

Subsequent Report of Abandonment Burnt Fork Unit

FILE NOTATIONS

Entered in NID File
Entered On S R Sheet _____
Location Map Pinned
Card Indexed
IWR for State or Fee Land _____

Checked by Chief MB
Copy NID to Field Office _____
Approval Letter In Unit
Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 6-15-67
OW _____ WW _____ TA _____
GW _____ OS _____ PA

Location Inspected _____
Bond released _____
State of Fee Land _____

LOGS FILED

Driller's Log 6-2767

Electric Logs (No.) 4

E DUAL E-I GR _____ GR-N Micro _____

Lat _____ Mi-L _____ Sonic _____ Others _____

Borchers Geophysical - Sonics - Gamma Ray Log

Mobil Oil Corporation

P.O. BOX 1652
CASPER, WYOMING 82601

November 28, 1966

State of Utah
Oil & Gas Conservation Commission
Salt Lake City, Utah

Gentlemen:

Attached is Form OGCC-1, Notice of Intention to Drill Gregory Well F44-21P (Wildcat) SE SE Section 21-3N-16E Summit County, Utah.

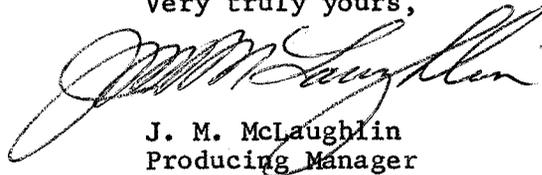
Subject well will be in a revised Burnt Fork Unit presently being formulated and will be submitted in the very near future.

Application for blanket bond in the amount of Twenty-five Thousand Dollars (\$25,000) is being prepared and will be submitted within the next few days.

In compliance with instructions, we are enclosing a certified surveyor's plat for the well location and also a map of the pending Burnt Fork Unit to show location of all leases, property lines and wells within the area.

If additional information is required, please advise.

