FILE NOTATIONS

Entered in N I D File	✓	Checked by Chief	✓
Entered On S R Sheet	✓	Copy N I D to Field Office	✓
Location Map Pinned	✓	Approval Letter	
Card Indexed		Disapproval Letter	
I W R for State or Fee Land			

COMPLETION DATA:

Date Well Completed 7-26-58 Location Inspected

Bond released

State of Fee Land

OW..... WW..... TA.....

GW..... OS..... PA ✓

LOGS FILED

Driller's Log 8-19-58

Electric Logs (No.) 4

E ✓ E-I ✓ GR..... GR-N..... Micro ✓

Lat ✓ Mi-L ✓ Sonic..... Others.....

Gulf took over all operations by the British Amer Oil Prod. Co. (1966)

dp
1-29-91

Scout Report sent out ☐

Noted in the NID File ☐

Location map pinned ☐

Approval or Disapproval Letter ☐

Date Completed, P. & A. or operations suspended ☐

Pin changed on location map ☐

Affidavit and Record of A & P ☐

Water Shut-Off Test ☐

Gas-Oil Ratio Test ☐

Well Log Filed ☐

Form 9-331a
(Feb. 1951)

		X	
		3	

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office _____

Lease No. 18030

Unit Fed. Ormsby

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	XXX	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 1, 19 58

Well No. 1 is located 820 ft. from {N/S} line and 2097 ft. from {E/W} line of sec. 3

NW NW NE, SEC. 3 (¼ Sec. and Sec. No.) 27 So. (Twp.) 19 East (Range) SLM (Meridian)

Upheaval Dome (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 6030 ft. (est.)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

PROGRAM to drill and test subject well to the Devonian Formation: Surface Casing: 13-3/8" 48# H-40 casing to be set at 490' KB and cemented with 282 sacks cement admixed with 4% Gel and 32 sacks Strata-crete. Slurry weight to be 12.44# per gal. Circulate to surface. WOC 24 hrs. Intermediate string: 9-5/8" 36# & 40# J-55 casing to be set at 4300' KB and cemented with 70 sacks cement admixed with 4% Gel. and 9sacks Strata-crete followed with 100 sacks neat cement. WOC 24 hrs. Production Casing: 5-1/2" OD, 17# & 20# N-80 & 17# J-55 casing to be run as liner and set thru lowest producing zone. Use centralizers thru all possible producing zones. Cement volume and admixtures to be determined upon establishment of pay horizon. Coring: Cut 2 - 50' cores in Devonian section if warranted by well site geologist. Logging: ES-Ind. log from surface casing to 50' above top of salt; Laterolog from surface to TD; Microlaterolog Caliper Survey over intervals selected by well site geologist. Gamma Ray Neutron log from surface to TD. Use mud logging unit from 2500' to TD. Drilling: Use Geolograph from surface casing to TD. (continued on attached page)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE BRITISH-AMERICAN OIL PRODUCING COMPANY

Address P. O. Box 180

Denver, Colorado

Original Signed
By Thomas M. Hogan

Title District Superintendent

GPO 9 18 507

Drift Surveys: Run single shot surveys at 50' intervals from surface to 490'; thereafter at 250' intervals.

Test Measurements: SLM of drillpipe at approx. 2100', 4300', 7000', prior to coring or testing, and at TD.

Samples: Collect samples at 10' intervals from surface to TD.

Completion Program: This well will be completed with the rotary rig. Drill out cement at least 10' below bottom of pay. Run Gamma Ray Collar Locator Survey and perforate oil sand as directed. Run 2-1/2" EUE tubing with perforated nipple and nipple up for production. Reverse mud out with water and swab well in if necessary.

COMPANY British American Oil Producing Company

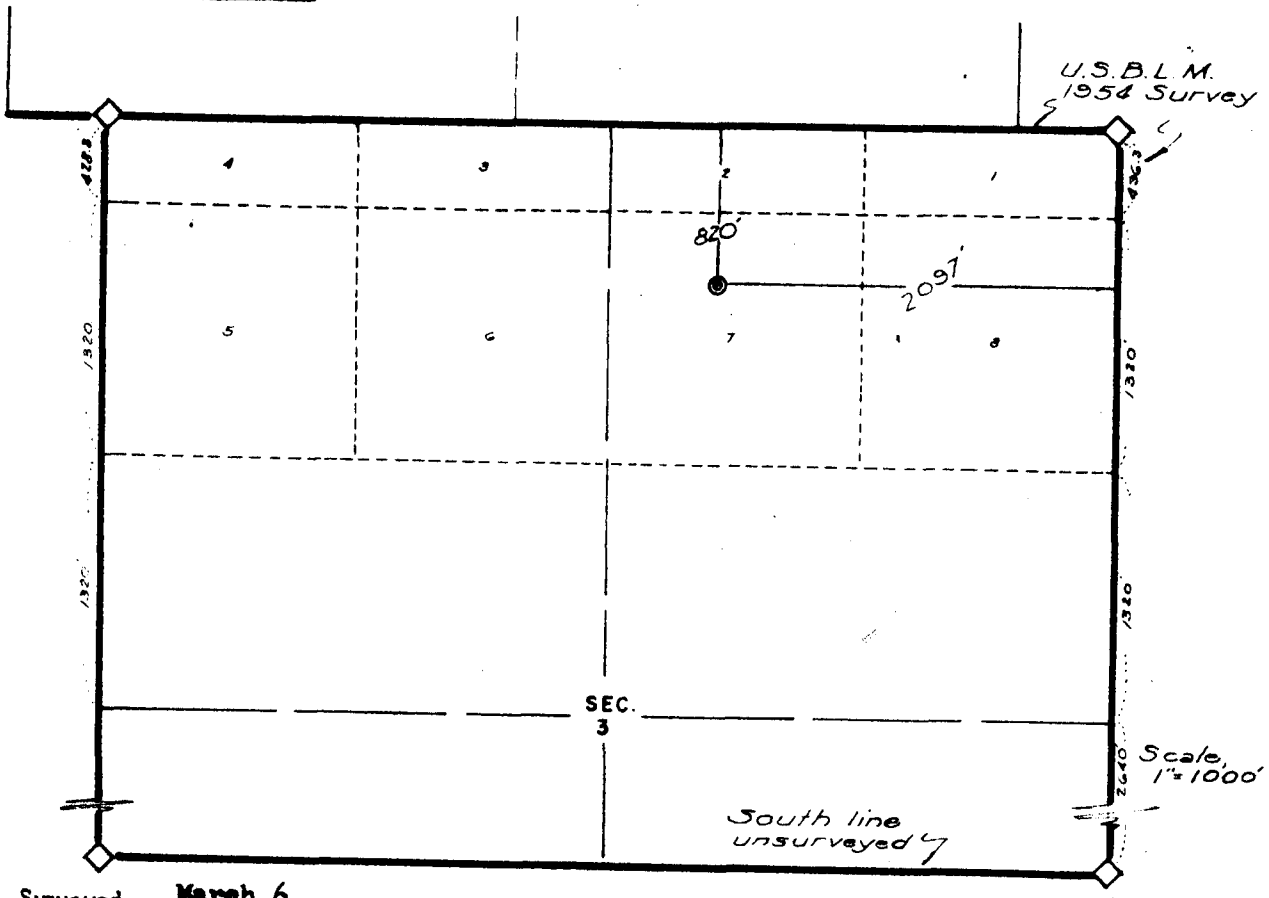
Well Name & No. Federal Ormsby Upheaval Dome No. 1 Lease No. _____

Location 820' from the North line and 2097' from the East line.

Being in lot #7 of NE¼ as shown.

Sec. 3, T27 S., R19 E. S. L. M. San Juan County, Utah.

Ground Elevation 5788, ungraded.



