

FILE NOTATIONS

Entered in NID File
 Entered on S R Sheet
 Location Map Pinned
 Card Indexed
 I W K for State or Fee Land

Checked by Chief
 Copy NID to Field Office
 Approval Letter
 Disapproval Letter

COMPLETION DATA:

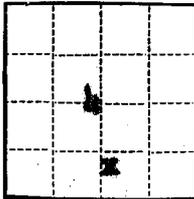
Date Well Completed 9-29-57 Location Requested _____
 OW _____ WW _____ TA _____ Bond not on _____
 GV _____ OS _____ PA State of Fee Land _____

LOGS FILED

Driller's Log 11-15-57
 Electric Logs (No.) 3
 E. ~~W~~ E-I GR _____ GR-N _____ Micro _____
 Lat. Mi-L Sonic _____ Others _____

Shell Oil Corp took over all operations of the British Amer. Prod Co. (1966)

*LWP
4.29.91*



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. 02996
Unit Federal Damers

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	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)

August 5, 1957

Well No. 1 is located 720 ft. from S line and 2140 ft. from E line of sec. 30
4 39 South 16 E.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Cedar Mesa San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6700 ft. (estimated)

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 Helms formation Pennsylvanian age.
Conductor Pipe: 16" OD csg. to be set at 79' KB and cemented with 100 sax. Circ. to surface.
WOC 24 hrs. Surface Casing: 10-3/4" OD 32.75# N-40 casing to be set at 857' KB and cemented with 700 sax and circulated to surface. WOC 24 hrs. **Production Casing:** 5-1/2" OD 28# 1# J-55 casing to be set thru the lowest oil producing zone. Use centralizers and rotating type scratchers thru prospective producing zones and cement with 200 sax Pennix "B" with 2 1/2 Gal. WOC 72 hrs. **Coring:** 50' Upper Boundary Butte, 50' Lower Boundary Butte and 50' Lower Hermosa, if warranted by logging unit. **Logging:** ES-Induction Log from TD to surface csg. Microlog from 50' above Hermosa to TD. Microlaterolog with caliper same as Microlog. Laterolog same as Microlog. Gamma Ray neutron from surface to TD. Mud logging unit from Hermosa to TD. **Drilling Time:** Geolograph to be used from 210' to TD. **Drift Surveys:** At 50' intervals to 300'; thereafter at 250' intervals. **Standard Depth Measurements:** NLM of drill pipe at approx. 150' above the Hermosa, prior to coring, prior to DST, and at TD.

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, Colo.
Original Signed By: J. E. Steir
By _____
Title District Engineer

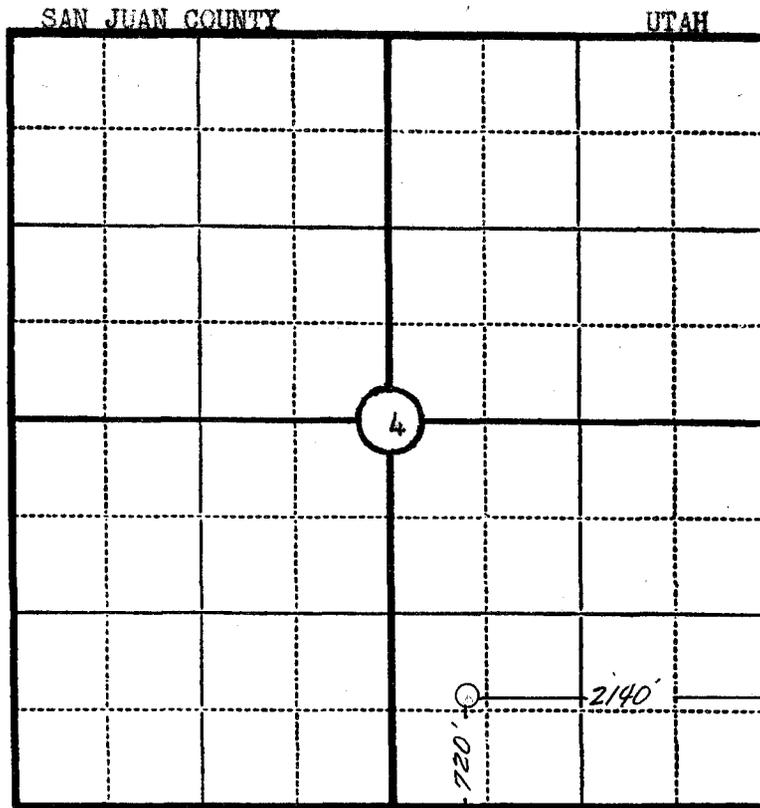
Company BRITISH AMERICAN OIL PRODUCING CO.

Lease GOVERNMENT DANVERS Well No. 1

Sec. 4, T. 39 SOUTH, R. 18 EAST, S.L.M.