Very truly yours,

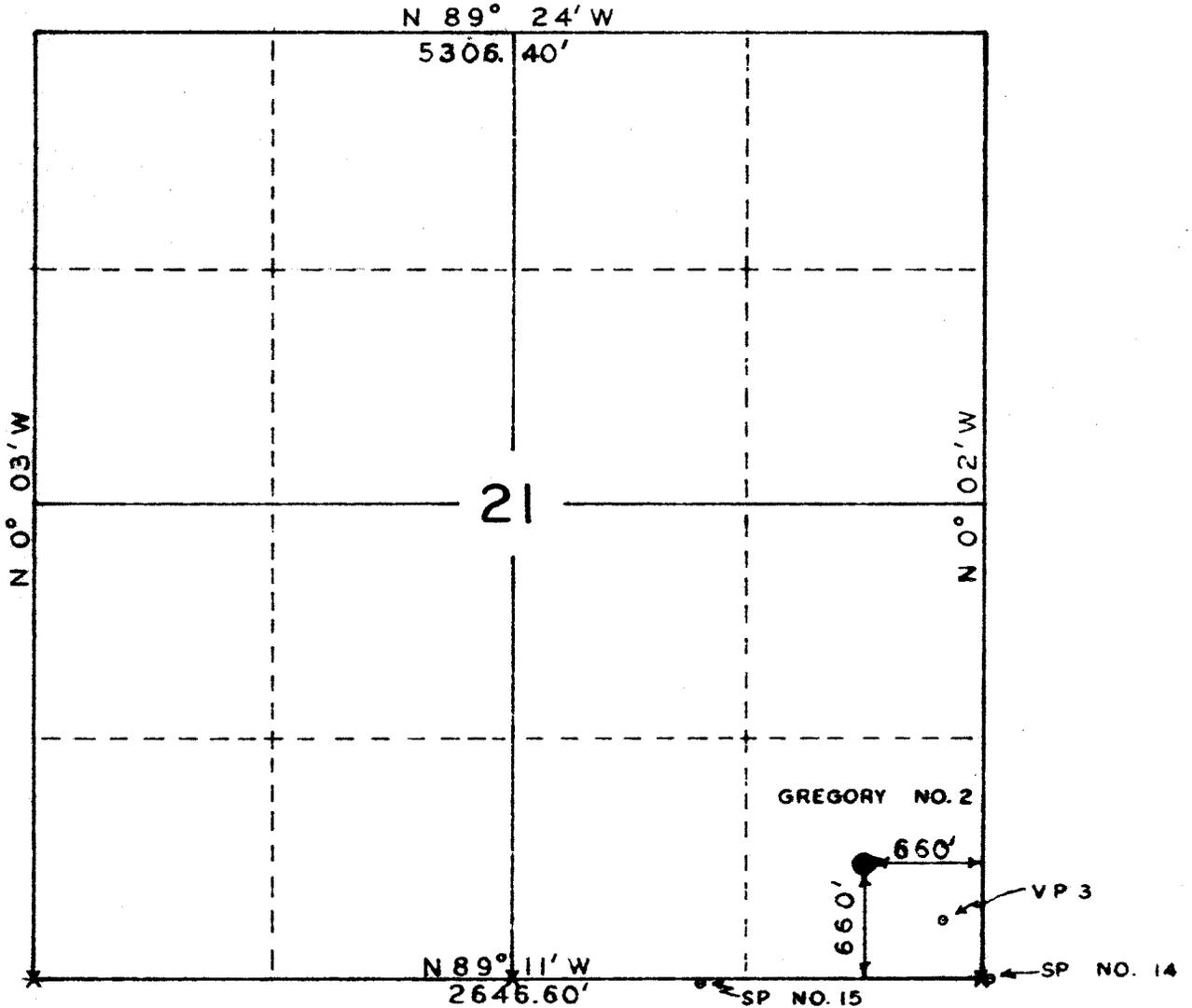


J. M. McLaughlin
Producing Manager

JAW:cam
Att.

cc: U. S. Geological Survey
Mr. Rodney A. Smith
Salt Lake City, Utah

T 3 N, R 16 E, SLB&M



X - Corners Located (Stone)

Scale: 1" = 1000'

BY: ROSS CONSTRUCTION COMPANY
VERNAL, UTAH

R. D. Ross

PARTY K. D. Ross
L. E. Heeney

WEATHER Clear--Cool

SURVEY
MOBIL OIL COMPANY
GREGORY NO. 2

LOCATED IN CENTER SE $\frac{1}{4}$, SE $\frac{1}{4}$, SECTION 21
T3N, R16E, SLB&M, SUMMIT COUNTY, UTAH

DATE 11/18/66

REFERENCES USGLO
Township Plat

Approved 7/17/1893

FILE MOBIL

II
DRILLING PROCEDURE

Revised 7-18-66

A. GENERAL INFORMATION

1. Well Name	GREGORY F44-21-P
2. Location	SE SE SEC. 21-3N-16E
3. County & State	SUMMIT COUNTY, UTAH
4. Projected Total Depth	15,650 feet
5. Elevation	8,150 feet (estimated)
6. Classification	Exploration Wildcat
7. Objective	Cretaceous Dakota Sandstone

B. ESTIMATED FORMATION TOPS

<u>Formation</u>	<u>Lithology</u>	<u>Tops</u>	<u>Approximate Dip</u>
Quaternary	Gravels and boulders	Surface	Essentially Flat
Tertiary Green River	Shale and claystone	500'	
Tertiary Green River	Limestones grading to sandstone congl. and claystone toward base	1,300'	
Tertiary Wasatch	Claystone and sandstone	4,200'	2-3°
Tertiary Fort Union	Sandstone, shale, and coal	7,520'*	
Cretaceous Mesaverde	Sandstone and shale	10,180'*	
Cretaceous Rock Springs	Siltstone	11,855'*	2-3°
Cretaceous Hilliard (Mancos)	Shale	12,600'*	
Cretaceous Frontier	Sandstone and shale	14,850'*	
Cretaceous Mowry	Shale	14,950	2-3°
Cretaceous Dakota	Sandstone	15,250	
Jurassic Morrison	Claystone	15,600'*	
	Total Depth	15,650	2-3°

C. CASING, HOLE SIZE & CEMENTING PROGRAM

<u>String</u>	<u>Size</u>	<u>Depth</u>	<u>Min. Hole Size</u>	<u>Cement</u>	<u>W.O.C.</u>
Conductor	24"	40'	30"	Ready-Mix	-
** Surface	16"	600'	20"	To Surface	12 before N.V.
** Intermediate	10-3/4"	7600'	13-3/4"	1160 sacks	24
Others	-	-	-	-	-
** Production	7"	15,650'	9"	250 sacks	24
Tubing	To be determined by Mobil				

* Tops corrected as of 11-22-66.