Invoice # 1054
16 hr @ 12 = $192.00

Surveyed March 6, 1958

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

REGISTERED LAND SURVEYOR
STATE OF NEW MEXICO
No. Fees
ERNEST V. ECHOHAWK

Farmington, New Mexico

Ernest V. Echohawk
Registered Land Surveyor
N. M. Reg. #1545
Practicing in Utah under Laws regulating Professional Engrs. and Land Surveyors, Utah Code 1953, Title 58-10-16.

May 5, 1958

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

Attention: Thomas M. Hogan, District Superintendent

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Federal - Ormsby Upheaval Dome 1, which is to be located 820 feet from the north line and 2097 feet from the east line of Section 3, Township 27 South, Range 19 East, SLBM, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
SECRETARY

CBF:cn

cc: Phil McGrath
USGS, Farmington,
New Mexico

Form OGCC-1

(SUBMIT IN DUPLICATE)

LAND:

Fee and Patented ☐
State ☐
Lease No.
Govt. ~~Public Domain~~ ☐
Lease No. 04108
Indian ☐
Lease No.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill		Subsequent Report of Water Shut-off	
Notice of Intention to Change Plans		Subsequent Report of Altering Casing	
Notice of Intention to Redrill or Repair		Subsequent Report of Redrilling or Repair	
Notice of Intention to Pull or Alter Casing		Supplementary Well History	
Notice of Intention to Abandon Well			
		Report of Surface casing	XX

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 21, 1958

Fed. Ormsby Well No. 1 is located 820 ft. from {N} {~~S~~} line and 2097 ft. from {E} {~~W~~} line of Sec. 3

SW NW NE Sec. #3 (¼ Sec. and Sec. No.) 27 S (Twp.) 19 E (Range) SLM (Meridian)

Upheaval Dome (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 6030 feet. Est

A drilling and plugging bond has been filed with USGS

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

CONDUCTOR: Drilled and reamed to 24" hole to 54'KB. Ran 20" line pipe landed at 53'KB and cemented with 65 sax Ideal regular cement. Displaced cement to 42'KB with good returns to surface.
SURFACE CASING: Drilled 12-1/4" hole to 496'KB and reamed to 17½" hole to 496'KB. Ran 13-3/8", H-40, 48# casing landed at 495'KB and cemented with 282 sax neat cement mixed with 4% Gel and followed by 32 sax Stratacrete. Displaced cement to 450'KB with good returns to surface. Waited 24 hours and tested with 800 PSI for 30 minutes. Held OK.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company The British-American Oil Producing Company

Address Box 180 By Thomas M. Hogan / JS

Denver 1, Colorado Title District Superintendent

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

In

Form OGCC-1

(SUBMIT IN DUPLICATE)

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

LAND:

Fee and Patented ☐
State ☐
Lease No.

Public Domain ☒
Lease No. U 04108

Indian ☐
Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill		Subsequent Report of Water Shut-off	
Notice of Intention to Change Plans		Subsequent Report of Altering Casing	
Notice of Intention to Redrill or Repair		Subsequent Report of Redrilling or Repair	
Notice of Intention to Pull or Alter Casing		Supplementary Well History	
Notice of Intention to Abandon Well		Run intermediate casing	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 17, 1958

Fed. Ormsby
Well No. 1 is located 820 ft. from {N} line and 2097 ft. from {E} line of Sec. 3

NW NE Sec 3 (¼ Sec. and Sec. No.) 27 S (Twp.) 19 E (Range) SLCM (Meridian)

Upheaval Dome (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 6030 feet. KB

A drilling and plugging bond has been filed with

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Drilled 12½" hole to 4270'KB. Ran 9-5/8", 40#, N-80 casing landed at 4261'KB, equipped with Baker Triplex Shoe & Collar with Centralizers at 4250, 4150 & 4050 and cemented with 360 sax 4% Gel with 1/2 cu ft Stratacrete per sax followed by 50 sax neat cement displaced to 4200' KB with 2000 PSI. Ran temperature survey and found top of cement behind casing at 2400'KB. Waited on cement 24 hours and tested casing and blowout equipment with 2000 PSI for 30 minutes. Held OK.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company The British-American Oil Producing Company

Address Box 180
Denver 1, Colorado

By John B. Stein
Title District Engineer

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

W/

The Geological Completion & Core report will be sent to you as soon as received in this office.

EXPL. 309 8-A

SAMPLE REPORT

71-K
8-19

Date ..... 19....

WELL NAME	FROM	TO	THICKNESS	LITHOLOGY
British-American #1 Federal-Ormsby	60	70		100% ss,pk & wh,s.r,cln,f-mg
	70	80		90% ss do,tr grn cly peb,tr sh,lt or.
SE NE NW Section 3-27S-19E San Juan County, Utah	80	90		90% ss do,becoming sly silty, tr grn cly peb, tr sh,lt or.
	90	100		70% ss do, 30% sh,grn,sly s&p w/blk specks,v sly calc.
	100	110		70% ss do, tr grn cly peb,29% sh,mar-dk red,soft.
	110	120		Ss,v sly shly,same.
	120	130		90% ss do, same, 10% sh do.
	130	140		70% ss,mar-brn,vvf-fg,silty,sly mic,30% ss do.
	140	150		80% ss do, silty & sly shly,19% ss do, tr sh,brn-dk rd,soft.
	150	160		Tr ss do, 99% ss,wh-lt pk,s.r.,cln,cvg?
	160	170		10% ss,vvfg,dk pur-brn,shly,mic,do,90% ss,wh-pk,do.
	170	180		80% ss,wh,lt pk,fg,cln,do,20% vvf-fg,lav-mar-dk pur,do,mic.
	180	190		Same
	190	200		100% ss,wh-pk-dk rd,f-mg,s.r.,molt,yell-brn,stn?
	200	210		90% ss do, 5% sh-lt pk,cln,aa,5% mar-lav,vfg,mic,aa.
	210	220		Same
	220	230		95% ss,pk-sal-dk rd do,5% ss,mar-lav do.
	230	260		Same
	260	270		100% ss,sal-or,vfg,s.r,sly silty.
	270	400		Same
	400	410		100% ss,sal-pk,vfg,s.r,sly silty,same.
	410	440		Same
	440	450		Same,tr sh,or,soft.
	450	460		99% ss,do,tr ss,wh,fg,cln,tr ls,dol,gr,vfx,dns.
	460	470		Same

AUG 18 1958

W/

GEOLOGIST .....

EXPL 309 B-A

SAMPLE REPORT

Date ..... 19 ....

WELL NAME Page #2	FROM	TO	THICK-NESS	LITHOLOGY
British-American #1 Federal-Ormsby	470	480		N.S.
	480	490		100% ss do.
	490	550		N.S.
	550	560		70% ss,sal-pk,vfg,sly silty & mic,wing cvg?,30% sh,mar,smo.
	560	570		Same,sh,dk rd-mar,aa.
	570	580		30% ss do,70% sh,do, becoming sly silty.
	580	590		70% sltst-sh,sdy,dk mar,uvfg,silty,shly,20% sh do.
	590	600		90% sltst do,shly,10% sh do.
	600	610		Same
	610	620		95% sltst,do,v sly calc,5% sh do.
	620	630		Same
	630	640		90% do,10% or-dk rd-mar,sh do.
	640	650		100% sltst do,w/ocass inbd ls,gr-lt grn,gran.
	650	660		98% sltst do,becoming v calc,tr sh,sdy,dkmar,calc.
	660	670		Same, v little inbd ls,sly less calc.
	670	680		Tr ss,v lt grn,vfg,v sly calc,98% sltst do,tr mar-or sh do.
	680	700		Same
	700	710		V.P.S.? 50% sltst do,50% sh,dk mar,sly silty.
	710	720		V.P.S. 70% or-rd,siltst,shly,30% or-rd sh,sdy,do.
	720	730		50% sltst do, 50% do.
	730	740		Same
	740	750		90% sltst do, 10% sh do.
	750	770		Same
	770	780		75% ss,mar w/yell specks,vf-fg,ply sort,mic,sly calc,shly,25% sltst do.
	780	790		Same

GEOLOGIST .....

EXPL. 309 B-A

SAMPLE REPORT

Date ..... 19....

Page #3 WELL NAME	FROM	TO	THICK-NESS	LITHOLOGY
British-American #1 Federal-Ormsby	790	800		30% ss,yel,vfg,ply sort,dns,sly mic & calc,30% ss,mar,do,40% sltst do.
	800	810		5% ss,yell,do,95% ss,mar w/yell specks dec.
	810	820		Same
	820	830		75% ss,mar,do,25% sltst,mar,aa.
	830	840		25% ls,lt gr,v gran,v sdy,75% sh,lt gr-grn,sly calc.
	840	850		10% ls do,25% ss,lt grn,v calc,vfg,dns,65% sh do.
	850	860		60% sh,mar & grn var,20% sh,mar,20% sh,grn,all calc.
	860	870		10% sltst,dk rd,sly calc,40% sh,mar,do,40% sh,dk rd,do,10% sh do.
	870	900		Same
	900	910		Same
	910	920		90% ss,dk mar,vfg,ply sort,sly mic,sly shly,10% sh,dk gr & mar do.
	920	930		90% ss,crm-wh,v lt grn,fg,ply sort,sly molt,mic,v sly calc,5% sh,dk mar, 5% sh,dk rd.
	930	940		70% ss,do,30% sh,cr-dk rd.
	940	950		60% ss do,20% ss,wh-crm,f-mg,s.r,mic,10% sh,dk mar do,10% ss,dk rd do.
	950	960		90% sltst,dk rd,v sly mic,shly,v sly calc,dol,10% sh,dk rd,mic,silty,calc-dol.
	960	970		90% sltst,v dk rd-brn,do,sly dol,sly mic,10% sh do,sly dol.
	970	990		Same
	990	1000		75% sltst do, 25% sh do, becoming cho brn.
	1000	1010		20% sh do, dol dec,80% sh,dk rd-choc brn.
	1010	1020		Same
	1020	1030		50% sltst,dk rd-brn,vfg,mic,sly dol,shly,50% sh do.
	1030	1040		Same
	1040	1050		75% sltst,dk rd-brn,f mic,v sly dol,25% sh,silty,dk rd.

GEOLOGIST ....

EXPL. 309 B-A

SAMPLE REPORT

Date ..... 19....

WELL NAME Page #4	FROM	TO	THICK-NESS	LITHOLOGY
British-American #1 Federal-Ormsby	1050	1060		Same
	1060	1070		Tr crm,f-m gran,ls,dol,60% sltst,dol,do,38% sh do.
	1070	1080		90% dk rd,sltst,f mic,calc,dns,sly shly,10% sh do.
	1080	1090		Same
	1090	1100		1% dol,gr,fm gran,silty-sdy,80% sltst,dol,sly calc,19% sh do.
	1100	1120		Same
	1120	1130		95% dk rd,mic,siltst,dol,5% dk rd,sh.
	1030	1040		Gd tr,dol,crm,sdy,f mic,98% dk rd,f mic,dol,sltst,shly.
	1040	1200		Same
	1200	1210		5% crm,sdy,silty,dol,lmy,occ pie,v mic,95% sltst do,dol.
	1210	1230		Same
	1230	1240		Tr dol,dk gr,vf gran,v mic,inbd,grn,sh,tr dol,crm,do,98% sltst do.
	1240	1250		Tr dol,crm,do,99% sltst do.
	1250	1310		Same
	1310	1320		V.P.S.? 1st sample after trip
	1320	1330		Tr crm,fx ls,tr dol,crm,calc,sdy,97% sltst,dk rd,sly dol,mic,tr dk rd,sh.
	1330	1350		Same
	1350	1360		60% sltst do,20% sh,dk rd, f mic,20% sh,choc brn.
	1360	1370		60% sltst,dk rd,mic,w/few inbd clr gs,sly dol,20% each sh aa.
	1370	1380		40% sltst do,50% sh,dk rd,vf mic & silty,10% sh,dk brn.
	1380	1390		Same w/consi cvg.
	1390	1400		Same
	1400	1410		Tr wh ss,fg,s.r,calc,cvg? 80% sltst do,poss sly more rd & shly.
	1410	1420		Same
	1420	1430		80% or-dk rd,siltst,mic,sly dol,shly,20% sh,or-rd,mic,f silty.

GEOLOGIST .....

British-American
#1 Federal-Ormsby

1430	1440	Few lse sd gs,clr,r-sr,rest same.
1440	1450	60% sltst do w/few sltst w/abd inbd sd gs,clr,40% sh do.
1450	1460	Same
1460	1470	Tr ss,wh,fg,cln,r-sr,5% abd lse sd,clr gs,40% sltst do,54% sh,dk rd do.
1470	1480	V.P.S? much cvg,sltst as above, few lse sd.
1480	1490	N.S.
1490	1500	? Tr ss,wh,crs g,ti,sly cly fill,few lse sd,sltst-sh,dk rd,consi cvg.
1500	1510	75% ss,crm-wh,fg,s.r,cln,sd has yell fluor,stn appears to be from drlg mud, 15% sltst,dk rd-brn,mic,shly do,10% sh,dk rd.
1510	1520	90% ss do,few w/inbd m-crs,r gs,10% sh do,still sly dolo.
1520	1530	20% ss,wh,do,75% ss,dk mar-brn,cong,vf-f-m,few crs gs,indb,sly mic,shly, molt,dol,5% sh,dk rd-brn.
1530	1540	90% ss,cong,do,v shly,10% sltst,dk mar,mic & shly,dol.
1540	1550	75% ss,cong,do,v shly,15% sltst do,10% sh w/inbd sd.
1550	1560	100% sltst,inbd sd gs,sly finer,mic,sly cong,v shly,v sly dol, ss above has grade to a sltst,sdy sh.
1560	1570	Same w/tr dk rd sh.
1570	1580	100% ss,grad to sltst,cong,mic,f-mg,w/crs gs inbd,few incls of a,crs,qtz gs, few,wh,clusters,cong,crs qtz gs inbd in wh cong.
1580	1590	Ss aa,v cong w/many crs gd,inbd,few w/inbd ls,15% sh,dk brn,mic.
1590	1600	Same 10% sh do.
1600	1610	Same
1610	1620	100% ss-sltst-sh,dk rd-brn,mic,dol,fg sd inbd,shly.
1620	1630	Same
1630	1640	Same w/few crg ark type aa.

EXPL. 309 B-A

SAMPLE REPORT

Date.....19.....

Page #6 WELL NAME	FROM	TO	THICK-NESS	LITHOLOGY
British-American #1 Federal-Crmsby	1640	1670		Same
	1670	1680		Same, incrs in crs type.
	1680	1700		Same
	1700	1710		Same,wh,clusters, wh kao,w/inbd crs-a gts gs.
	1710	1740		Same
	1740	1750		Same ss-sltst,shly,sly more mar-dk rd,same type cong,sd-sltst.
	1750	1770		Same
	1770	1780		Tr dol,dk rd,dns,sdy,60% ss-sltst,dk mar as above,30% ss-sltst,dk rd-brnze, few mar w/inbd ls frogs.
	1780	1790		Tr dol do, 50% as above, 50% as above.
	1790	1800		Same
	1800	1810		75% ss-sltst,dk mar w/inbd fg do,25% ss-sltst,shly do.
	1810	1820		50% ss,cong,f-mg,few inbd crs gs,dk rd,mic & shly,calc,25% sltst each. Tr inbd ls.
	1820	1830		100% sltst,dk rd-or,mic & shly,dol.
	1830	1840		Same
	1840	1850		1% dol,grn,f gran,v sdy,mic,99% sltst do.
	1850	1870		Same
	1870	1880		40% ss,dk mar,cong,v shly,calc,inbd,m-crs gs,mic,60% sltst do.
	1880	1890		Same
	1890	1900		20% ss do,60% sltst do,20% sh,dk or.
	1900	1910		30% sd,lse,mg,pk & clr,70% sltst,dk or-rd,mic,dol w/fm inbd sd gs,r,shly.
	1910	1920		95% sltst do,5% sh,or-dk rd.
	1920	1930		3% dol,pk-rd,tr ls gr,sdy,10% ss,dk rd,mic,calc,shly,87% sltst do.
	1930	1940		10% ss do,shly,90% sltst do.

