24 hours emulsion; <u>no</u> $\frac{1}{2}$% water; and <u>no</u> $\frac{1}{2}$% sediment.	Put to producing July 31, 1927
The production for the first 24 hours was 23 barrels of fluid of which 100% was oil. Gravity 25.0	20

EMPLOYEES

Driller		Driller	Force lifting company
Driller		Driller	

FORMATION RECORD

FROM -	TO -	TOTAL FEET	FORMATION RECORD
			FORMATION

of new oil was 53 barrels on 12 x 24 24M.
and recovered 199 barrels load oil and 1 barrel new oil on 12 x 24 24M. First 24 hours
forated nights at 5009.85 to 5012.94' KB, pump seat at 5009.05' KB. Produced 61 hours
recover. Rigged up and ran 159 joints of 2" EUE tubing, landed at 5045.06' KB. 1st-
Swapped casing 6 days and recovered 556 barrels load oil with 199 barrels load oil to
Swapped casing 5 hours and recovered 177 barrels load oil, 755 barrels load oil to recover.
barrels load oil in 10 hours. Rigged up and cleaned out 45 ft. sand and 71 balls.
balls per stage. Total of 1,135 barrels load oil to recover. Well flowed back 193
35,000 pounds sand and 35,000 gallons oil in 7 stages of 5,000 each, using 22 nylon
8 hrs and recovered 5 gallons new oil per hour. Rigged up Howell and fractured with
5050 to 5070 and from 5070 to 5086. Swapped back 40 barrels load oil. Baller tested
500 - 5153' KB - Loaded hole with 40 80. Perforated with 4 jet shots per foot from

~~DECLASSIFIED~~

FROM	TO	TOTAL FEET	OTHER INFORMATION
1322	1200		Gravelly shale & sand
1321	1199		Gravelly shale & sand
1320	1198		Gravelly shale & sand
1319	1197		Gravelly shale & sand
1318	1196		Gravelly shale & sand
1317	1195		Gravelly shale & sand
1316	1194		Gravelly shale & sand
1315	1193		Gravelly shale & sand
1314	1192		Gravelly shale & sand
1313	1191		Gravelly shale & sand
1312	1190		Gravelly shale & sand
1311	1189		Gravelly shale & sand
1310	1188		Gravelly shale & sand
1309	1187		Gravelly shale & sand
1308	1186		Gravelly shale & sand
1307	1185		Gravelly shale & sand
1306	1184		Gravelly shale & sand
1305	1183		Gravelly shale & sand
1304	1182		Gravelly shale & sand
1303	1181		Gravelly shale & sand
1302	1180		Gravelly shale & sand
1301	1179		Gravelly shale & sand
1300	1178		Gravelly shale & sand
1299	1177		Gravelly shale & sand
1298	1176		Gravelly shale & sand
1297	1175		Gravelly shale & sand
1296	1174		Gravelly shale & sand
1295	1173		Gravelly shale & sand
1294	1172		Gravelly shale & sand
1293	1171		Gravelly shale & sand
1292	1170		Gravelly shale & sand
1291	1169		Gravelly shale & sand
1290	1168		Gravelly shale & sand
1289	1167		Gravelly shale & sand
1288	1166		Gravelly shale & sand
1287	1165		Gravelly shale & sand
1286	1164		Gravelly shale & sand
1285	1163		Gravelly shale & sand
1284	1162		Gravelly shale & sand
1283	1161		Gravelly shale & sand
1282	1160		Gravelly shale & sand
1281	1159		Gravelly shale & sand
1280	1158		Gravelly shale & sand
1279	1157		Gravelly shale & sand
1278	1156		Gravelly shale & sand
1277	1155		Gravelly shale & sand
1276	1154		Gravelly shale & sand
1275	1153		Gravelly shale & sand
1274	1152		Gravelly shale & sand
1273	1151		Gravelly shale & sand
1272	1150		Gravelly shale & sand
1271	1149		Gravelly shale & sand
1270	1148		Gravelly shale & sand
1269	1147		Gravelly shale & sand
1268	1146		Gravelly shale & sand
1267	1145		Gravelly shale & sand
1266	1144		Gravelly shale & sand
1265	1143		Gravelly shale & sand
1264	1142		Gravelly shale & sand
1263	1141		Gravelly shale & sand
1262	1140		Gravelly shale & sand
1261	1139		Gravelly shale & sand
1260	1138		Gravelly shale & sand
1259	1137		Gravelly shale & sand
1258	1136		Gravelly shale & sand
1257	1135		Gravelly shale & sand
1256	1134		Gravelly shale & sand
1255	1133		Gravelly shale & sand
1254	1132		Gravelly shale & sand
1253	1131		Gravelly shale & sand
1252	1130		Gravelly shale & sand
1251	1129		Gravelly shale & sand
1250	1128		Gravelly shale & sand
1249	1127		Gravelly shale & sand
1248	1126		Gravelly shale & sand
1247	1125		Gravelly shale & sand
1246	1124		Gravelly shale & sand
1245	1123		Gravelly shale & sand
1244	1122		Gravelly shale & sand
1243	1121		Gravelly shale & sand
1242	1120		Gravelly shale & sand
1241	1119		Gravelly shale & sand
1240	1118		Gravelly shale & sand
1239	1117		Gravelly shale & sand
1238	1116		Gravelly shale & sand
1237	1115		Gravelly shale & sand
1236	1114		Gravelly shale & sand
1235	1113		Gravelly shale & sand