Location 720' from the SOUTH LINE and 2140' from
the EAST LINE

Elevation 6504.0 UNGRADED



Scale—4 inches equal 1 mile.

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.

Seal:

James P. Leese

Registered Land Surveyor.

James P. Leese

Utah Reg. No. 1472

Surveyed 2 AUGUST, 1957

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

August 8, 1957

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

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill well No. Federal 1, which is to be located 720 feet from the south line and 2140 feet from the east line of Section 4, Township 39 South, Range 18 East, SEEM, San Juan County, Utah.

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

However, said approval is conditional upon a plat being submitted in accordance with Rule C-4, General Rules and Regulations and Rules of Practice and Procedure, Oil and Gas Conservation Commission, State of Utah.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FERRETT
SECRETARY

GBF:cn

cc: Don Russell, Dist. Eng.
U.S.G.S. Federal Bldg.
Salt Lake City, Utah

File 2

THE BRITISH-AMERICAN OIL PRODUCING COMPANY

DENVER CLUB BUILDING

DENVER 1, COLORADO

PRODUCTION & ENGINEERING DEPT.

ADDRESS ALL CORRESPONDENCE TO
POST OFFICE BOX 180

August 13, 1957

Oil & Gas Conservation Commission
The State of Utah
Room 140 State Capitol Building
Salt Lake City 14, Utah

Attention: Mr. C. B. Feight

Gentlemen:

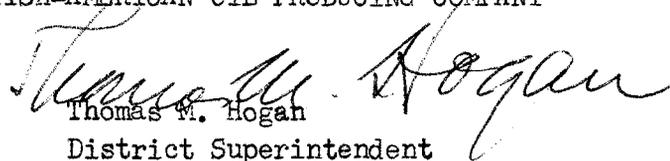
In accordance with the request contained in your letter of August 8, 1957, wherein you granted State approval for the drilling of our Federal Danvers #1 well to be located 720 feet from the south line and 2140 feet from the east line of Section 4-39S-18E, SLBM, San Juan County, Utah, we are enclosing herewith one copy of the registered surveyor's location plat. It is our understanding that our field office at Farmington, New Mexico, has already submitted three copies of the attached plat to the U.S.G.S. in Salt Lake City and two copies to your office. If these plats are not in accordance with existing regulations, please advise what additional information will be required as soon as possible.

We shall appreciate very much your sending us two copies of the "General Rules and Regulations and Rules of Practice and Procedure" of the Oil & Gas Conservation Commission of the State of Utah.

We would also appreciate your sending us a supply of all forms required to be filed with the Oil & Gas Conservation Commission in connection with drilling operations.

Very truly yours,

THE BRITISH-AMERICAN OIL PRODUCING COMPANY


Thomas M. Hogan
District Superintendent

AHH:ls

Enc.

cc: Mr. N. R. Stone

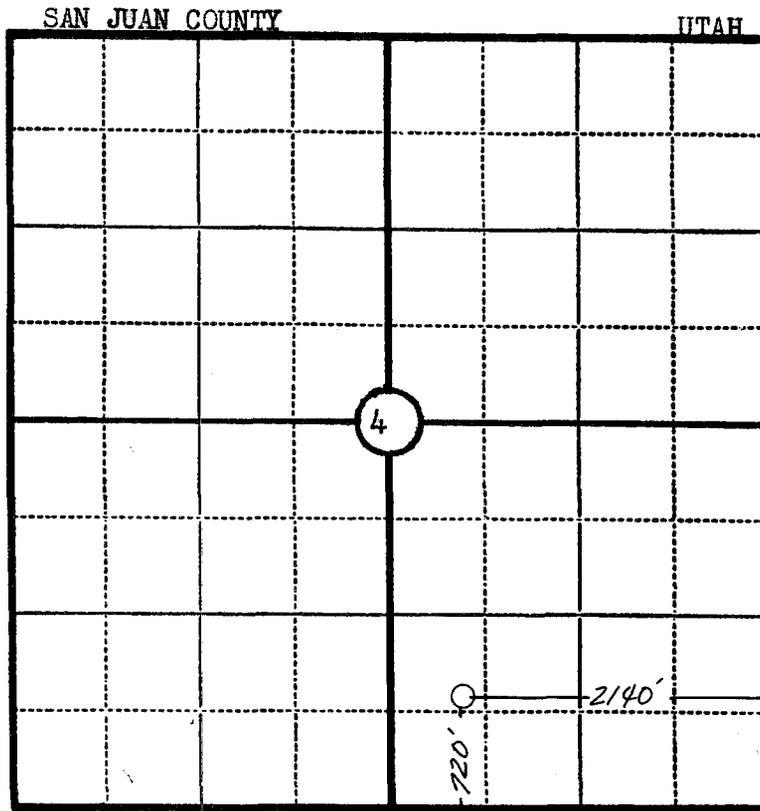
Company BRITISH AMERICAN OIL PRODUCING CO.