GEOLOGIST.....

EXPL. 309 B-A

SAMPLE REPORT

Date.....19.....

Page #7 WELL NAME	FROM	TO	THICK-NESS	LITHOLOGY
British-American #1 Federal-Ormsby	1940	1950		Tr gry-tan,fg,sdy dol,10% r silty sh,90% r,shly sd.
	1950	1960		Tr grn sh,100% r,sh.
	1960	1970		Same
	1970	1980		100% r,f,calc,shly sd.
	1980	1990		Same w/tr r sh.
	1990	2000		same
	2000	2010		Same
	2010	2020		40% r,f,calc,shly sd,60% r,silty sh.
	2020	2030		40% same,30% same,30% r,sh.
	2030	2040		70% r,f,calc sd,20% same,10% same.
	2040	2050		50% same,20% same,30% same.
	2050	2060		60% same,30% same,10% same.
	2060	2070		100% r,f,calc sd.
	2070	2080		60% r,f,calc sd,20% pk,f-m,sub ang to sub r,20% same.
	2080	2090		100% r,f,shly sd,sl calc.
	2090	2100		Same
	2100	2110		40% r,f,shly sd,sl calc,60% r,f,shly sltst.
	2110	2120		70% pk,m-cg,ang-sub ang,sl shly,mic sd,30% r sh.
	2120	2130		70% same,30% same.
	2130	2140		80% same,20% same.
	2140	2150		10% porp,f,gran,sdy lime,30% pk,m-cg,ang-sub ang,sl shly,mic sd,30% r sltst, 30% r sh.
	2150	2170		Same
	2170	2180		10% same,50% pk,f-mg,ang-sub ang,loose sd,40% r sh.
	2180	2190		30% gr,mg,ang,calc sd,20% pk,g-mg,ang-sub ang loose sd,50% r sh.

GEOLOGIST.....

EXPL 309 B-A

SAMPLE REPORT

Date.....19.....

WELL NAME Page #8	FROM	TO	THICK-NESS	LITHOLOGY
British-American #1 Federal-Ormsby	2190	2200		10% same,50% same,40% same.
	2200	2210		70% pk,f-mg,ang-sub rnd,loose sd,30% r sh.
	2210	2220		30% fg,sdy,mic lime,70% gr,mg,ang,calc,mica sd.
	2220	2230		30% same,70% same.
	2230	2240		30% same,70% same.
	2240	2250		10% same,90% same.
	2250	2260		70% r,f,shly,sl calc sd,30% r sh.
	2260	2270		Same
	2270	2280		100% pk,f-mg,ang,loose sd.
	2280	2300		100% pk,f-mg,ang,loose sd.
	2300	2310		100% r,silty sh.
	2310	2320		Same
	2320	2330		90% r,f,shly ss,10% r,silty sh.
	2330	2340		100% r,f,shly ss.
	2340	2360		Same
	2360	2370		100% r,silty sh.
	2370	2380		20% pk,f-cg,ang-sub ang,loose sd,80% r,silty sh.
	2380	2400		80% same, 20% same.
	2400	2410		100% pk,f-cg,ang-sub ang,loose sd.
	2410	2420		80% same,20% r sh.
	2420	2430		Tr,gr,fg,calc sd,70% pk,f-cg,ang-sub ang,loose sd,30% r sh.
	2430	2440		Same
	2440	2450		Tr,gr,fg,calc sd,100% red,f,ang,calc sd.
	2450	2460		Same
	2460	2470		Same

GEOLOGIST.....

EXPL. 309 8-A

SAMPLE REPORT

Date.....19.....

WELL NAME Page #9	FROM	TO	THICK-NESS	LITHOLOGY
British-American #1 Federal-Ormsby	2470	2480		10% gr,mg,ang,mic,sd,90% red,f,ang,calc sd.
	2480	2490		Same
	2490	2500		Tr,gr,mg,ang,mic,sd,100% red,f,ang,calc sd.
	2500	2510		Tr,gr,mg,ang,mic,sd,70% pk,ang,f-mg,loose sd,10% r,sdy sh,20% r sh.
	2510	2520		80% pk,ang,f-mg,loose sd,10% r,sdy sh,10% r sh.
	2520	2530		30% gr-pk,f xln ls,50% pk,ang,f-mg,loose sd,20% r,sdy sh,tr pk cht.
	2530	2540		40% gr-pk,f xln ls,50% pk,ang,f-mg,loose sd,10% r,sdy sh.
	2540	2550		60% pk,little gr,f xln,ocass f sdy,ls,10% g,fg,silty,l,20% r,f,shly sd, 10% r sh.
	2550	2560		60% same,10% same,20% same,10% same.
	2560	2570		30% gr,f,xln,slty,f,sdy,ls,10% g,fg,silty,l,30% g,f,shly,calc sd,30% r,f, shly sd,10% r sh.
	2570	2580		40% gr,f-m xln,sdy ls,60% gr,f,mic,calc sd.
	2580	2590		20% gr,f-mg,xln,sdy ls,20% gr,f,mic,calc sd,40% grn-gry sh,20% r sh.
	2590	2600		10% gr,f-mg,xln,sdy ls,10% gr,f,mic,calc sd,tr grn-gry sh,80% r sh.
	2600	2610		60% g-crm,f xn to earthy foss ls,10% pk,m,ang-sub ang sd,30% brn-red sh.
	2610	2620		10% gr-tan,f xln,foss,ls,60% gr-crm,vy f gran to earthy fossls,30% brn-rd sh.
	2620	2630		Same
	2630	2640		40% tan,f xln,foss,ls,20% gr-crm,vy f gran to earthy fossls,10% gr,fcalc, mic sd,30% r sh.
	2640	2650		Tr tan,f xln,foss,ls,10% gr,f,calc,mic,sd,80% r,f,shly sd,10% r sh.
	2650	2660		Tr gr,f,calc,mic,sd,20% r,f,shly sd,80% r,mica sh.
	2660	2670		Same
	2670	2680		70% gr,f xln,ls,10% crm,f calc,sd,20% r sh.
	2680	2690		70% gr-tan,f xln,sl foss ls,30% g,f,calc,mica sd.

GEOLOGIST.....

EXPL. 309 B-A

SAMPLE REPORT

Date.....19.....

WELL NAME Page # 10	FROM	TO	THICK-NESS	LITHOLOGY
British-American #1 Federal-Ormsby	2690	2700		Same
	2700	2710		60% same, 40% g,f,calc,mica,sd.
	2710	2720		40% same, 60% same.
	2720	2730		70% gr,f,xln,ls,30% gr,f,calc,sd.
	2730	2740		60% same, 40% same.
	2740	2750		70% same, 30% gr,f,gran,silty ls.
	2750	2760		20% same, 10% same, 70% g,silty,sh.
	2760	2770		80% same, 20% g,f,calc,sd.
	2770	2780		50% same, 50% same.
	2780	2790		40% same, 60% same.
	2790	2800		40% same, 60% same.
	2800	2810		Tr gr,f xln,ls,100% pk,clr,ang,loose ss.
	2810	2820		80% g,f xln,ls,10% g,f,calc,sd,10% r,m,ang,loose sd.
	2820	2830		100% g,f xln,ls.
	2830	2840		90% same, 10% gr,sh.
	2840	2850		100% gr,f,gran,silty,dolo.
	2850	2860		100% same.
	2860	2870		10% same, 80% tan-gr,f xln,ls,10% pk,m,ang,ark,sd.
	2870	2880		100% tan-gr,f xln,ls,tr w/scat pp por.
	2880	2890		90% gr-tan,f xln,ls,10% g,f xln,silic,ls,tr gr,chrt.
	2890	2900		30% same, 10% same, 20% gr,sh,30% gr,f,calc,ss.
	2900	2910		30% same, 60% same, 10% same.
	2910	2920		80% same, 20% gr,f,xln,silic,ls,tr gr,cht.
	2920	2930		30% same, 70% tan,f,calc,ss.
	2930	2940		40% gr,f xln,ls,60% gr,f,calc,sd,tr gr sh.

GEOLOGIST.....

EXPL. 309 8-A

SAMPLE REPORT

Date.....19.....

WELL NAME Page #11	FROM	TO	THICK-NESS	LITHOLOGY
British-American #1 Federal-Ormsby	2940	2950		70% g,f xln,silic,ls,30% gr,f,calc,sd,tr gr,sh.
	2950	2960		40% same, 50% lt gr,f,gran,ls,10% gr,sm,cht.
	2960	2970		10% crm,fn,pp por,ls,80% crm,f gran,ls,10% gr,sm,cht.
	2970	2980		20% same, 50% same, 30% gr-brn,sm,cht.
	2980	2990		30% g,f xln,silic,ls,50% same, 20% same.
	2990	3000		60% same, 30% same, 10% same.
	3000	3010		60% same, 30% lt tan,f,gr,limey ss,10% same.
	3010	3020		50% same, 50% same, tr gr-brn,sm,cht.
	3020	3030		50% same, 40% same, 10% grn sh.
	3030	3040		30% same, 70% same, tr grn sh.
	3040	3050		70% lt tan,f xln,ls,30% same,tr grn sh.
	3050	3060		100% same, w/tr grn sh.
	3060	3070		100% lt-med tan,f xln,tr sm,grn,sh.
	3070	3080		90% same, 10% chert.
	3080	3090		100% med-drk brn-blk,shly lst.
	3090	3100		100% lt-med gry, a,ls.
	3100	3110		Same
	3110	3120		100% blk,shly,ls.
	3120	3130		Same
	3130	3140		Same
	3140	3150		Same
	3150	3160		100% blk-lt tan,f xln,ls.
	3160	3170		80% same, 20% lt tan,f gr ss.
	3170	3180		90% same, 10% lt tan,limey,f,gr,ss.
	3180	3190		80% lt-med tan,f xln,ls,20% lt tan,limey,fg,ss.

GEOLOGIST.....

EXPL. 309 8-A

SAMPLE REPORT

Date.....19.....

Page #12 WELL NAME	FROM	TO	THICK-NESS	LITHOLOGY
British-American #1 Federal-Ormsby	3190	3200		90% same, 10% same.
	3200	3210		90% same, 10% blk sh.
	3210	3220		10% same, 90% med-dk gry,fg,ss.
	3220	3230		10% same, 90% pink,mica,dirty ss.
	3230	3240		10% same, 90% same.
	3240	3250		100% lt gry,dns,f xln,ls.
	3250	3260		Same
	3260	3270		60% same, 30% pink,mica,dirty ss,10% blk sh.
	3270	3280		80% same to blk shly ls,20% blk sh.
	3280	3290		70% same, 20% med gry,mica,dirty ss,10% blk sh.
	3290	3300		80% lt gry,f xln,ls,20% wh,fg,ss,tr blk sh.
	3300	3310		40% same, 60% med gry,fg,dirty ss.
	3310	3320		Cavings
	3320	3330		100% drk gry-blk,f xln,ls,tr blk sh.
	3330	3340		80% same, 20% blk sh.
	3340	3350		90% lt gry,f xln,ls,10% blk sh.
	3350	3360		Same
	3360	3370		100% lt gry-med brn,f xln,ls,tr blk sh.
	3370	3380		60% med gry,f xln,sdy ls,40% drk gry,lmy sd.
	3380	3390		40% same, 60% drk gry,lmy sd,10% gry sh.
	3390	3400		90% med gry,f xln,shaley,ls,10% sd.
	3400	3410		80% med gry,f xln,sdy,ls,20% lmy sd.
	3410	3420		60% lt gry,f,ti,sdy,ls,40% same.
	3420	3430		60% same, 40% same.
	3430	3440		80% same, 20% same.

GEOLOGIST.....

EXPL. 309 B-A

SAMPLE REPORT

Date.....19.....

WELL NAME Page #13	FROM	TO	THICK-NESS	LITHOLOGY
British-American #1 Federal-Ormsby	3440	3450		100% lt-med gry,f xln,ls,tr lmy sd.
	3450	3460		100% same, tr ss.
	3460	3470		100% lt-med gry,f xln,ls.
	3470	3480		90% med-drk gry-blk,shly ls,10% blk sh.
	3480	3490		100% drk gry-blk,shly,ls,tr blk sh.
	3490	3500		80% same, 20% blk sh.
	3500	3510		60% same, 40% lt gry,fg,limey ss.
	3510	3520		40% same, 60% same.
	3520	3530		60% same, 40% same.
	3530	3540		60% same, 40% same.
	3540	3550		90% lt-med gry-lt tan,f xln,ls,10% cht.
	3550	3560		100% same, tr chert.
	3560	3570		100% same, tr ss,tr chert.
	3570	3580		80% same, 20% wh,fg,ss.
	3580	3590		80% same, 20% same.
	3590	3600		60% same, 40% same.
	3600	3610		80% lt gry,f xln,ls,20% same.
	3610	3620		20% same, 80% same.
	3620	3630		40% same, 60% same.
	3630	3640		80% dk gry,f xln,dns,shly,ls,20% same.
	3640	3650		100% dk gry,f xln,dns,shly,ls.
	3650	3660		100% lt tan-dk gry,f xln,dns,ls.
	3660	3670		100% same.
	3670	3680		100% wh,chalky-lt tan,dns,ls,tr ss.
	3680	3690		90% same (samples very fine) 10% wh,fg,ss.

GEOLOGIST.....

EXPL. 309 8-A

SAMPLE REPORT

Date.....19.....

WELL NAME Page #14	FROM	TO	THICK-NESS	LITHOLOGY
British-American #1 Federal-Ormsby	3690	3700		90% same, 10% same.
	3700	3710		80% same, 20% same.
	3710	3720		60% same, 40% same.
	3720	3730		100% lt-med gry,f xln,ls.
	3730	3740		100% same.
	3740	3750		90% dk gry,dns,ls,10% ss.
	3750	3760		Same
	3760	3770		Same
	3770	3780		90% same, 10% ss.
	3780	3790		60% same (pred. cavings)40% lt gry,f,gr,ss.
	3790	3800		Cavings
	3800	3810		30% lt gry,dns,f xln,ls,70% wh,fg,ss.
	3810	3820		40% same, 60% same.
	3820	3830		90% med-drk gry,f xln,dns,ls,10% chert.
	3830	3840		70% gry,f gran,sl sdy,ls,30% brn,f xln,ls.
	3840	3850		70% same, 30% same.
	3850	3860		30% gr,f gran,ls,70% same.
	3860	3870		30% same, 70% same.
	3870	3880		10% same, 90% same, tr wh cht.
	3880	3890		20% crm,f gran,ls,80% tan,f xln,ls.
	3890	3900		40% same, 60% same w/tr wh cht.
	3900	3910		50% gr,f gran,ls,50% same.
	3910	3920		30% same, 70% same.
	3920	3930		60% same, 40% same, tr gr cht.
	3930	3940		40% same, 30% same, 30% gry,calc,sd.

GEOLOGIST.....

EXPL. 309 8-A

SAMPLE REPORT

Date.....19.....

WELL NAME Page #15	FROM	TO	THICK-NESS	LITHOLOGY
British-American #1 Federal-Ormsby	3940	3950		Same
	3950	3960		30% same, 60% same, 10% same.
	3960	3970		100% gr,f gran,sdy,ls.
	3970	3980		40% same, 60% tan,f xln,ls.
	3980	3990		20% same, 80% same.
	3990	4000		100% gr-tan, f xln,ls.
	4000	4010		Same
	4010	4030		Same
	4030	4040		10% lt brn,f gran,ool,por,oil stned,ls, 90% gr-tan,f xln,ls.
	4040	4050		30% same, 70% gr-tan,f xln,ls.
	4050	4060		20% same, 60% same, 20% gr,calc,sd.
	4060	4070		10% same, 30% same, 60% same.
	4070	4080		50% gr,f,sdy,ls,50% gr,f calc,sd.
	4080	4090		100% gr,f gran,sdy,ls,tr gr,sm,cht.
	4090	4100		80% same, 20% gr-tan,sm,cht.
	4100	4110		80% same, 10% grn sh,10% gr-tan,sm,cht.
	4110	4120		90% same, 10% same, tr gr-tan,sm cht.
	4120	4130		Same
	4130	4140		100% gr,f,sdy,ls,tr grn sh,tr gr-tan,sm cht.
	4140	4150		10% tan,f xln,anhy,ls,80% tan,fg,sdy,ls,tr anhy,10% brn cht.
	4150	4160		Same
	4160	4170		80% tan,fg,sdy,ls,10% grn sh,10% brn cht.
	4170	4180		80% same, 20% brn cht.
	4180	4190		60% same, 40% same.
	4190	4200		40% same, 60% same.

GEOLOGIST.....

EXPL. 309 B-A

SAMPLE REPORT

Date.....19.....

WELL NAME Page #16	FROM	TO	THICK-NESS	LITHOLOGY
British-American #1 Federal-Ormsby	4200	4210		40% same, 60% same.
	4210	4220		50% same, 20% f,gr,calc,sd,30% brn cht.
	4220	4230		30% gr,f,sdy,ls,tr anhy,70% gr,f,calc,sd,tr brn cht.
	4230	4240		10% same, 90% same, tr brn cht.
	4240	4250		30% same, 60% same, 10% same.
	4250	4260		10% same, 90% gr,f,calc,sd.
	4260	4270		Impossible to interpret, 100% cvg & cmt.
	4270	4280		Same? plainly anhy,wh.
	4280	4290		Same,wh,anhy,xln.
	4290	4300		Consi cvg,wh,anhy,xln,consi rd xln,sel.
	4300	4340		Same
	4340	4350		30% salt,wh,70% aa,cvg.
	4350	4360		90% anhy,wh,few w/salt casts,10% salt.
	4360	4370		60% wh & tan anhy,molt,salt casts,40% anhy,ls,tan,dns,ocass pp por,grades to lmy anhy.
	4370	4380		10% anhy,ls,aa,90% ls,dk gr,f xln,p-fair pp & vug por,ocass gd vug por, approx. 1/2 grades to anhy,lmy,dol.(Vugs appear to have sl stn effect, but no cut,calc lined,few inbd anhy& salt.)
	4380	4390		100% sh,br-sooty blk,calc,mic,v carb.
	4390	4400		Same
	4400	4410		50% salt,wh,few pk,50% sh aa.
	4410	4420		10% sh aa,75% ss-sltst,wh,vf,p p&p,v calc,sly s&p,15% cvg.
	4420	4430		100% ss-sltst aa,v calc.
	4430	4440		5% anhy,wh,f xln,95% gyp,wh,soft,snowy,few xln.
	4440	4450		20% gyp aa,50% ls,v dk gr-blk,f xln,30% sh,blk,sooty,v calc,may be cvg?

GEOLOGIST.....

EXPL. 309 B-A

SAMPLE REPORT

Date.....19.....

WELL NAME Page #17	FROM	TO	THICK-NESS	LITHOLOGY
British-American #1 Federal-Ormsby	4450	4460		20% anhy,wh,f xln,30% gyp,wh,aa,50% salt.
	4460	4470		100% salt
	4470	4520		Same
	4520	4530		15% anhy,wh-tan,molt,xln,85% gyp,wh,snowy,soft.
	4530	4540		10% anhy aa,30% gyp aa,60% sltst,tan,vfg,calc,silty,anhy,shly.
	4540	4550		10% sltst,aa,v shly,90% sh,gr-tan,calc,v anhy.
	4550	4560		100% sh,dk gr-blk,sooty,v carb,calc,fair bld gas from samples.
	4560	4570		100% sh aa.
	4570	4580		50% sltst,tan,vfg,v ply dev,anhy & calc,50% sh aa.
	4580	4590		100% sltst aa.
	4590	4600		100% gyp,wh,snowy,soft.
	4600	4610		100% gyp aa.
	4610	4620		50% sltst,gr-tan,vvfg,calc & anhy,50% gyp aa.
	4620	4630		90% sltst aa,10% gyp aa.
	4630	4640		99% sltst aa,bec v anhy,tr gyp aa.
	4640	4650		100% sltst aa.
	4650	4660		100% sh,brn-blk,sooty,v carb,calc.
	4660	4690		Same
	4690	4700		100% sh,gr-tan,v calc & gypy.
	4700	4720		Same
	4720	4730		Same v calc sh.
	4730	4740		Same
	4740	4750		100% sh,dk gr-blk,sooty,tr gas on analyzer.
	4750	4760		5% ss,gr,vfg,ti,v calc,95% sh,gr,aa,tr rd sh,not calc,cvg?
	4760	4770		20% anhy,wh-gr,tr gyp,80% sh aa,consi rd sh,rd sltst,much trash cvg?

GEOLOGIST.....

EXPL. 309 8-A

SAMPLE REPORT

Date.....19.....

WELL NAME Page #18	FROM	TO	THICK-NESS	LITHOLOGY
British-American #1 Federal-Ormsby	4770	4780		30% anhy aa,70% sh,dk gr-blk,sooty,calc,anhy stgs.
	4780	4790		Same
	4790	4800		100% sd,gr,vfg,v gypy,bad cvg.
	4800	4830		100% salt,wh,clr.
	4830	4840		90% anhy,wh-tan,few shly,tr gyp,10% salt.
	4840	4900		70% anhy,wh-tan,clayey,tr gyp,wh,30% tan,sh,v anhy, much cvg.
	4900	5000		log as 100% salt,samples are v poor,terrible, most of the time very little returns.
	5000	5050		100% salt,v poor samples.
	5050	5140		100% salt,ocass tr,pk,salt,ocass pk sh incl,ocass tr wh anhy.
	5140	5150		10% salt aa,90% gyp,wh,soft,snowy.
	5150	5160		20% gyp aa,80% salt,wh,clr,xln.
	5160	5170		100% sh,gr-tan,anhy,calc,carb.
	5170	5190		Same
	5190	5200		? Impossible to interpret.
	5200	5230		Drlg sh & syp,poor samples,approx 50% tan,gypy sh,calc,50% wh,gyp.
	5230	5240		20% gyp aa,20% sh aa,60% salt,wh.
	5240	5300		100% salt,wh,xln.
	5300	5460		100% salt,w ocass tr gyp,wh(stringers of gyp.)
	5460	5470		50% gyp,wh,soft,50% salt aa.
	5470	5490		Same
	5490	5500		100% salt,wh,clr.
	5500	5570		100% salt,sl tr gyp.
	5570	5580		30% gyp,wh,70% salt aa.
	5580	5590		80% same, 20% same, v sl tr gas.

GEOLOGIST.....

EXPL. 309 B-A

SAMPLE REPORT

Date.....19.....

WELL NAME Page #19	FROM	TO	THICK-NESS	LITHOLOGY
British-American #1 Federal-Ormsby	5590	5600		100% salt,wh,ocass tr gyp.
	5600	5650		100% salt aa.
	5650	5660		100% gyp,wh,soft,snowy.
	5660	5670		20% anhy,bf-tan,xln,80% gyp aa,much cvg.
	5670	5680		5% ls,bf-tan,xln,dns,cvg? 40% anhy aa,55% gyp aa.
	5680	5700		10% sltst,gr,vfg,calc,gypy,40% anhy aa,50% gyp aa.
	5700	5760		100% salt,wh,clrn,xln,ocass incl of gyp,wh,few tr pk salt.
	5760	5770		100% salt,tr gyp,wh.
	5770	5790		100% salt,wh,xln.
	5790	5810		100% salt,w/gd tr gyp,wh.
	5810	5820		90% salt,10% anhy,wh.
	5820	5830		20% anhy,wh,xln,70% gyp,gr-wh,soft,10% salt aa.
	5830	5840		10% anhy,aa,90% gyp aa,v sly tr gas on analyzer.
	5840	5850		10% anhy,aa,90% gyp aa,v sly tr gas on analyzer, sample has picked up consi cvg.
	5850	5860		Same
	5860	5870		100% salt,wh,xln.
	5870	5900		100% salt aa.
	5900	5910		20% gyp,wh,soft,80% salt aa.
	5910	5920		100% salt aa.
	5920	6000		Same
	6000	6010		50% anhy,gr,v shly,30% sh,dk gr,v anhy,20% salt aa.
	6010	6020		40% gyp,gr,shly,60% sh,gr,v gypy,calc.
	6020	6030		Same
	6030	6040		40% anhy,wh-tan,xln,60% gyp,shly aa.

GEOLOGIST.....

EXPL. 309 8-A

SAMPLE REPORT

Date.....19.....

WELL NAME Page #20	FROM	TO	THICK-NESS	LITHOLOGY
British-American #1 Federal-Ormsby	6040	6060		100% salt,wh,xln.
	6060	6070		100% gyp,wh,soft,snowy.
	6070	6090		Same w/much cvg.
	6090	6100		Same w/almost 100% cvg.
	6100	6110		100% gyp aa,poss stg,sh,gr,gypy.
	6110	6120		100% salt,wh,xln,tr salt,pk,xln.
	6120	6130		100% salt,pk-wh,xln.
	6130	6200		100% salt,pk-wh,xln.
	6200	6240		100% salt,wh,xln,few pk,xln.
	6240	6250		20% gyp,gr-wh,soft,80% salt aa.
	6250	6260		10% sh,blk,v carb,sooty,calc,80% gyp aa,10% salt.
	6260	6270		80% sh,blk,aa,few pyr,v sooty,20% gyp,gr-wh aa.
	6270	6280		90% gyp,wh,soft,snowy,10% sh aa.
	6280	6290		80% salt,wh,xln,20% gyp,wh aa.
	6290	6300		100% salt,wh,xln,sly anhy,no stn,no app por,no drlg brk.
	6300	6310		100% salt,v sly anhy.
	6310	6320		100% salt,wh,xln.
	6320	6330		100% salt.
	6330	6340		100% salt,wh,xln.
	6340	6350		20% anhy,wh,xln,80% salt aa.
	6350	6360		10% anhy,wh,90% salt,wh,xln,tr pk.
	6360	6400		100% salt aa.
	6400	6410		20% gyp,wh,soft,80% salt aa.
	6410	6420		100% gyp,wh,soft.
	6420	6430		80% gyp aa,20% salt,wh,xln.

GEOLOGIST.....

EXPL. 309 8-A

SAMPLE REPORT

Date.....19....

WELL NAME Page #21	FROM	TO	THICK-NESS	LITHOLOGY
British-American #1 Federal-Ormsby	6430	6500		100% salt,wh,xln.
	6500	6510		90% gyp,gr,soft,10% sh,gr,soft,gypy.
	6510	6520		10% gyp,aa,90% salt,wh,xln.
	6520	6670		100% salt,wh,xln.
	6670	6680		50% gyp,gr-wh,soft,50% sh,gr-blk,carb,calc.
	6680	6690		70% gyp aa,20% sh,gr,gypy,calc,10% sh,blk aa.
	6690	6700		100% salt,wh,xln.
	6700	6980		Same
	6980	6990		100% salt,80% aa,20% less tan-brn stn?
	6990	7000		30% gyp,gr,50% sh,gr,soft,gypy? v calc,20% salt.
	7000	7010		70% sh,gr-brn,carb,calc,20% sh,gr,gypy & calc? 10% salt.
	7010	7020		100% gyp.
	7020	7030		60% gyp aa,40% sh,gr,gypy,carb,tr gas on analyzer.
	7030	7040		10% gyp aa,90% salt,wh,clr,xln.
	7040	7050		60% gyp aa,20% sh,gr,carb,gypy,20% salt aa.
	7050	7060		40% gyp aa,60% salt.
	7060	7080		100% salt aa.
	7080	7090		50% gyp,wh,soft,50% salt aa.
	7090	7100		100% gyp aa.
	7100	7110		90% gyp,10% salt.
	7110	7270		100% gyp.
	7270	7280		20% sh,gr-tan,soft,gypy,carb & calc,tr gas on analyzer,80% salt aa.
	7280	7290		80% gyp,wh,soft,20% sh,carb,aa.
	7290	7300		100% gyp,wh,soft,snowy.
	7300	7310		30% gyp aa,40% sh,gr-tan,carb,calc,gypy,40% sh,dk gr-blk,carb,sly calc, show gas on analyzer.

GEOLOGIST.....

EXPL. 309 B-A

SAMPLE REPORT

Date.....19.....

Page #22 WELL NAME	FROM	TO	THICK-NESS	LITHOLOGY
British-American #1 Federal-Ormsby	7310	7320		10% gr,shly sd,90% gr sh.
	7320	7330		100% gr,f,calc,sd.
	7330	7340		Tr brn,f xln,ls,100% g,f,calc,sd.
	7340	7350		20% gyp, 80% gr,f,gyp,sd.
	7350	7360		40% same, 60% same.
	7360	7370		70% same, 30% blk sh.
	7370	7380		90% same, 10% same.
	7380	7390		60% same, 40% gr,shly,f,sd.
	7390	7400		40% same, 20% same, 40% blk sh.
	7400	7410		100% salt.
	7410	7420		Same
	7420	7430		10% salt, 80% gyp, 10% blk sh.
	7430	7440		30% bf,f,sd,60% gyp,10% blk sh.
	7440	7450		100% salt.
	7450	7460		60% gyp, 30% tan,f,shly,sd,10% blk sh.
	7460	7470		80% same, tr tan,f,shly sd,20% blk sh.
	7470	7480		30% tan,f,shly sd,70% blk sh.
	7480	7490		20% dk brn-blk,f xln,dol,20% gyp,60% blk sh.
	7490	7500		90% gyp,10% blk sh.
	7500	7510		30% g,f,sdy,gran,ls,30% gyp,40% gry,f,calc,sd.
	7510	7520		20% g,f,sdy,gran,ls,30% brn,f,gran-xln ls,30% gyp,10% gry,f,calc,sd, 10% blk sh.
	7520	7530		10% same, 50% brn-tan,f,gran-xln ls,10% gyp,30% gry,calc,sh.
	7530	7540		10% dk brn,f xln,ls,60% gr,f,gran,shly,ls,10% gyp,30% gry,calc,sh.
	7540	7550		10% gry,f,gran,shly,ls,10% gyp,70% gry,calc,sh,10% blk sh.

GEOLOGIST.....

EXPL. 309 8-A

SAMPLE REPORT

Date.....19.....

WELL NAME Page #23	FROM	TO	THICK-NESS	LITHOLOGY
British-American #1 Federal-Ormsby	7550	7560		10% gry,f,gran,shly,ls,10% gyp,75% sh,gr-dk gr,carb,v calc,v sly mic, 5% blk sh.
	7560	7570		20% ls,lt gr-wh,dns,chalky,40% ls,tan,v fly frag,ti,gran,(approx 15% oolitic),35% sh,calc,aa,5% sh,blk.
	7570	7580		100% ls,wh,chky,soft,dns,no por,tr grading to marl.
	7580	7585		30% ls,gr,f xln,dns,45% ls,chky,aa,20% cht,org-brn-tan-wh,5% sh,gr,soft, calc.
	7585	7590		Same
	7590	7595		100% ls,lt gr-wh,chky,dns,few gr xln,dns,gd tr cht,wh-tan,arg.
	7595	7600		100% ls,aa,tr ls,gr,ool & frag,tr wh cht aa.
	7600	7610		50% ls,gr-wh,f xln,dns,20% cht,tan,org,wh,brn,30% sh,gr-grn,purp,sdy & v calc.
	7610	7620		100% sh,dk rd,soft,sdy,few inbd f-m gs,v calc.
	7620	7630		100% sh,dk rd,sdy,calc,tr anhy.
	7630	7640		80% sh,rd,20% wh,weathered chert,tr conglo.
	7640	7650		100% wh,weathered chert.
	7650	7660		100% red,sh,soft,sdy,sl calc.
	7660	7670		100% red sh.
	7670	7720		Same.
	7720	7730		90% red sh,10% grn sh,tr bentonite.
	7730	7740		100% lt gr-wh,f xln,dolo,tr chert.
	7740	7750		100% lt gry,f xln,dolo,ls.
	7750	7770		100% lt-med gry,f-med xln,dolo,tr 20% intra xln poro,NS.
	7770	7780		100% wh,chalky-lt gry,f xln,dolo ls.
	7780	7790		Same

GEOLOGIST.....

EXPL. 309 B-A

SAMPLE REPORT

Date.....19....

WELL NAME Page #24	FROM	TO	THICK-NESS	LITHOLOGY
British-American #1 Federal-Ormsby	7790	7800		100% lt gry,f xln,wh,chalky,dolo,ls.
	7800	7810		Same
	7810	7820		100% wh,chalky,ls.
	7820	7830		80% wh,chalky,ls,20% lt gry-lt tan,f xln,dolo.
	7830	7840		100% wh,chalky,ls.
	7840	7850		100% med-dk tan-med gry,f xln,dolo,w/tr pp por.
	7850	7860		20% wh,chalky,ls,80% wh-lt gry,f xln,dolo,w/20-30% pp & vug por.
	7860	7870		20% same, 80% same.
	7870	7880		100% lt tan,suc-f xln,dolo w/30-40% intra xln and v vug por.
	7880	7890		100% dolo (same)
	7890	7900		10% lt gry,f xln,ls,90% lt tan,f xln,dolo w/20-30% intra xln & v vug por.
	7900	7910		100% dolo (same)
	7910	7920		100% dolo (same)
	7920	-		Ran core
	7964	7970		100% dolo,gr,m xln,fair-gd vug por,some inter xln por,(approx 75% cvg.)
	7970	7980		100% dolo,aa,w/few p-fair por,few dd,dns,consi cvg aa.
	7980	7990		100% dolo,gr-wh,m-crs xln,gd-exc vug por,some inter xln por,consi cvg aa.
	7990	8000		Same, drlg brk at 7998 and lost cir.
	8000	8010		100% dolo,lt gr-wh,f-m xln,p-fair vug por,tr inter xln por,few grad to dns, tr gd por aa,approx 5-10% dolo w/exc por-vug w/cal lining.
	8010	8020		50% dolo,aa,50% w/exc vug por,50% w/gd vug por; 35% dolo,wh,crs xln,sly foss,shell frag,tr inter xln por,15% cht,tan.
	8020	8030		100% dolo,gr-wh,f-m xln,few dns,fair-gd vug por,tr wh cht.
	8030	8040		100% dolo,aa,grades to gr-tan.

GEOLOGIST.....

EXPL. 309 B-A

SAMPLE REPORT

Date ..... 19 ....

WELL NAME	FROM	TO	THICK-NESS	LITHOLOGY
Page #25				
British-American #1 Federal-Ormsby	8040	8050		40% dolo,gr-tan,f-m xln,dns,tr w/fair pp por,60% dolo,aa.
	8050	8060		Same,tr gr dolo w/fair-gd inter xln por.
	8060	8065		100% dolo,gr-tan,m xln,few w/gd inter xln por,few w/vug por,few vugs w/xln calc.

GEOLOGIST H. A. Holton

Form OGCC-1

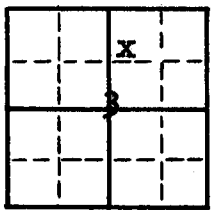
(SUBMIT IN DUPLICATE)

LAND:

Fee and Patented ☐
State ☐
Lease No.

Public Domain ☒
Lease No. U-04108

Indian ☐
Lease No.



STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

11-H
8-19

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill		Subsequent Report of Water Shut-off	
Notice of Intention to Change Plans		Subsequent Report of Altering Casing	
Notice of Intention to Redrill or Repair		Subsequent Report of Redrilling or Repair	
Notice of Intention to Pull or Alter Casing		Supplementary Well History	
Notice of Intention to Abandon Well	XX		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

July 25, 1958

Fed. Ormsby
Well No. 1 is located 820 ft. from {N} line and 2097 ft. from {E} line of Sec. 3

SW NW NE Sec 3 (¼ Sec. and Sec. No.) — 27 S (Twp.) — 19 E (Range) — SLCM (Meridian)

Upheaval Dome (Field) — San Juan (County or Subdivision) — Utah (State or Territory)

The elevation of the derrick floor above sea level is 6030 feet. KB

A drilling and plugging bond has been filed with USGS.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Drilled to total depth of 8065'KB, plugged back to 4268'KB, perforated and tested the lower Hermosa formation with no commercial recoveries, acidized same with 5000 gallons 15% HCL acid flushed to formation with 70 barrels crude, swabbed load oil and acid water but had no other recoveries. It is proposed to plug and abandon by shooting off and pulling free casing, fill hole with heavy Rotary mud with a 25 sax cement plug opposite perforations 4060-4032, 45 sax cement plug at approx 2185 to 2125, 20 sax cement plug in bottom of surface casing, 15 sax cement plug in top of surface casing, erect dry hole marker, clean up, fill the mud pits, level and abandon location.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company The British-American Oil Producing Company

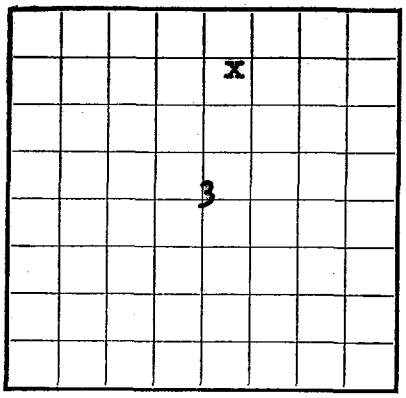
Address Box 180 — By Thomas M. Hogan

Denver 1, Colorado — Title District Superintendent

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

W/

Form OGCC-3



LOCATE WELL CORRECTLY

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

State Capitol Building
Salt Lake City 14, Utah

To be kept Confidential until Not Confidential
(Not to exceed 4 months after filing date)

LOG OF OIL OR GAS WELL

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

Lease or Tract: ORMSBY Field Upheaval Dome State Utah

Well No. 1 Sec. 3 T. 27S R. 19E Meridian SLCM County San Juan

Location 820 ft. {N./S.} of N Line and 2097 ft. {E./W.} of E Line of NE/4 Elevation 6030 (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 Thomas M. Hogan

Date August 7, 1958 Title District Superintendent

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

Commenced drilling May 13, 1958 Finished drilling July 18, 1958

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 From—	Perforated To—	Purpose
20"	65.7	P.E.	LP	38'	None				
13-3/8	48	8rd	H-40	481'	Texas				
9-5/8	40	8rd	N-80	4289	Baker	2155 to GL			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
20"	45'KB	65	Howco		
13-3/8	496'KB	314	"		
9-5/8	4261KB	410	"		

MARK

FOLD

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 8065 feet, and from ..... feet to ..... feet

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

DATES

....., 19..... Put to producing Plugged 7-26, 1958

The production for the first 24 hours was ..... barrels of fluid of which .....% 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

Exploration Drilling Co., Driller ....., Driller

607 Nat'l Bank of Tulsa

Tulsa, Oklahoma, Driller ....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
See Geological sample description, completion report and core report attached.			