** Casing crews and power tongs will be used on all strings

D. CASING DESIGN DATA

DEPTH		Size	Wt. #/ft.	Grade Steel	Type Joint	SECTION		DESIGN FACTORS		
From	To					Length	Wt.	Coll.	Tenn.	Burst
Surf.	600	16"	65.0	H-40	ST&C	600	39,000	2.24	Hi	Hi
Surf.	1165	10-3/4"	40.5	J-55	Btr.	1165	47,224	2.21	1.81	1.36
1165	2825	10-3/4"	40.5	J-55	ST&C	1659	67,190	1.00	1.50	1.71
2825	4104	10-3/4"	45.5	J-55	ST&C	1279	58,194	1.00	2.23	3.08
4104	5465	10-3/4"	51.0	J-55	ST&C	1361	69,410	1.00	3.35	6.12
5465	6138	10-3/4"	45.5	S-80	ST&C	673	30,622	1.00	6.23	Hi
6138	7600	10-3/4"	51.0	S-80	ST&C	1462	74,562	1.18	10.46	Hi
						7600	347,202			
Surf.	1523	7"	26.0	N-80	Btr.	1523	39,598	4.04	1.56	1.04
1523	3825	7"	23.0	N-80	Btr.	2302	52,946	1.29	1.53	1.00
3825	5283	7"	23.0	N-80	LT&C	1458	33,534	1.00	1.50	1.17
5283	9228	7"	23.0	S-95	ST&C	3945	90,736	1.00	1.79	1.51
9228	14,027	7"	26.0	S-95	ST&C	4799	124,774	1.00	3.26	2.56
14,027	15,650	7"	29.0	S-95	ST&C	1623	47,057	1.08	14.12	6.97
						15,650	388,655			

E. WELL HEAD SPECIFICATIONS

0-600 ft. None
 600'-7600' 16" - 900 Series (see attached Sketch I)
 7600'-15,600' 10" - 1500 Series (see attached Sketch II)
 Choke manifold as indicated (see attached Sketch III)

F. MUD PROGRAM - MILCHEM

From	To	Type	Properties
0'	600'	Super-Col, Milflo, Mil Con, & synergic to insure against boulder and gravel problems	Wt. 9.0-9.2 lb/gal Vis 50-62 sec/qt WL 4.0 ml ✓ pH 8.0-8.5
600'	7,600'	Continue as above plus the addition of oil. 2:1 ratio of p.v. to y.p. Desander in use for solids removal.	Wt 9.0-9.2 lb/gal Vis 40-50 sec/qt WL 6-10 ml Oil 5-6% pH 8.0-8.5
7,600'	12,000'	Uni-Cal system (6 lbs/bbl) plus Mil Con, Super Col, and oil. Fine mica (2 lbs/bbl) to reduce differential sticking. 2:1 ratio pv to yp. Desander in use for solids removal.	Wt 9.0-9.5 lb/gal Vis 40-50 sec/qt WL 5-7 ml Oil 5-7% pH 8.0-8.5

F. MUD PROGRAM - MILCHEM (Continued)

<u>From</u>	<u>To</u>	<u>Type</u>	<u>Properties</u>
12,000'	15,650'	Continue as above with an increase of mud wt. to 10.0 lbs/gal by the top of the Frontier FM (14,850') Maximum anticipated BHP is 7300 psi at 225° F static temperature	Wt. 9.5-10.5 lb/gal Vis. 50-60 sec/qt WL 2-6 Ml. Oil 5-7% pH 8.0-8.5 HP-HT: Wl below 10 ml

*In the event a degasser is required, Mobil will furnish.

G. DRILLING OUTLINE:

1. Set 24" conductor pipe at approximately 30' in a 30" hole and cement to surface with Ready-Mix. Use a dry hole digger if possible.
2. Drill a 13-3/4" hole to approximately 600', ream to 17-1/2" and re-ream to 20". Mud properties indicated in Sec. II, Par. F, pg. 2.
3. Set 16" surface casing at 600' with guide shoe on bottom and "flapper" type float collar on top of bottom joint. Cement to surface as follows: 235 sacks Class "A" Ideal cement with 4% gel, 2% CaCl₂, and 12.5 lbs/sack gilsonite; tail in with 395 sacks Class "A" Ideal cement with 2% CaCl₂ and 1/4 lb./sack cellophane flake. Use a top wiper plug only. WOC 12 hrs. before cutting off to nipple up 16" - 900 Series BOP as indicated in Sketch I.
4. Install BOP and pressure test casing to 500 psi for 15 minutes.
5. Drill out with a 13-3/4" hole to approximately 7600' or 100' into the Fort Union as determined by samples. Well-site geologist and mud logging unit will be on location from 600'. Mud properties as indicated Sec. II, Par. F, Pg. 2.
6. Run logs as specified in Sec. II, Par. H, pg. 3.
7. Set 10-3/4" intermediate casing (as outlined in Sec. II, Par. D, pg. 2) at 7600' with "flapper" type float shoe on bottom and "flapper" type float collar on top of thesecond jt. Cement as follows: 500 gal. chemical wash followed by 25 sacks Class "A" Ideal cement w/10% NaCl, .75% friction reducer and retarder. Followed by 905 sacks 50:50 Pozmix w/2% gel, 10% NaCl, .75% friction reducer, retarder and 12.5 lbs/sack gilsonite. Tail in with 230 sacks. Class "A" Ideal cement w/10% NaCl., .75% friction reducer, retarder, and 1/4 lb./sack cellophane flake. Use top plug only and displace with mud at 9 BPM for turbulence. Set casing slips and WOC 24 hours while nipling up BOP's and Hydril indicated in Sketch II.
8. Run cement bond log to determine the quality of the cement job. Anticipated height of cement column is 2000 ft.
9. With test plug installed in casing head, pressure test Hydril and BOP's to 4000 psi.
10. Drill out with a 9" hole to approximately 15,200' or the top of the Dakota sandstone as determined by sample analysis. Drill pipe equipped with casing protector rubbers will be maintained in the 10-3/4" intermediate casing at all times. The type mud system and approximate properties for this open hole interval are indicated in Sec. II, Par. F page 2. The mud weight will be increased to 10.0 lb./gal. at the top of the Frontier formation (+14,850').
11. During the course of drilling the interval described in Step 10 it will be necessary to run a casing caliper log to evaluate the condition of the 10-3/4" casing after an extended period of drilling. After reaching a depth of 9,000' high strength drill pipe (higher than Grade E) will be required in the upper part of the drilling string.
12. The subject well will be cored from the top of the Dakota sandstone (+15,200') to the top of the Morrison formation or total depth (+15,600'), approximately 400'. A minimum of 100' of "rat hole" will be required below the lowermost anticipated "pay zone", if any.
13. At total depth (+15,650'), run logs as set out in Sec. II, Par H, page 3.
14. If the Dakota sand warrants completion, set 7" casing as specified in Sec. II, Par D, page 2 at total depth with a float shoe on bottom and a float collar on top of the second joint. Cement as follows: 500 gal. chemical wash followed by 150 sacks 75:25 Pozmix with friction reducer and retarder as required (scavenger slurry for lignosulfonate contamination), 250 sacks Class "G" cement with 35% silica flour, friction reducer, high temperature retarder and low water loss additives as required. Use top and bottom wiper plugs.
15. WOC 24 hours, set casing slips with approximately 70% of the weight of the casing string in tension. Release rig.

