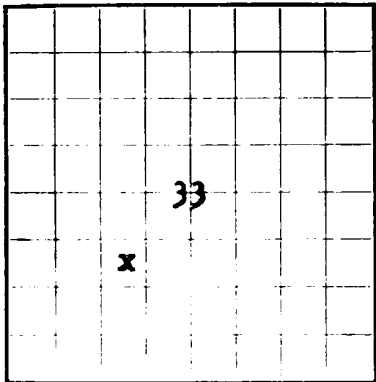




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078156
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Govt. Salge

LOG OF OIL OR GAS WELL

Company British-American Oil Prod Co Address Box 150, Denver 1, Colo. 80202
Lessor or Tract Govt. Salge Field Histi-Killing State New Mexico
Well No. B-2 Sec. 33 T. 26N R. 13E Meridian 10PM County San Juan
Location 1930 ft. N of E Line and 1910 ft. E of N Line of 11/4 Sec. 33 Elevation 6330 GL
(Denote 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: Thomas M. Hogan
Signed

Date December 3, 1956 Title District Superintendent

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

Commenced drilling Sept. 4, 19 56 Finished drilling Sept. 12, 19 56

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, 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 casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
<u>9-5/8</u>	<u>42.6</u>		<u>AMCO</u>	<u>200</u>	<u>maker</u>				
<u>8-1/2</u>	<u>35.5</u>		<u>J-55</u>	<u>310</u>					
<u>8-1/2</u>	<u>36</u>		<u>J-55</u>	<u>1724</u>	<u>maker</u>		<u>503</u>	<u>5069</u>	
							<u>5001</u>	<u>5017</u>	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9-5/8</u>	<u>2141.3</u>	<u>175</u>			
<u>8-1/2</u>	<u>5228.4</u>	<u>190</u>			

PLUGS AND ADAPTERS

Running 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 1099 feet, and from _____ feet to _____ feet

Cable tools were used from 5011 feet to 5079 feet, and from _____ feet to _____ feet

DATES

December 3, _____, 1956

Put to producing November 18 _____, 1956

The production for the first 24 hours was 12 barrels of fluid of which 59 % was oil; _____ % emulsion; 41 % water; and _____ % sediment. Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Faras Drilling Company, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
See Completion and sample description reports attached.			
GEOLOGICAL NOTES			
Pictured Cliffs		1374	
Mesa Verde		1665	
Point Lookout		3830	
Mancos		3970	
Upper Gallup		4910	
Gallup		4989	
FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD—Continued

THE BRITISH AMERICAN OIL PRODUCING COMPANY
Core Report

LEASE Salge WELL NO. B--2 FIELD Bisti-Gallup
Core No. 1 From 4980 To 5030 Total Recovery in Feet. 38 COUNTY San Juan
Cutterhead: Size 7 3/4 x 3 1/2 Kind Diamond A.C.C. Date Core Taken September 11, 1956

DEPTH		Coring Time Min Per Ft	Amt Rec Dip	Complete Formation Description	Fluid Content
From	To				
4980	4987	7,4,7,8,6,7,6	7	Lami sh & sltst, blk-gr, few 1/16" sd, lami-gr vfg, mic & glau, sl fossil	n-s
4987	4993 1/2	12,7,7,6,6,7,7	6 1/2	Sdy sh & sltst, blk-gr, ss vfg, ply dev, mic & glau, v hd & ti, fossil	n--s
4993 1/2	4997	7,5,5	3 1/2	Shly ss, 40% sh 60% ss, sd, vf-fg, mic & glau p-fair por, lt stn & yell flor, fair-gd odor	
4997	5001	4,6,3,4	4	Ss, w-crs g, clr gs, gd por, fair perm, gd stn & bright yell flor, gd odor, sl glau, few scatt sh incl, vf @ 5000-01, sd v sl calc.	
5001	5002	5	1	Ss, f-crs g, wh, clr g, glau, a, calcite cmt, blue flor, glau & sl mic, 40% incl ss, f-mg glau, stn, yell flor	
5002	5010	5,2,3,4,4,5,5,5	8	Sl-m shly ss, vf-fg, glau, mic, cly fill, p-por, lt-gd stn & yell flor, sh ptgs, carb	
				incl, 02-08 scatt incl of ss, wh-m crs g, a, calc, same as 01-02	
5010	5012	5,6	2	V shly sd, vfg, dns, ti, lt stn & flor, no por	
5012	5018	5,6,7,7,6,8	6	Sdy sh & sltst	n-s
5018	5030	6,6,12,12,8,10 11,12,13,12,11	12	Lost core	
		14			

Remarks Coring pt picked at 4980 no S.L.M. corr



THE BRITISH AMERICAN OIL PRODUCING COMPANY
Core Report

LEASE Salge WELL NO. B-2 FIELD Bisti-Gallup
Core No. 2 From 5030 To 5082 Total Recovery in Feet 52 San Juan
Cutterhead: Size 7 3/4 x 3 1/2 Kind Diamond A.C.C. Date Core Taken September 12, 1956

[illegible]

Remarks _____



H. A. Holton

Signed

SAMPLE REPORT

Date

WELL NAME	FROM	TO	THICK- NESS
British-American #B-2 Salge Esti-Gallup Area (West) NE SW section 33-26N-13W in Juan County, New Mexico	1200	3600	Sample description starts above Picture Cliff Samples in this interval are very poor-fair. Accurate interpretation is difficult due to excessive cvg. and poor samples.
	1200	1210	Sh & cly
	1210	1220	Same sl arg
	1220	1230	Few ss w/cly mtrx. wh,fg,v arg sh & cly. few inbd coal
	1230	1240	Same
	1240	1250	Same
	1250	1260	20% ss,bf-brn,hd,dns,mott,arg sh & cly, w/inbd coal 2% coal
	1260	1270	Same
	1270	1280	30% ss do -60% sh & cly do -10% coal
	1280	1290	10% ss, gr-bf, mott,fg,cly mtrx, 80% sh & few cly 2% coal
	1290	1300	30% ss, bf--brn,mott do -70% sh do, inbd coal
	1300	1310	10% ss,gr-wh,vfg,mott,cly mtrx,s&p,90% sh & gr sltst,few w/inbd coal
	1310	1320	15% ss do - 20% gr sltst, v arg,gr cly,55% sh, 10% coal
	1320	1330	Same
	1330	1340	Same
	1340	1350	V.P.S.? 15% coal
	1350	1360	V.P.S.? cvg, 3 or 4 kinds of sd - 10% coal
	1360	1370	V.P.S.? - 30% coal
	1370	1380	Same
	1380	1390	Same
	1390	1400	V.P.S.? 50% coal
	1400	1800	No interpretation due to very poor samples
	1800	1820	100% sltst-ss,gr,vfg,s&p,mic,ti,v shly,dk gr,ply dev.
			GEOLOGIST

SAMPLE REPORT

Date _____

WELL NAME	FROM	TO	THICK- NESS	LITHOLOGY
	1820	1840		Same - w/few sh, v arg, carb
	1840	1860		Same
	1860	1880		Same
	1880	1900		Same
	1900	1920		100% do becomes lt gr, better dev ad, s&p do
	1920	1940		Same
	1940	1960		80% ss do, 20% sh, gr-dk gr, smo
	1960	1980		80% ss do, 20% sh, dk gr, arg
	1980	2000		50% ss do, 50% arg sh & sltst, few w/carb incl
	2000	2020		Same, arg?
	2020	2040		P.S. 30% ss do, 30% sltst gr, 40% arg sh do
	2040	2060		P.S. Same w/few sh smo
	2060	2080		Same
	2080	2100		10% ss, brn, clr gs, r sr, mic, s&p, cln, gd p&p, 40% ss gr, lt gr s&p do, 50% sh & arg sltst
	2100	2120		Same
	2120	2140		Same
	2140	2160		V.P.S. cvg, everything
	2160	2180		Same, few coal & v carb sh
	2180	2200		Tr of above, 80% ss-sltst, gr, ply dev, v shly, 20% sh & sltst do
	2200	2220		G.S. 10% ss&sltst, gr, v Ply dev, 90% sh, gr-dkgr, few grn, smo few arg & carb
	2220	2240		5% ss do, 95% sh do
	2240	2260		5% ss, gr, s&p, hd & ti, sltst & arg sh, few sh smo
	2260	2280		V.P.S.

GEOLOGIST _____

SAMPLE REPORT

Date

10

WELL NAME	FROM	TO	THICKNESS	LITHOLOGY
	2280	2300		V.P.S.?
	2300	2320		V.P.S.?
	2320	2340		V.P.S.?
	2340	2360		40% ss-fg, mott, s&p, v cly fill-inbd coal, 60% sh gr-grn smo. few brn arg & carb
	2360	2380		Same
	2380	2400		Same
	2400	2420		Same, consi cvg tr coal
	2420	2440		V.P.S.?
	2440	2460		V.P.S.?
	2460	2480		V.P.S.?
	2480	2500		V.P.S.?
	2500	2520		V.P.S.?
	2520	2540		20% ss gr, vfg, ti, s&p, few ss wh, clr g, cln, well sort, pyr incl 80% sh, gr-dk gr, consi carb
	2540	2560		20% ss, gr do. 5% ss, cln, do-75% do few sh w/inbd coal
	2560	2580		5% ss, clr gs. 30% sltst gr, vfg, arg-65% sh do
	2580	2600		Same
	2600	2620		few ss do, 20% sltst do, 80% sh, few gr-grn smo-rust brn, arg & mic, tr coal
	2620	2640		Same
	2640	2660		10% ss-wh, vfg, s&p, no cmt, 20% sltst do, 70% sh do w/inbd coal
	2660	2680		Same
	2680	2700		Same
	2700	2720		Few ss do-20% sltst do-88% sh do, gr-brn arg & mic, 2% coal
	2720	2740		Same

GEOLOGIST

SAMPLE REPORT

Date _____

WELL NAME	FROM	TO	THICK- NESS	LITHOLOGY
	2740	2760		V.P.S.? Same
	2760	2780		95% sh, brn, arg, mic, inbd coal, carb, 5% coal
	2780	2800		Few sltst - same
	2800	2820		Same --w/2% coal
	2820	2840		50% ss, gr, bf, vf-fg, mott, mic & glau, cly fill-50% sh do
	2840	2860		20% ss do -60% sh do w/20% sh gr-grn smo
	2860	2880		P.S.?
	2880	2900		50% ss do -50% sh-gr, dk gr, mic, inbd coal
	2900	2920		10% ss do -90% sh do
	2920	2940		10% sltst gr, s&p, arg, soft, 90% sh do, v few w/coal
	2940	2960		Same
	2960	2980		Same
	2980	3000		100% sh, gr-olive gr, sl arg, mic, few gr-grn, smo
	3000	3020		Tr sltst gr, s&p, mic, same
	3020	3040		V.P.S.?
	3040	3060		V.P.S.?
	3060	3080		V.P.S.?
	3080	3100		Everything -
	3100	3120		Same
	3120	3140		Few ss wh, fg, v cly fill, s&p, 10% gr sltst-98% sh all kinds
	3140	3160		Same
	3160	3180		Same
	3180	3200		15% ss, gr-bf, mott, fg, s&p, cly fill, 85% sh, gr-brn, arg & mic, gr-grn smo
	3200	3220		Few ss do, 10% sltst gr-vfg, soft-90% sh, gr-dk gr, few carb, few brn arg & mic

GEOLOGIST _____

SAMPLE REPORT

Date

WELL NAME	DEPTH	THICK NEE	LITHOLOGY
3220	3240		100% sh, gr-dk gr, sl purp, smo, few w/inbd coal, tr sh brn, do
3240	3260		Same w/20% sh brn, v carb
3260	3280		Same few arg & mic
3280	3300		Same - sl tr coal
3300	3320		Same
3320	3340		Few v arg sh, 90% sh, gr-olive, gr, gr-grn, smo, few sl mic & carb
3340	3360		Same
3360	3380		Same
3380	3400		Same
3400	3420		Same, few brn carb
3420	3440		Few sltst wh, vfg, -same
3440	3460		Same
3460	3480		Same
3480	3500		V.P.S.-Same -sl more brn sh, mic & carb
3500	3520		V.P.S.? cvg
3520	3540		Tr ss, bf fg mott, few sltst gr-vfg, soft, 98% sh, gr-grn, consi brn mic & carb
3540	3560		No ss - same
3560	3580		Same
3580	3600		Same
3600	3620		3% ss, brn, fg, mott, mic, clyfill, cvg, few sltst gr, 95% sh, gr-grn, smo, gr-olive gr-brn, mic & carb
3620	3640		10% ss, wh, bf, fg, ply sort, mott, cly fill, 90% sh gr-brn, mic, arg, few carb
3640	3660		30% ss do-70% sh dom -more arg trace coal
3660	3680		P.S. cvg, 20% ss do-80% sh do-consi carb w/inbd coal

GEOLOGIST

SAMPLE REPORT

Date

WELL NAME	DEPTH	DESCRIPTION
	3680	Few ss wh, vfg, cln, soft, 98% sh, gr-brn, mic, carb, few arg, tr coal
	3700	Tr ss do, 20% sltst gr-brn, vfg, mic, 80% sh, gr-brn, mic, few v carb, tr coal
	3710	20% ss, gr-vfg, mic, mott, cly fill, 20% sltst do, 60% sh do
	3720	Same-sh more arg & mic
	3730	40% ss do, vf-fg, mic, glau, sfp, cly fill, ply dev, 20% sltst do--40% sh do
	3740	50% ss do-50% sh & sltst gr-vfg, v arg & mic, tr v carb do
	3750	80% ss do, same almost sltst inbd coal & carb mat-20% sh & sltst
	3760	do, carb mat.
	3770	40% ss do-60% sh & v arg sh do, tr coal
	3780	50% ss do-50% do
	3790	80% ss do-few better dev, mott, 20% sh & gr arg, sfp, sltst
	3800	70% ss do, 10% of it f-mg, cly mott sfp, 30% do
	3810	10% ss, bf, fg, mott, 60% ss-sltst, gr, vfg, ply dev, sfp, mic, 30% sh do
	3820	10% ss gr, vfg, do -20% sh do, 70% coal
	3830	30% ss, bf-wh, mott, clr gs, cly fill, ply sort, 20% ss-gr, vfg do,
	3840	30% sh gr, mic, 20% coal
	3850	100% coal & v carb sh.
	3860	4% ss, gr-vfg, mic do, tr ss, brn, mott, mic, few sltst gr, 80% sh-gr, few
	3870	v carb, arg & mic, 20% coal
	3880	10% ss, sltst, gr, vfg, sfp, glau, tr above ss, 84% sh, sltst, gr-arg, few
	3890	carb, 6% coal
	3900	80% ss, wh, ply sort, mott, sfp, cly fill, few clr grs, 20% arg sh, sltst
	3910	90% ss do, sl mic, 10% do, tr coal
	3920	30% ss do, 70% sh, gr-olive gr, mic, sl arg, few carb
	3930	80% ss, gr-bf, sfp, ply dev, glau, cly fill, sl mic, 20% arg sh & sltst gr-vfg.

GEOLOGIST

SAMPLE REPORT

Date

WELL NAME	FROM	TO	LITHOLOGY	THICK- NESS
	3900	3920	80% ss do, more vfg & dns, more mic, 20% sh do	
	3920	3940	100% ss do, few gr sltst	
	3940	3960	100% gr-ss do-vfg, v ply dev.	
	3960	3980	90% ss do -10% sh, gr-olive gr.	
	3980	4000	Same	
	4000	4020	20% ss do, 80% sh do, mic	
	4020	4040	Tr ss do, 10-20% sltst gr, vfg, 80% sh do	
	4040	4060	Same	
	4060	4080	Less sltst, same few arg	
	4080	4100	Same	
	4100	4120	Sh becomes arg, gr-brn	
	4120	4140	Same w/few sltst-v arg sh	
	4140	4160	Same	
	4160	4180	Same	
	4180	4200	100% sh, gr-olive gr, sl arg & mic	
	4200	4220	Same -few vfg gr sltst	
	4220	4240	Same	
	4240	4260	Cons sltst gr-vfg, s&p, rest do	
	4260	4280	Same	
	4280	4300	Same -few sl carb	
	4300	4320	N.S. -Same	
	4320	4340	Same	
	4340	4360	Same	
	4360	4380	Same	
	4380	4400	Cons gr-brn sltst - do	

GEOLOGIST

GEOLOGIST.

Dairies

H. A. Holton
GEOLOGIST