Lease GOVERNMENT DANVERS Well No. 1

Sec. 4, T. 39 SOUTH, R. 18 EAST, S.L.M.

Location 720' from the SOUTH LINE and 2140' from the EAST LINE

Elevation 6504.0 UNGRADED



Scale—4 inches equal 1 mile.

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.

James P. Leese

Seal:

Registered Land Surveyor.

James P. Leese

Utah Reg. No. 1472

Surveyed 2 AUGUST, 1957

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

August 21, 1957

Noted
C.A.H.
8-19-57

The British-American Oil Producing Company
Box 180
Denver, Colorado

Attention: Thomas M. Hogan, District Superintendent

Gentlemen:

This is to acknowledge receipt of your letter of August 13, 1957, and the copy of the registered surveyor's location plat for Well No. Federal Danvers 1.

Thank you very much.

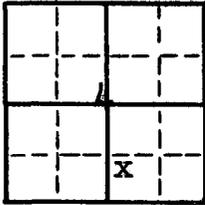
Enclosed herewith are two copies of the General Rules and Regulations and Rules of Practice and Procedure, and a supply of our forms, as per your request.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

GLENN B. FRIGHT
SECRETARY

GBF:ga



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

*Notes
cont
9-16-57*

Fee and Patented.....
State
Lease No. U-02986
Public Domain
Lease No.
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.....		Running conductor and surface casing.....	<input checked="" type="checkbox"/>

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

..... August 27, 19.57
Fed. Danvers
Well No. 1 is located 720 ft. from ~~XXX~~ {S} line and 2140 ft. from ~~XXX~~ {E} line of Sec. 4
NW SW SE Sec. 4 39 S 18 E SLCM
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Cedar Mesa-Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6700 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.)

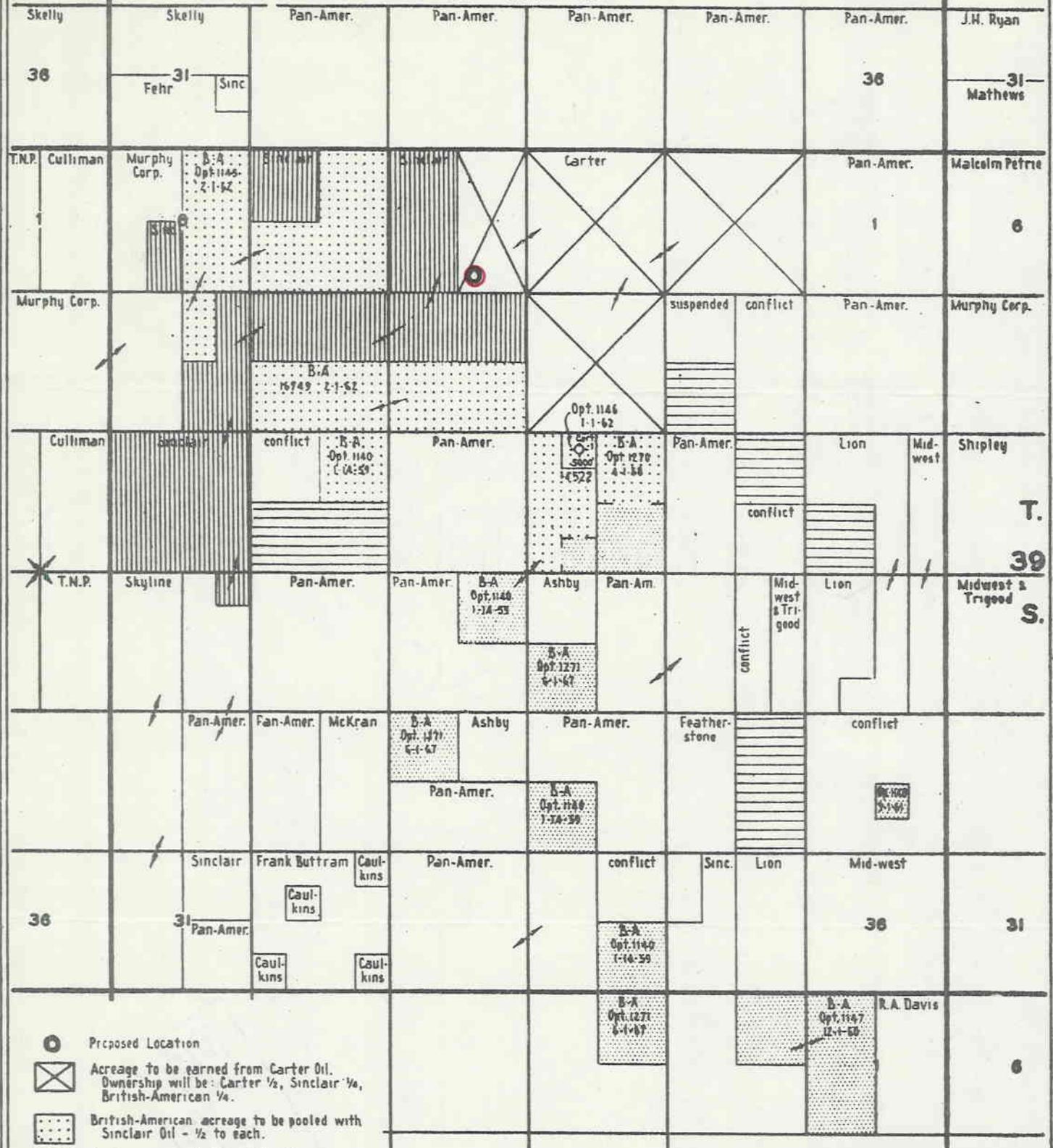
Drilled 9" hole to 86'KB and reamed to 20" hole to 79'KB. Ran 16", 32.4# casing landed at 78'KB. Pumped wooden plug to 79'KB and cemented casing with 100 sax regular cement. Cement was displaced to 68'KB with good returns to surface. Waited 24 hours. Tested casing with 300 PSI for thirty minutes. Held OK. Drilled from 68'KB to 1150'KB. Tested and found no water entry. Reamed hole to 13-3/4" to 358'KB. Ran 10-3/4", 25.6# Armco casing landed at 356'KB. Pumped wooden plug to 358'KB and cemented casing with 250 sax regular cement. Cement was displaced to 330'KB with good returns to surface. Waited 72 hours, tested casing with 600 PSI for 30 minutes. Held OK. Now drilling ahead.