Note: The 7" production casing will be Tuboscope inspected after delivery at the location. This inspection will include the Amalog and end area inspection.

II
DRILLING PROCEDURE

Revised 7-12-66

A. GENERAL INFORMATION

- | | |
|--------------------------|-----------------------------|
| 1. Well Name | GREGORY F44-21-P |
| 2. Location | SE SE SEC. 21-3N-16E |
| 3. County & State | SUMMIT COUNTY, UTAH |
| 4. Projected Total Depth | 15,650 feet |
| 5. Elevation | 8,150 feet (estimated) |
| 6. Classification | Exploration Wildcat |
| 7. Objective | Cretaceous Dakota Sandstone |

B. ESTIMATED FORMATION TOPS

<u>Formation</u>	<u>Lithology</u>	<u>Tops</u>	<u>Approximate Dip</u>
Quaternary	Gravels and boulders	Surface	Essentially Flat
Tertiary Green River	Shale and claystone	500'	
Tertiary Green River	Limestones grading to sandstone congl. and claystone toward base	1,300'	
Tertiary Wasatch	Claystone and sandstone	4,200'	2-3°
Tertiary Fort Union	Sandstone, shale, and coal	7,520'*	
Cretaceous Mesaverde	Sandstone and shale	10,180'*	
Cretaceous Rock Springs	Siltstone	11,865'*	2-3°
Cretaceous Hilliard (Mancos)	Shale	12,600'*	
Cretaceous Frontier	Sandstone and shale	14,860'*	
Cretaceous Mowry	Shale	14,950'	2-3°
Cretaceous Dakota	Sandstone	15,250'	
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	Total Depth	15,650'	2-3°

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String	Size	Depth	Min. Hole Size	Cement	W.O.C.
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F. MUD PROGRAM - MILCHEM (Continued)

<u>From</u>	<u>To</u>	<u>Type</u>	<u>Properties</u>
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15. WOC 24 hours, set casing slips with approximately 70% of the weight of the casing string in tension. Release rig.

Note: The 7" production casing will be Tuboscope inspected after delivery at the location. This inspection will include the Amalog and end area inspection.

**UTAH OIL AND GAS
CONSERVATION COMMISSION**
348 East South Temple
Suite 301
Salt Lake City, Utah 84111

December 2, 1966

Mobil Oil Corporation
P. O. Box 1652
Casper, Wyoming

Re: Well No. Gregory F44-21,
Sec. 21, T. 3 N., R. 16 E.,
Summit County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted. However, this approval is conditional upon a surveyor's plat being furnished this office in accordance with Rule C-4(a), General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHILL, Chief Petroleum Engineer
HOME: 277-2890 - Salt Lake City, Utah
OFFICE: 328-5771 - 328-5772 - 328-5773

This approval terminates within 90 days if the well has not been spudded-in within said period. Enclosed please find Form OGCC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your cooperation with respect to completing this form will be greatly appreciated.

The API number assigned to this well is 43-043-20165 (see Bulletin D12 published by the American Petroleum Institute).

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

WILLIAM G. CAMERON
DIRECTOR

cc; cam

Enclosure

Mobil Oil Corporation

P.O. BOX 1652
CASPER, WYOMING 82601

December 2, 1966

The State of Utah
Oil and Gas Conservation Commission
348 E. South Temple
Suite 301
Salt Lake City, Utah

BLANKET BOND NO. 8017-23-81

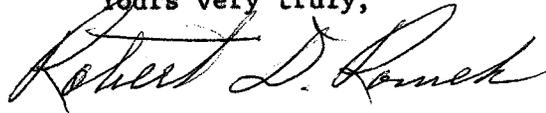
Gentlemen:

The original and two copies of the above-numbered blanket bond to cover Mobil's operations in the State of Utah are enclosed.

This bond has been executed on behalf of Mobil Oil Corporation as Principal and Federal Insurance Company as Surety, and will replace Bond No. 8017-23-41 dated May 18, 1966, by and between the same parties.

We shall appreciate your advising Federal Insurance Company of the termination of Bond No. 8017-23-41, furnishing a copy of your letter to the undersigned along with an approved copy of our Blanket Bond No. 8017-23-81.

Yours very truly,



Robert D. Romek *LHS*
Title Records Supervisor

LHTaylor:tw
Enclosures

THE STATE OF UTAH

OIL AND GAS CONSERVATION COMMISSION

BOND

KNOW ALL MEN BY THESE PRESENTS.

BOND NO. 8017-23-41

That

We:

MOBIL OIL CORPORATION

P. O. Box 1652, Casper, Wyoming 82601

of the

County of:

Natrona

in the

State of:

Wyoming

as Principal,

and

FEDERAL INSURANCE COMPANY, 90 John Street, New York,

New York.

as surety, authorized to do business in this State, are held and firmly bound unto the State in the penal sum as indicated, lawful money of the United States, for which payment, will and truly to be made to the State of Utah for the use and benefit of the Oil and Gas Conservation Commission, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents

The condition of this obligation is that whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State of Utah, to wit:

Township 3 North, Range 16 East S.L.M. Summit County, Utah:

(may be used as blanket bond or for single well)

Sec. 21: S $\frac{1}{2}$ SW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$

Sec. 22: SW $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$

Sec. 27: N $\frac{1}{2}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$

Sec. 28: NE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ NW $\frac{1}{4}$

NOW, THEREFORE, if the above bounden principal shall comply with all of the provisions of the laws, rules, regulations and orders of the Conservation Commission of the State, including, but not limited to, the proper plugging of said well or wells, and filing with the Oil and Gas Conservation Commission of the State, all notices and records required by said Commission, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

Penal Sum of Five Thousand & No/100 - - (\$5,000.00) State of Utah Approved SM

Witness our hands and seals, this 18th day of May, 1966

Legal W.R.H.

T. R. @

MOBIL OIL CORPORATION

By RR Church
Principal Attorney in Fact

Witness our hands and seals, this 18th day of MAY, 1966

FEDERAL INSURANCE COMPANY

Richard
Surety

Approved as to form and execution.

PHIL L. HANSEN
ATTORNEY GENERAL

COUNTERSIGNED BY:

Leland J. Paxton
Eastman Hatch & Company LELAND J. PAXTON
Salt Lake City, Utah

By: _____

Date: _____

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany this bond.)

3/3/04 Original bond
put into Operator Bond file
ERussell

THE STATE OF UTAH

OIL AND GAS CONSERVATION COMMISSION

BOND

KNOW ALL MEN BY THESE PRESENTS,

BOND NO. 8017-23-81

That We: MOBIL OIL CORPORATION
P. O. Box 1652, Casper, Wyoming 82601

of the County of: Natrona in the State of: Wyoming

as Principal, and FEDERAL INSURANCE COMPANY
90 John Street, New York, New York

as surety, authorized to do business in this State, are held and firmly bound unto the State in the penal sum as indicated, lawful money of the United States, for which payment, will and truly to be made to the State of Utah for the use and benefit of the Oil and Gas Conservation Commission, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The condition of this obligation is that whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State of Utah, to wit:

BLANKET BOND

(may be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all of the provisions of the laws of this State, and the rules, regulations and orders of the Conservation Commission of the State, including, but not limited to, the proper plugging of said well or wells, and filing with the Oil and Gas Conservation Commission of the State, all notices and records required by said Commission, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

Penal Sum of Twenty-five Thousand & No/100 (\$ 25,000.00) State of Utah

Witness our hands and seals, this 29th day of November, 1966

MOBIL OIL CORPORATION
By [Signature]
Principal Attorney in Fact

Approve:
Land [Signature]
Legal W.R.H.
T. R. LHT

Witness our hands and seals, this 29th day of NOVEMBER, 1966

FEDERAL INSURANCE COMPANY
By: [Signature]
Surety (Mary F. Nieters, Attorney-in-fact)

Approved as to form and execution:

PHIL L. HANSEN
ATTORNEY GENERAL

COUNTERSIGNED BY: [Signature]
Utah Resident Agent

By: _____

Date _____

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany this bond.)

3/3/04 original bond put into operator bond file
E Russell

Certified Copy of
POWER OF ATTORNEY

Know all Men by these Presents, That the FEDERAL INSURANCE COMPANY, 90 John Street, New York, New York, a New Jersey Corporation, has constituted and appointed, and does hereby constitute and appoint

Edward F. Reid, Jerald W. Keenan, Mary F. Nieters and Richard S. Skewes of Denver, Colorado - - - - -

each its true and lawful Attorney-in-Fact to execute under such designation in its name and to affix its corporate seal to and deliver for and on its behalf as surety thereon or otherwise, bonds or obligations given or executed in the course of its business, and any instruments amending or altering the same, and consents to the modification or alteration of any instruments referred to in said bonds or obligations.

In Witness Whereof, the said FEDERAL INSURANCE COMPANY has, pursuant to its By-Laws, caused these presents to be signed by its Vice President and Assistant Secretary and its corporate seal to be hereto affixed this **4th** day of **November** 19 **65**

FEDERAL INSURANCE COMPANY

By



Frederick C. Gardner
Vice President



Davis Quinn
Assistant Secretary



STATE OF NEW YORK }
County of New York }

ss.:

On this **4th** day of **November** 19 **65** before me personally came Davis Quinn, to me known and by me known to be Assistant Secretary of the FEDERAL INSURANCE COMPANY, the corporation described in and which executed the foregoing Power of Attorney and the said Davis Quinn being by me duly sworn, did depose and say that he resides in the City of New York, in the State of New York; that he is Assistant Secretary of the FEDERAL INSURANCE COMPANY and knows the corporate seal thereof; that the seal affixed to the foregoing Power of Attorney is such corporate seal and was thereto affixed by authority of the By-Laws of said Company and that he signed said Power of Attorney as Assistant Secretary of said Company by like authority; that he is acquainted with Frederick C. Gardner and knows him to be Vice President of said Company, and that the signature of said Frederick C. Gardner subscribed to said Power of Attorney is in the genuine handwriting of said Frederick C. Gardner and was thereto subscribed by authority of said By-Laws and in deponent's presence.

Acknowledged and Sworn to before me
on the date above written.



Notary Public
MARION J. McGRATH
NOTARY PUBLIC, State of New York
No. 24-7887850
Qualified in Kings County
Certificate filed in New York County, 1966
Commission Expires March 30,



CITY AND COUNTY OF NEW YORK: ss

I, the undersigned, Assistant Secretary of the FEDERAL INSURANCE COMPANY, do hereby certify that the following is a true excerpt from the By-Laws of the said Company as adopted by its Board of Directors on March 11, 1953 and amended January 2, 1964 and that this By-Law is in full force and effect.

"ARTICLE XIX.

Section 2. All bonds, undertakings, contracts, powers of attorney, and other instruments other than as above, for and on behalf of the Company which it is authorized by law or its charter to execute, may and shall be executed in the name and on behalf of the Company either by the Chairman or the Vice-Chairman or the President or a Vice-President, jointly with the Secretary or an Assistant Secretary, under their respective designations, except that any one or more officers or attorneys-in-fact designated in any resolution of the Board of Directors or the Executive Committee, or in any power of attorney executed as provided for in this section, may execute any such bond, undertaking or other obligation as provided in such resolution or power of attorney."

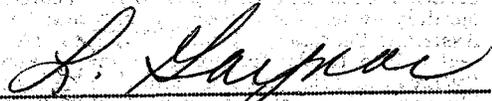
And I further certify that I have compared the foregoing copy of the POWER OF ATTORNEY with the original thereof and the same is a correct and true copy of the whole of said original Power of Attorney and that said Power of Attorney has not been revoked.

And I further certify that said FEDERAL INSURANCE COMPANY is duly licensed to transact fidelity and surety business in each of the States of the United States of America, Puerto Rico, and each of the Provinces of the Dominion of Canada with the exception of Prince Edward Island; and is also duly licensed to become sole surety on bonds, undertakings, etc., permitted or required by the laws of the United States.

Given under my hand and seal of said Company at New York, N. Y., this _____ day of

NOVEMBER

19 66


Assistant Secretary

December 6, 1966

Federal Insurance Company
90 John Street
New York, New York

Re: Bond No. 8017-23-41

Gentlemen:

Upon receiving Blanket Bond No. 8017-23-01, this office is hereby releasing liability under Bond No. 8017-23-41.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT
EXECUTIVE DIRECTOR

CBF:ac

cc: Mobil Oil Corporation
Attn: Mr. Robert D. Rosch, Title Records Supervisor
P. O. Box 1652
Casper, Wyoming 82601

Mobil Oil Corporation

P.O. BOX 1652
CASPER, WYOMING 82601

December 7, 1966

Cleon B. Freight
Utah Oil & Gas Conservation Commission
348 East So. Temple
Salt Lake City, Utah

Re: WELL GREGORY #F44-21
SEC. 21: T3N-R16E
SUMMIT COUNTY
UTAH

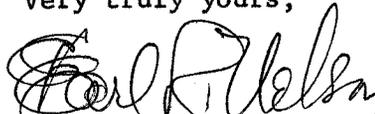
Dear Mr. Freight:

This will acknowledge receipt of your letter of December 2, 1966, in which you requested a copy of the surveyor's plat reflecting the legal location of the referenced well. We are happy to supply a copy of said plat which we attach.

We advise that we furnished plats with a map showing the pending Burnt Fork Unit. This information was attached to the "Application to Drill" with our cover letter of November 28, 1966. Should you find that you have in your files copies of those which were originally sent to you, we would then appreciate your returning the attached for our use and file.

Thank you for your attention to this matter.

Very truly yours,

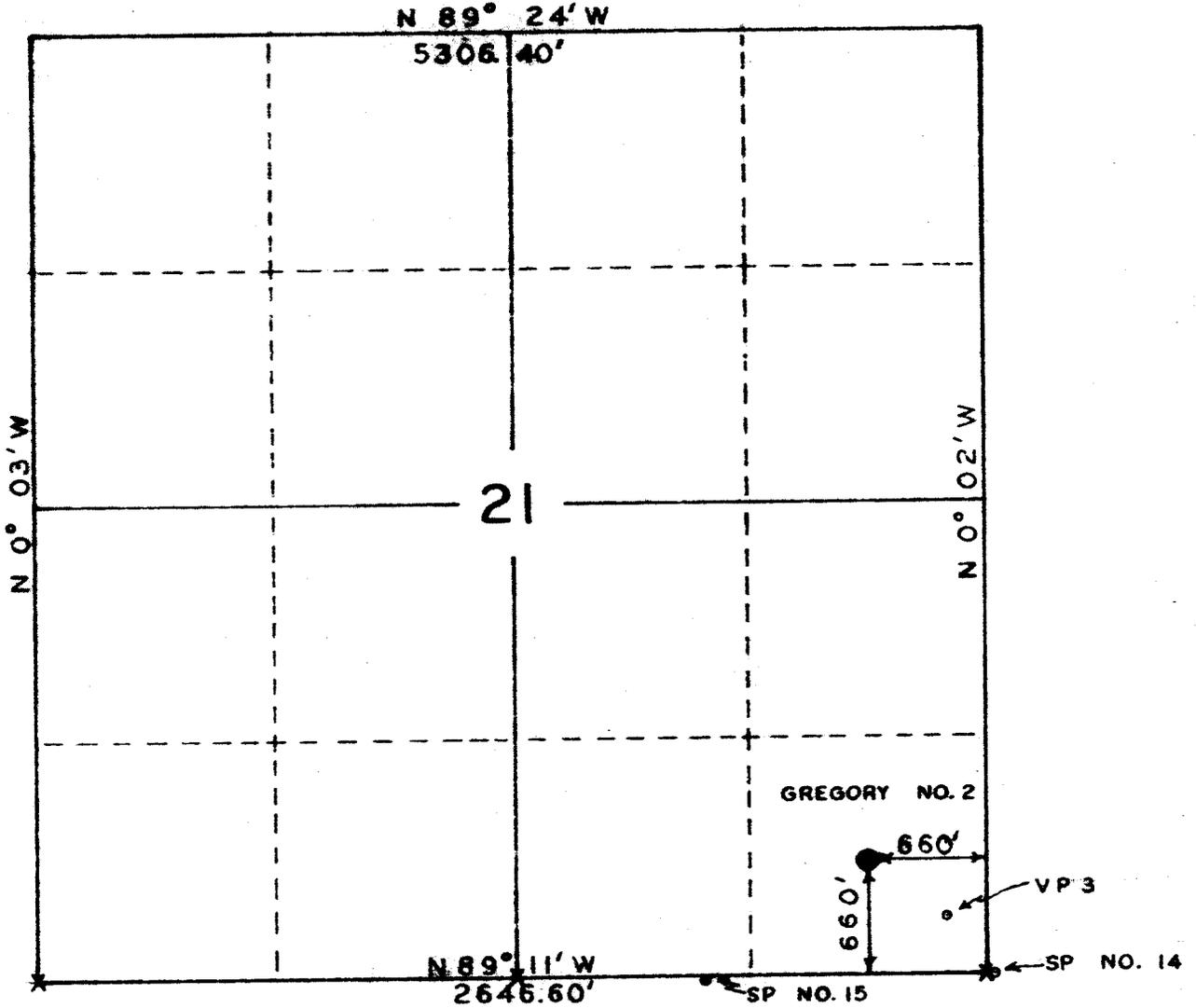


J. M. McLaughlin
Producing Manager

Att.

cc: Mr. Rodney A. Smith
District Engineer
U. S. Geological Survey
Salt Lake City, Utah

T 3 N, R 16 E, SLB&M



X - Corners Located (Stone)

Scale: 1" = 1000'

BY: ROSS CONSTRUCTION COMPANY
VERNAL, UTAH

R. D. Ross

PARTY R. D. Ross L. E. Heeney	SURVEY MOBIL OIL COMPANY GREGORY NO. 2 LOCATED IN CENTER SE $\frac{1}{4}$, SE $\frac{1}{4}$, SECTION 21 T3N, R16E, SLB&M, SUMMIT COUNTY, UTAH	DATE 11/18/66 REFERENCES USGLO Township Plat Approved 7/17/1993 FILE MOBIL
WEATHER Clear--Cool		

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Summit Field or Lease Gregory

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

January, 1967

Agent's address P. O. Box 1652 Company Mobil Oil Corporation
Casper, Wyoming 82601 Signed Earl R. Nelson
Phone 234-5371 Ext. 223 Agent's title General Accounting & Office Services Supervisor

State Lease No. _____ Federal Lease No. _____ Indian Lease No. _____ Fee & 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; and Gas-Oil Ratio Test)	
								No. of Days Produced	
SE SE Sec 21: 3N		16E	44-21P	Drilling Shut down				12-31-66 Spudded well	
								1-10-67 16" 65# surface casing was cemented in 20" hole at 768' w/850 sacks cement circulated to surface, WOC 12 hrs. ✓	
								1-11-67 Installed casinghead and BOP, pressure tested to 750# for 30 min. Held o.k. Drilled ahead, making 13-3/4" hole. ✓	
								1-23-67 Lost circulation at 2431'. ✓	
								1-23-31-67 Drilling dry, unable to regain full circulation. ✓	
								1-31-67 Depth 2770' lost complete returns, shut down to haul water. Preparing to drill without returns. ✓	

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

FILE IN DUPLICATE

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

February 27, 1967

MEMO FOR COMMISSIONERS

Re: Mobil Oil Company
Gregory F44-21
Sec. 21, T. 3 N., R. 16 E.,
Summit County, Utah

On February 21, 1967, the above named well was visited.

This test is a proposed 15,650' Dakota well. It is a 10 mile east offset to the Phillips Petroleum Company's Bridger Lake Field. The well is situated on another anomalous structural setting against the north flank thrust of the Uinta uplift. At the time of the visit, they were drilling at 4511' with aerated mud. To date, they have set 768' of 16" surface casing with 500 sacks cement circulated. They propose to set intermediate string at 7600'. Overall operations were considered satisfactory and a cursory safety inspection was made of the Superior Drilling Company's rig and no discrepancies were noted.

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:kh

CC: Commissioner Carlyle Gronning
Industrial Commission
438 State Capitol Building
Salt Lake City, Utah

Form OGCC 4

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Summit Field or Lease Gregory

The following is a correct report of operations and production (including drilling and producing wells) for
March, 1967.

Agent's address P.O. Box 1652 Company MOBIL OIL CORPORATION
Casper, Wyoming 82601 Signed J. R. Williamson
Phone 234-5371 Ext. 249 for Earl R. Nelson
Agent's title Supvr., Gnrl. Acctg. & Off. Services

State Lease No. _____ Federal Lease No. _____ Indian Lease No. _____ Fee & 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; and Gas-Oil Ratio Test)
				Dr1g				No. of Days Produced 3-1-67 Depth 5382' in sand & shale. 3-24-67 Cemented 10-3/4" 40.5# csg in 13-3/4" hole @ 7605' w/800 sacks regular cement containing 2% gel & 12% salt, followed by 400 sacks reg. cement containing 12% salt.WOC. 3-26-67 Installed & tested BOP's to 2500# & csg to 850#, held ok. 3-27-67 Drilling 9" hole in sand & shale @ 8430'. Deviation 2-1/4" @ 8430'. 3-31-67 Only sand & shale at 8430'. Deviation 2 1/4" at 8430'

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

FILE IN DUPLICATE

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

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Summit Field or Lease Gregory

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

April, 1967

Agent's address P.O. Box 1652 Company MOBIL OIL CORPORATION

Casper, Wyoming 82601 Signed Earl R. Nelson

Phone 234-5371 Agent's title Supvr. Gnrl. Acctg. & