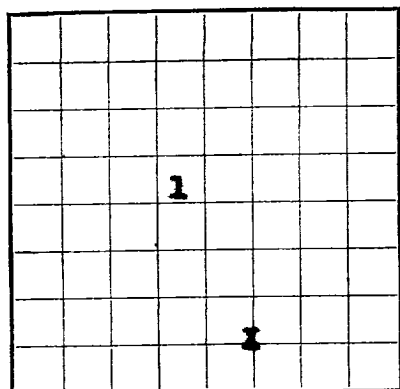




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Co. _____

Company The British-American Oil Producing Address P. O. Box 180, Denver, 1, Colorado

Lessor or Tract Marye Field Bisti Gallup State New Mexico

Well No. 8 Sec. 1 T. 25N R. 13W Meridian New Mexico PM County San Juan

Location 660 ft. N. of S Line and 1980 ft. E of E Line of Section 1 Elevation 6239 G.L.
(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 _____ Original Signed By:
Thomas M. Hogan

Date July 10, 1959 Title District Superintendent

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

Commenced drilling June 20, 1959 Finished drilling June 26, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

		(Denote gas by G)			
		Cliffs	Top		
Northfork Top Pictured	to	1204'	Northfork Mancos	to	3815
Northfork Lhacra	to	1542'	Northfork Gallup	to	4763
Northfork Pt. Lookout	to	3650'	Northfork	to	

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	210	175	B-I Service Co.		
5 1/2	4799	150	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

[illegible]

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from ----- 0 ----- feet to ----- 5003-12 ----- feet, and from ----- feet to ----- feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

----- July 10, -----, 19 59 Put to producing ----- July 7, -----, 19 59

The production for the first 24 hours was 58 barrels of fluid of which 100% was oil; -----% emulsion; -----% 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

EMPLOYEES

Aspen Drilling Company	Driller	Driller
Hernandez Drilling Company		
Rota-Cong	Driller	Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
Completion Summary Marye #8 Swabbed hole down to 4922'. Drilled float collar and cement to 4957'. Dry tested csg. 2 hours - OK. Loaded hole with 40 bbls. oil. Ran Gamma-Ray log from 4957' to 4650' KB. Perforated intervals 4850-4865, 4887-4901 and 4907-4915. Swabbed 40 bbls of load oil. Bailar tested 8 hours. Recovered 1 gal new oil per hour. Loaded hole with 125 bbls. of oil. Pumped 50 bbls. of oil into formation at 40 bbls/min. and 1500 psi. Sand fraced with 45,000 lbs. of sand in 36,500 gal. oil. Used 50 nylon core balls after 15,000 gals. and 60 after 25,000 gals. Flushed with 140 bbls. of oil. Final treating, pressure 1950 psi. Final flush pressure 2000 psi. Average injection rate 39.6 bbls. per. min. Total load oil to recover - 1180 bbls. Swabbed 735 bbls. of load oil. Ran 157 jts. of 2" RUE tubing- 4352'. Landed at 4360 KB. Ran 2" pump on 1 9/16 x 25' rods and 4 pony rods. Pumped 445 bbls. of load oil.			
4900-	40-	4000 FEET	ROCKY MOUNTAIN

(OVER)

(OVER)
DYNAMICS RECORD-Continued

16-3094-4

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 8 rows of squares. There are two small dark marks on the page: one near the center-right and another near the bottom-left.

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 _____
Thomas M. Hogan
Geologist

Date _____ Time finished _____

Location of _____ of _____ ft. W. _____ of _____ Line of _____ Elevation _____

Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____ County _____ State _____

Lessor or Tract _____ Field _____ Seat _____

Company _____ The Lattin Company _____ Address _____ Corner 1st & Main St., Chicago, Ill.

NO OR GAS SANDS OR ZONES

(1) (b) (i) (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) (AA) (AB) (AC) (AD) (AE) (AF) (AG) (AH) (AI) (AJ) (AK) (AL) (AM) (AN) (AO) (AP) (AQ) (AR) (AS) (AT) (AU) (AV) (AW) (AX) (AY) (AZ) (BA) (BB) (BC) (BD) (BE) (BF) (BG) (BH) (BI) (BJ) (BK) (BL) (BM) (BN) (BO) (BP) (BQ) (BR) (BS) (BT) (BU) (BV) (BW) (BX) (BY) (BZ) (CA) (CB) (CC) (CD) (CE) (CF) (CG) (CH) (CI) (CJ) (CK) (CL) (CM) (CN) (CO) (CP) (CQ) (CR) (CS) (CT) (CU) (CV) (CW) (CX) (CY) (CZ) (DA) (DB) (DC) (DD) (DE) (DF) (DG) (DH) (DI) (DJ) (DK) (DL) (DM) (DN) (DO) (DP) (DQ) (DR) (DS) (DT) (DU) (DV) (DW) (DX) (DY) (DZ) (EA) (EB) (EC) (ED) (EE) (EF) (EG) (EH) (EI) (EJ) (EK) (EL) (EM) (EN) (EO) (EP) (EQ) (ER) (ES) (ET) (EU) (EV) (EW) (EX) (EY) (EZ) (FA) (FB) (FC) (FD) (FE) (FF) (FG) (FH) (FI) (FJ) (FK) (FL) (FM) (FN) (FO) (FP) (FQ) (FR) (FS) (FT) (FU) (FV) (FW) (FX) (FY) (FZ) (GA) (GB) (GC) (GD) (GE) (GF) (GG) (GH) (GI) (GJ) (GK) (GL) (GM) (GN) (GO) (GP) (GQ) (GR) (GS) (GT) (GU) (GV) (GW) (GX) (GY) (GZ) (HA) (HB) (HC) (HD) (HE) (HF) (HG) (HH) (HI) (HJ) (HK) (HL) (HM) (HN) (HO) (HP) (HQ) (HR) (HS) (HT) (HU) (HV) (HW) (HX) (HY) (HZ) (IA) (IB) (IC) (ID) (IE) (IF) (IG) (IH) (II) (IJ) (IK) (IL) (IM) (IN) (IO) (IP) (IQ) (IR) (IS) (IT) (IU) (IV) (IW) (IX) (IY) (IZ) (JA) (JB) (JC) (JD) (JE) (JF) (JG) (JH) (JI) (JJ) (JK) (JL) (JM) (JN) (JO) (JP) (JQ) (JR) (JS) (JT) (JU) (JV) (JW) (JX) (JY) (JZ) (KA) (KB) (KC) (KD) (KE) (KF) (KG) (KH) (KI) (KJ) (KK) (KL) (KM) (KN) (KO) (KP) (KQ) (KR) (KS) (KT) (KU) (KV) (KW) (KX) (KY) (KZ) (LA) (LB) (LC) (LD) (LE) (LF) (LG) (LH) (LI) (LJ) (LK) (LL) (LM) (LN) (LO) (LP) (LQ) (LR) (LS) (LT) (LU) (LV) (LW) (LX) (LY) (LZ) (MA) (MB) (MC) (MD) (ME) (MF) (MG) (MH) (MI) (MJ) (MK) (ML) (MM) (MN) (MO) (MP) (MQ) (MR) (MS) (MT) (MU) (MV) (MW) (MX) (MY) (MZ) (NA) (NB) (NC) (ND) (NE) (NF) (NG) (NH) (NI) (NJ) (NK) (NL) (NM) (NN) (NO) (NP) (NQ) (NR) (NS) (NT) (NU) (NV) (NW) (NX) (NY) (NZ) (OA) (OB) (OC) (OD) (OE) (OF) (OG) (OH) (OI) (OJ) (OK) (OL) (OM) (ON) (OO) (OP) (OQ) (OR) (OS) (OT) (OU) (OV) (OW) (OX) (OY) (OZ) (PA) (PB) (PC) (PD) (PE) (PF) (PG) (PH) (PI) (PJ) (PK) (PL) (PM) (PN) (PO) (PP) (PQ) (PR) (PS) (PT) (PU) (PV) (PW) (PX) (PY) (PZ) (QA) (QB) (QC) (QD) (QE) (QF) (QG) (QH) (QI) (QJ) (QK) (QL) (QM) (QN) (QO) (QP) (QQ) (QR) (QS) (QT) (QU) (QV) (QW) (QX) (QY) (QZ) (RA) (RB) (RC) (RD) (RE) (RF) (RG) (RH) (RI) (RJ) (RK) (RL) (RM) (RN) (RO) (RP) (RQ) (RR) (RS) (RT) (RU) (RV) (RW) (RX) (RY) (RZ) (SA) (SB) (SC) (SD) (SE) (SF) (SG) (SH) (SI) (SJ) (SK) (SL) (SM) (SN) (SO) (SP) (SQ) (SR) (SS) (ST) (SU) (SV) (SW) (SX) (SY) (SZ) (TA) (TB) (TC) (TD) (TE) (TF) (TG) (TH) (TI) (TJ) (TK) (TL) (TM) (TN) (TO) (TP) (TQ) (TR) (TS) (TT) (TU) (TV) (TW) (TX) (TY) (TZ) (UA) (UB) (UC) (UD) (UE) (UF) (UG) (UH) (UI) (UJ) (UK) (UL) (UM) (UN) (UO) (UP) (UQ) (UR) (US) (UT) (UU) (UV) (UW) (UX) (UY) (UZ) (VA) (VB) (VC) (VD) (VE) (VF) (VG) (VH) (VI) (VJ) (VK) (VL) (VM) (VN) (VO) (VP) (VQ) (VR) (VS) (VT) (VU) (VV) (VW) (VX) (VY) (VZ) (WA) (WB) (WC) (WD) (WE) (WF) (WG) (WH) (WI) (WJ) (WK) (WL) (WM) (WN) (WO) (WP) (WQ) (WR) (WS) (WT) (WU) (WV) (WW) (WX) (WY) (WZ) (XA) (XB) (XC) (XD) (XE) (XF) (XG) (XH) (XI) (XJ) (XK) (XL) (XM) (XN) (XO) (XP) (XQ) (XR) (XS) (XT) (XU) (XV) (XW) (XX) (XY) (XZ) (YA) (YB) (YC) (YD) (YE) (YF) (YG) (YH) (YI) (YJ) (YK) (YL) (YM) (YN) (YO) (YP) (YQ) (YR) (YS) (YT) (YU) (YV) (YW) (YX) (YZ) (ZA) (ZB) (ZC) (ZD) (ZE) (ZF) (ZG) (ZH) (ZI) (ZJ) (ZK) (ZL) (ZM) (ZN) (ZO) (ZP) (ZQ) (ZR) (ZS) (ZT) (ZU) (ZV) (ZW) (ZX) (ZY) (ZZ)

10-11-68

IMPORTANT WATER SANDS

No. 1 from	No. 3 from
No. 2 from	No. 4 from

CASEING RECORD

Category	Amount	Kind of shoe	Color and description	Form	Transferred To	Purpose
Expense						
Receipt						
Transfer						

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 pumps or bridges were put in to test for water, state date of installation used, position, and results of pumping or pulling.

HISTORY OF OH. OR GAS WELL.

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

FROM	TO	TOTAL FEET	FORMATION
0	10	10	Shale
10	20	20	Shale
20	30	30	Shale
30	40	40	Shale
40	50	50	Shale
50	60	60	Shale
60	70	70	Shale
70	80	80	Shale
80	90	90	Shale
90	100	100	Shale
100	110	110	Shale
110	120	120	Shale
120	130	130	Shale
130	140	140	Shale
140	150	150	Shale
150	160	160	Shale
160	170	170	Shale
170	180	180	Shale
180	190	190	Shale
190	200	200	Shale
200	210	210	Shale
210	220	220	Shale
220	230	230	Shale
230	240	240	Shale
240	250	250	Shale
250	260	260	Shale
260	270	270	Shale
270	280	280	Shale
280	290	290	Shale
290	300	300	Shale
300	310	310	Shale
310	320	320	Shale
320	330	330	Shale
330	340	340	Shale
340	350	350	Shale
350	360	360	Shale
360	370	370	Shale
370	380	380	Shale
380	390	390	Shale
390	400	400	Shale
400	410	410	Shale
410	420	420	Shale
420	430	430	Shale
430	440	440	Shale
440	450	450	Shale
450	460	460	Shale
460	470	470	Shale
470	480	480	Shale
480	490	490	Shale
490	500	500	Shale
500	510	510	Shale
510	520	520	Shale
520	530	530	Shale
530	540	540	Shale
540	550	550	Shale
550	560	560	Shale
560	570	570	Shale
570	580	580	Shale
580	590	590	Shale
590	600	600	Shale
600	610	610	Shale
610	620	620	Shale
620	630	630	Shale
630	640	640	Shale
640	650	650	Shale
650	660	660	Shale
660	670	670	Shale
670	680	680	Shale
680	690	690	Shale
690	700	700	Shale
700	710	710	Shale
710	720	720	Shale
720	730	730	Shale
730	740	740	Shale
740	750	750	Shale
750	760	760	Shale
760	770	770	Shale
770	780	780	Shale
780	790	790	Shale
790	800	800	Shale
800	810	810	Shale
810	820	820	Shale
820	830	830	Shale
830	840	840	Shale
840	850	850	Shale
850	860	860	Shale
860	870	870	Shale
870	880	880	Shale
880	890	890	Shale
890	900	900	Shale
900	910	910	Shale
910	920	920	Shale
920	930	930	Shale
930	940	940	Shale
940	950	950	Shale
950	960	960	Shale
960	970	970	Shale

FORMATION RECORD—Continued

GRAM 100