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 Thomas M. Hogan
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.

R. 18 E.



Scale: 1" = 1 Mile

CEDAR MESA AREA	
SAN JUAN CO., UTAH	
NW Div. Exploration -	No. _____
Geology _____	
Datum _____	
Interval _____	
By _____	
Date 6-21-57	

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

State Capitol Building
Salt Lake City 14, Utah

*Notes
Case
10-7-57*

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County San Juan Field or Lease Govt. Danvers #1

The following is a correct report of operations and production (including drilling and producing wells) for August, 1957.

Agent's address Box 180 Company British-American Oil Prod Co

Denver 1, Colorado

Signed *[Signature]*

Phone AC 2 9401

Agent's title District Superintendent

State Lease No. U-02986 Federal Lease No. _____ Indian Lease No. _____ Foo&Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF'S	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; & Gas-Oil Ratio Test)
SW, SE, 4	39S	18E	1	Drlg				Drilling at 1981'KB on 8-31-57. Well Spudded on 8-16-57.

NOTE: Report on this form as provided for in Rule C-22. (See back of form)

*STATUS: F-Flowing P-Pumping GL-Gas
SI-Shut In D-Dead Lift
GI-Gas Injection TA-Temp.
WI-Water Injection Abandoned

FILE IN DUPLICATE

W/

THE BRITISH AMERICAN OIL PRODUCING COMPANY

Core Report

LEASE Federal-Danvers WELL NO. 1 FIELD Exploratory
 Core No. 2 From 2235 To 2284 Total Recovery in Feet 49' COUNTY San Juan, Utah
 Cutterhead: Size 7 3/4 x 3 1/2 Kind D&S Diamond Date Core Taken September 5-6, 1957

DEPTH		Coring Time Min. Per. Ft.	Amt. Rec.	Dip	Complete Formation Description	Fluid Content
From	To					
2235	2242 1/2	22, 21, 29, 23, 22, 19, 20, 11	7 1/2'		Ls, gr tan, f xln, v dns, hd, ti, sly foss, mic, few h.l. vert frac, sly bleed oil 40-41, few lmy sh ptgs & stys.	
2242 1/2	2244	11, 15	1 1/2'		Ls do, few vert frac, w/oil stn & flor, poor pp por @ 43-44, bleeding oil sly.	
2244	2254 1/2	14, 16, 12, 10, 10, 13, 12, 12, 14, 12, 7	10 1/2'		Ls, gr tan-brn, f xln, num lmy sh ptgs & stys, selinite xls & few cal xls in frac, m-v hvly vert frac thruout. 44-47 scatt fair pp por, bleed oil. 47-50 scatt gd pp por, bleed oil. 50-54 v hvly vert frac, live oil in frac & along stys, ocass vug por along sty planes & adjoining fracs.	
2254 1/2	2256	8, 17	1 1/2'		Ls, do, dns, few scatt pp por, sly sty, few h.l. frac w/oil stn & flor, v sly bleed.	
2256	2269	20, 20, 16, 20, 22, 22, 22, 23, 22, 24, 22, 23, 17	13'		Ls, gr tan-brn, f xln, dns, ti, ocass h.l. vert frac to 38, sly sty w/ocass flor along sty plane - may be from drlg fluid, slicken sides in sty planes locally, becoming vf xln, v dns, v sly mic, no por; ocass stg w/selinite xls, ocass sh ptg, gr-blk, lmy, mic, v dns.	
2269	2275 1/2	26, 20, 21, 20, 24, 32, 19	6 1/2'		Lmy sh, gr-blk, v dns, sl-m mic, grades to vf xln, shly ls, 2" sh, brn-blk on bott.	
2275 1/2	2281	19, 41, 40, 31, 33, 34	5 1/2'		Ls, gr-tan, dns, f xln, vf gran, v foss, brac & cri, becoming gr-lt gr at 77-81, ti, N.S., ocass h.l. vert frac, ocass stg w/sel xlms.	
2281	2284	36, 39, 34	3'		Ls, gr-lt gr, f xln, dns, sl foss, less toward bott, ocass h.l. frac w/few vugs along frac plane.	

Remarks _____

H. A. Holton
Signed

GEOLOGICAL COMPLETION REPORT FOR
BRITISH-AMERICAN FEDERAL DANVERS # 1

Well Classification:

Exploratory Well, Cedar Mesa Prospect
San Juan County, Utah
British-American Federal Danvers # 1
720 FSL, 2140 FEL Sec. 4-39S-18E

Well Data:

Commenced drilling:	8-20-57
Completed drilling:	9-13-57
Contractor:	Exploration Drilling Company
Casing Record:	Set 16" at 78 KB w/ 100 sx. reg. cmt. Set 9" at 356 KB w/ 250 sx. reg. cmt. Set 5-1/2" at 3149 KB w/ 360 sx. reg. cmt.
Elevation:	6509 GL, 6521 KB
Total Depth and Datum:	Driller 3150 (+3371) E.S. 3151 (+3370)
PBTD, Datum and Formation:	3185 (+3436) Lower Hermosa

Completion Data:

Perforations and Treatment:

*Perf. 2930-64 w/ 4 jets per ft.

Acidized w/ 3000 gal. 15% HCL, 40 balls after each 1000 gal. acid. Broke fm at 1500 PSI, treated at 1000 PSI. Recovered 2 gallons oil, well went on vacuum and were never able to recover any fluid. Set bridge plug above top perforations.

*Perf. 2332-64, 2369-94 w/ 4 jets per ft.

Acidized w/ 3000 gal. 15% HCL, injected 40 balls after each 1000 gal. acid. Broke fm at 500 PSI, treated at 1800 PSI injection rate 9 BPM. Well flowed acid water and load oil. Swabbed 7 hours and recovered acid water and oil. Last 2 hrs. recovered 10 gallons acid water and show of oil. Reacidized w/ 10,000 gal. 15% HCL injected 40 balls after each 2000 gal. Broke fm at 1500 PSI, treated at 1500 PSI injection rate 612 BPM. Opened well after shutting in for 30 min. and well flowed 120 barrels acid wtr. and 12 BLO in 2 hrs. Swabbed 22 hrs. and recovered 90 BAW and tr. oil. Last 4 hrs. rec. 10 gals. acid wtr. and scum of oil with small amt. of gas. Total rec. from flowing and swbg. 210 BAW, 12 BLO and small amt. of gas. Set bridge plug at 2310'.

*Perf. 2216-32, 2244-54, 2265-76 w/ 4 jets per ft.

Acidized w/ 3000 gal. 15% HCL, injected 40 ball after each 1000 gal. Broke fm at 500 PSI, treated, at 1500 PSI, inj. rate 614 BPM. Well flowed 11 BLO and 40 BAW, swbd 20 hrs. and rec. 20 BAW first 4 hrs. with tr. oil. Last 12 hrs. rec. 20 gal. oil per hr.

Reacidized w/ 10,000 gal. 15% HCL, inj. 30 balls after each 2000 gal. acid. Broke down at 500 PSI, inj. rate 15.2 BPM.
 Opened well after shutting in for 30 min. and well flowed 60 BLO & 43 BAW. Swbd 4 Hrs and rec. 70 BAW. Next 7 hrs. rec. 10 barrels fluid (90% acid wtr., 10% BS & oil). Last 6 hrs recovered 3 bbls. fluid (90% wtr, 10% oil) w/ a sm. show of gas.
 Swbd 24 hrs. and rec. 10 gal. acid wtr. and 2 gal. oil every 2 hrs. Set bridge plug at 2200.
 *Perf. 2120-31, 2134-42, 2151-58, 2161-65, 2172-76 w/ 4 jets per ft.

Acidized w/ 3000 gal. 15% HCL. Treated at 500 PSI inj. rate 10.2 BPM. Flowed 15 BLO. Swbd. 42 BLO & 35 BAW. Swbd 3 1/2 hrs with no rec. 10 gal. acid wtr. with tr. oil per hour.
 *P & A - Set packer at 1980. Pumped 55 sx. reg. cmt. thru perfs. Staged 25 sx. reg. cmt. thru perfs. Spotted 10 sx. reg. cmt. top surf. csg.

Geological Data:

Samples:
 E.S. Induction:
 Microlaterolog:
 Laterolog:
 Gamma Ray:
 Neutron:
 Geolograph:

10' from 100-3150 KB Stored at: American Strati-
 2" 356-3150 KB graphic Co., Denver, Colo.
 5" 1100-3150 KB
 5" from 1100-3150 KB
 5" from 1100-3150 KB
 Run # 1 Surf - 1932, Run # 2 1900-3103
 Run # 1 Surf - 1944, Run # 2 1900-3115
 78-3150 KB

Formation Record:

<u>Name</u>	<u>Sample Top</u>	<u>Schl. Top</u>	<u>Schl. Datum</u>	<u>Fluid Content</u>
Upper Hermosa		1210	+5311	
Upper Boundry Butte		2030	+4491	
Lower Boundry Butte		2214	+4307	
Paradox Salt Equiv.		2420	+ 4101	
Lower Hermosa		2860	+3661	
Molas Sh.		3109	+3412	

Core Record:

<u>Core No.</u>	<u>Interval</u>	<u>Formation</u>	<u>Ft. Recovered</u>
# 1	2185-2135	Upper Boundry Butte	50'
# 2	2235-2284	Lower Boundry Butte	49'
# 3	2336-2379	Lower Boundry Butte	43'

Drill Stem Test Record:

DST # 1 2217-2385 (Lower Boundry Butte)
 Open 2 hrs., SI 1 hr.
 Weak blow at start of test. GTS in 5 min., T8TM. Weak Blow for 60 min., died in 75 min.
 Rec. 150' Mud, n/s.
 ISIP 125 #, IFP 50#, FFP 80#, SIBHP 480, HP 1025.

State
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R356.4
 Approval expires 12-31-55.

FIELD OFFICE Salt Lake City
 LEASE NUMBER U-02986
 UNIT Gov. Danvers

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Hazy Cedar Mesa-Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 19 57

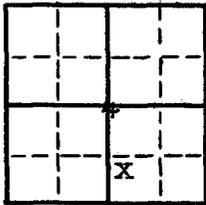
Agent's address Box 180 Company Producing Original Signed by: Thomas M. Hogan
Denver 1, Colorado Signed

Phone AC 2 9401 Agent's title District Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>GOVT. DANVERS WELL</u>										
SW SE 4	39S	13E	1							Drilling at 1981' KB. Spudded 8-16-57

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold; _____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

*Notes
Cox
9-23-57*

Fee and Patented.....
State.....
Lease No. U-02986.....
Public Domain.....
Lease No.
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.....	Report of running production.....	
	string casing.....	XX

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

September 16, 19 57

Well No. 1 is located 720 ft. from ~~NY~~ S line and 2140 ft. from ~~XX~~ E line of Sec. 4

NW SW SE, Sec. 4 39 S 18 E SLCM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Cedar Mesa- W.C. San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6700 feet. KB

A drilling and plugging bond has been filed with USGS - Salt Lake City.

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 9" hole to total depth of 3150'KB. Ran 5 1/2", 14#, J-55 casing landed at 3149'KB. Cemented casing with 200# Magaphos followed by 10 barrels water, 360 sax regular 2% Gel Cement. Casing equipped with Baker Centralizers and Scratchers. Cement displaced to 3114'KB under 1500 PSI. Ran temperature survey and found top of cement behind casing at 1685'KB. Schlumberger Tops; Upper Hermosa-1210, Lower Boundary Butte-2220, Lower Hermosa-2875 and Molas Shale-3108. Now WOC.

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

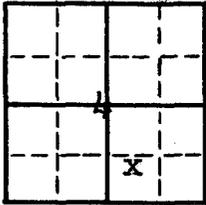
Company The British-American Oil Producing Company
Address Box 180 By Thomas W. Stoper
Denver 1, Colorado Title District Superintendent

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

(SUBMIT IN DUPLICATE)

LAND: NAS



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

Fee and Patented.....
State.....
Lease No. U-02986.....
Public Domain.....
Lease No.
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.....	XX		

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

September 30, 1957

Well No. 1 is located 720 ft. from ~~XX~~S line and 2140 ft. from ~~XX~~E line of Sec. 4

NW SW SE Sec 4 39 S 18 E SLCM
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Cedar Mesa-Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6700 feet.KB

A drilling and plugging bond has been filed with USGS

*Noted
East
10-7-57*

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.)

Well drilled to total depth of 3150'KB. Cored as follows; Core #1 from 2085 to 2135, Core #2 from 2235 to 2285 and Core #3 from 2336 to 2379. Drill Stem Test of interval 2217-2385 recovered 150' drilling mud. Acid treatments through perforations as follows; Perfs 2930-64 w/3,000 gals, Perfs 2369-94 & 2332-64 w/13,000 gals, Perfs 2265-74, 2244-54 & 2216-32 w/13,000 gals and Perfs 2172-76, 2161-65, 2151-58, 2134-42 & 2120-31 w/3,000 gals. Had only partial recoveries of oil and acid used in all treatments by swabbing of well. Stage cement squeezed all perforations with 55 sax cement. Top of cement in hole at 2110'KB. It is proposed to plug and abandon as dry hole.

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 Shaw W. Hoya
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.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R356.4
Approval expires 12-31-55.

Salt Lake City

LAND OFFICE **U-02986**

LEASE NUMBER **Govt. Danvers**

UNIT

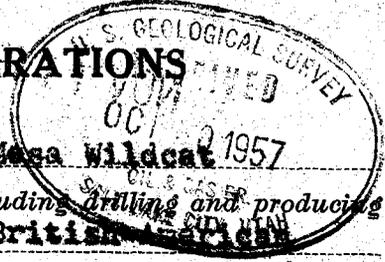
LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Cedar Mesa Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 19 57

Agent's address Box 180 Company Oil Producing
Denver 1, Colorado Signed Thomas M. Hogan

Phone AC 2 9401 Agent's title District Superintendent



SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW SE 4	39S	18E	1							Total Depth 6521' Plugged and Abd. on 9-29-57.
FINAL REPORT										

Handwritten initials and date:
H
11-18

NOTE.—There were NO runs or sales of oil; NO M cu. ft. of gas sold;

NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Handwritten mark: W



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

Fee and Patented.....
State
Lease No. **U-02986**.....
Public Domain
Lease No.
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.....	<input checked="" type="checkbox"/>		

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

September 30, 1957

Well No. **1** is located **720** ft. from **XX** line and **2140** ft. from **(E) XX** line of Sec. **4**

NW SW SE Sec 4 **39 S** **18 E** **SLOM**
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Cedar Mesa-Wildcat **San Juan** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **6700** feet **KB**

A drilling and plugging bond has been filed with **USGS**

DETAILS OF WORK

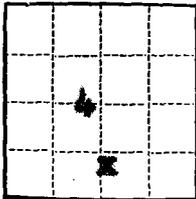
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Well drilled to total depth of 3150'KB. Cored as follows; Core #1 from 2085 to 2135, Core #2 from 2235 to 2285 and Core #3 from 2336 to 2379. Drill Stem Test of interval 2217-2385 recovered 150' drilling mud. Acid treatments through perforations as follows; Perfs 2930-64 w/3,000 gals, Perfs 2369-94 & 2332-64 w/13,000 gals, Perfs 2265-74, 2244-54 & 2216-32 w/13,000 gals and Perfs 2172-76, 2161-65, 2151-58, 2134-42 & 2120-31 w/1,000 gals. Had only partial recoveries of oil and acid used in all treatments by swabbing of well. Stage cement squeezed all perforations with 55 sac cement. Top of cement in hole at 2110'KB. It is proposed to plug and abandon as dry hole.

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.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-02986
Unit _____

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 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.....	XX
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)

October 7, 1957

Well No. 1 is located 720 ft. from NY line and 2140 ft. from E line of sec. 4
(S)
NW SW SE Sec 4 39 S 13 E S10M
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Cedar Mesa W.C. San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6700 ft. KB

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)

Ran Baker Packer on 2" Tubing, set Packer at 1980'KB, mixed and pumped 55 sax cement to formation through perforations, waited 5 hours and found top of cement at 2170'KB with wire line, mixed 25 sax cement and stage squeezed to formation using 20 sax of the 25 sax and obtained 1500# squeeze pressure, pulled Tubing and Packer, filled hole with heavy rotary mud from 1980 to 20', placed 10 sax cement plug in top of surface casing, erected marker, filled cellar with soil, levelled and abandoned location.

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 Box 180

Denver 1, Colorado

By _____

Title District Engineer

**British American Oil Producing Co.
FEDERAL DANVERS NO. 1
San Juan County, Utah**

**Drilling Contractor: Exploration Drilling Co.
607 National Bank of Tulsa
Tulsa, Oklahoma**

**Started Rigging Up: 8-12-57
Started Drilling: 8-16-57
Completed Drilling: 9-12-57**

FORMATIONS

Surface	0	80
Lime & Sand	80	350
Red Bed & Sand	350	442
Sand	442	556
Lime & Sand	556	808
Lime, Sand, & Shale	808	913
Lime & Shale	913	1123
Red Bed	1123	1150
Lime & Shale	1150	1245
Lime	1245	1311
Lime & Shale	1311	1333
Lime	1333	1386
Bentonite & Brown Shale	1386	1434
Lime	1434	1447
Lime & Shale	1447	1588
Brown Shale	1588	1645
Shale W/Lime Strks.	1645	1714
Lime & Shale	1714	1913
Lime	1913	1983
Lime & Shale	1983	2111
Lime	2111	2385
Lime & Shale	2385	3138
Lime	3138	3150

This is to verify that the above and foregoing is a true, correct, and complete copy of the driller's log covering the FEDERAL DANVERS NO. 1 according to the records of this office, and the best of my knowledge and belief.

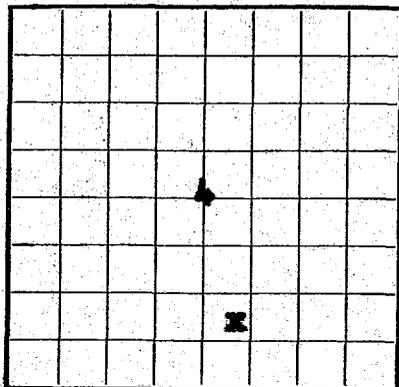
EXPLORATION DRILLING COMPANY

By *Joseph Walker*
R. E. Lewis
Notary Public

Subscribed and sworn to before me this 20th day of September, 1957.
My commission expires April 25, 1958.

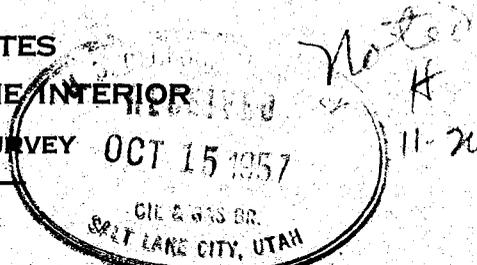
Salt Lake City

U. S. LAND OFFICE **U-02986**
 SERIAL NUMBER _____
 LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company The British-American Oil Co Address Box 180, Denver 1, Colorado
 Lessor or Tract Federal Danvers Field Cedar Mesa W.C. State Utah
 Well No. 1 Sec. 4 T. 39S R. 18E Meridian SLCN County San Juan
 Location 720 ft. N of S Line and 2140 ft. EX of E Line of SE/4 Elevation 6700KB
(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: Thomas M. Hogan
 Signed _____

Date October 14, 1957 Title District Superintendent

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

Commenced drilling 8-16-, 1957. Finished drilling 9-12-57, 1957.

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-	
16	32.4	8Rd	Natl	80			2930	2964	
10-3/4	32.75	8Rd	Armen	340	Baker		2192	2364	
5 1/2	14.0	8Rd	J-gg	3156	Baker		2169	2394	
							2265	2275	
							2244	2254	
							2216	2232	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
16	78KB	100	HOWCO		
10-3/4	356KB	250	HOWCO		
5 1/2	3149KB	360	HOWCO		

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

FOLD W

MUDDING AND CEMENTING RECORD

MARK 16
10-3/4
5 1/2
W
FOLD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
	78KB	100	HOWCO		
	356KB	250	HOWCO		
	3149KB	360	HOWCO		

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 3150 feet, and from _____ feet to _____ feet
 Cable tools were used from 3080 feet to 3085 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **DRT** *P.A. 7-29-57*, 19____

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

_____, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<p>FORMATION RECORD ATTACHED CORE REPORTS ATTACHED GEOLOGICAL COMPLETION REPORT ATTACHED</p>			

[OVER]

16-43004-4

NOV 15 1957

W

British American Oil Producing Co.
FEDERAL DANVERS NO. 1
San Juan County, Utah

Drilling Contractor: Exploration Drilling Co.
607 National Bank of Tulsa
Tulsa, Oklahoma

Started Rigging Up: 6-12-57
Started Drilling: 8-18-57
Completed Drilling: 9-12-57

FORMATIONS

Surface	0	80
Lime & Sand	80	350
Red Bed & Sand	350	442
Sand	442	556
Lime & Sand	556	808
Lime, Sand, & Shale	808	913
Lime & Shale	913	1123
Red Bed	1123	1150
Lime & Shale	1150	1245
Lime	1245	1311
Lime & Shale	1311	1333
Lime	1333	1386
Bentonite & Brown Shale	1386	1434
Lime	1434	1447
Lime & Shale	1447	1588
Brown Shale	1588	1645
Shale w/Lime Strks.	1645	1714
Lime & Shale	1714	1913
Lime	1913	1983
Lime & Shale	1983	2111
Lime	2111	2385
Lime & Shale	2385	3138
Lime	3138	3150

This is to verify that the above and foregoing is a true, correct, and complete copy of the driller's log covering the FEDERAL DANVERS NO. 1 according to the records of this office, and the best of my knowledge and belief.

EXPLORATION DRILLING COMPANY

By *Joseph Walker*
J. E. Kivig
Notary Public

Subscribed and sworn to before me this 20th day of September, 1957.
My commission expires April 25, 1958.