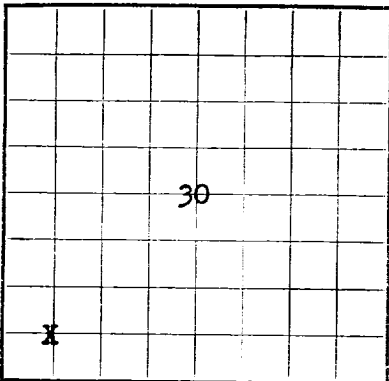




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078100
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Gov't. Warren

LOG OF OIL OR GAS WELL

Company The British-American Oil Prod. Co. Address Box 180 - Denver 1, Colorado
Lessor or Tract Warren "C" Field S. Gallegos State New Mexico
Well No. C-1 Sec. 30 T. 27N R. 12W Meridian New Mexico P.M. County San Juan
Location 660 ft. N. of S Line and 660 ft. E. of W Line of SW/4 Sec. 30 Elevation 5923 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.

Signed [Signature]Date July 8, 1957Title District Superintendent

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

Commenced drilling May 15, 19 57 Finished drilling June 3, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

Top
No. 1, from Pictured Cliffs @ 1252 to 3985
No. 2, from Chacra to 1670
No. 3, from Pt. Lookout to 3777
No. 4, from Mancos to 3985
No. 5, from Gallup to 4970
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.	Armco	200'	Texas				
5-1/2	14.	2 Rd.	I-55	5190'	Baker		5136	5150	
							5080	5110	
							5030	5060	

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	5174' KB	100	Rocky Mtn. 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 5175 KB feet, and from _____ feet to _____ feet
Cable tools were used from 5102 KB feet to 5162 KB feet, and from _____ feet to _____ feet

DATES

Put to producing July 4, 19 57
The production for the first 24 hours was 27 barrels of fluid of which 100 % was oil; no %
emulsion; no % water; and no % sediment.
Gravity, °Bé. 33.2
If gas well, cu. ft. per 24 hours _____
Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Forre Drilling Company, Driller
_____, Driller
_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
PBD 5102	5162	60	Drilled cement and float collar to 5162' KB. Perforated 5136-5150 with 4 - 16 gram jets per foot. Went with second gun to perforate but could not get below 4770' KB. Recovered heavy drilling mud with bailer. Set packer at 4983' KB. Squeezed with 47 sac cement to formation at 4500 psi. Swabbed to top of cement at 5131' KB. Drilled 5136-5150 with 4 - 16 gram jets per foot. Checked with bailer, checked OK. Perforated 5080-5110 with 4 - 16 gram jets per foot. Cleaned out bottom with bailer. Rigged up and swabbed 67 barrels load oil. Bailed hole dry and tested 8 hours. Recovered 28 gallons water and 2 gallons oil. Slight show of gas. Rigged up Powell and loaded hole with 25 barrels oil. Broke down with 5 barrels oil at 2000 psi. Fracked with 40,000 pounds sand and 40,000 gallons oil with 161 nylon core rubber balls in 8 - 5,000 unit stages with 23 balls per stage. Shut in pressure 1050 psi. Total of 1218 barrels load oil used. Flowed back 668 barrels load oil in 16 1/2 hours, swabbed 31 barrels load oil in 1 hour. Found 40 feet sand in hole. Ran sand pump with 819 barrels load oil to recover. Swabbed 196 barrels load oil in 17 hours. 623 barrels load oil to recover. Swabbed 45 barrels load oil in 24 hours at rate of 1 1/2 barrels oil per hour. 578 barrels load oil to recover. Swabbed casing from 5050' KB for 6 hours and recovered 3.5 barrels load oil from lower zone. Cleaned out with bailer to 5162' KB. Loaded hole with 100 barrels oil. Perforated 5080-5060 with 4 dynamite jets per foot. Set Baker Model "N" Bridge Plug at 5070' KB. Swabbed casing 6 hours and 79 barrels load oil and no water. Now bailing upper zone. 548.5 barrels load oil to recover from lower zone, and 27 barrels load oil to recover from upper zone. Bailer tested for 20 hours and recovered 9 1/2 barrels load oil. 17 1/2 barrels load oil to recover from upper zone and 548.5 barrels load oil to recover from lower zone. PBD 5070. Loaded hole with 125 barrels oil and broke formation with 20 barrels oil and at 2700 - 2200 psi. Fracked with 30,000 pounds sand and 30,000 gallons oil

(OVER)

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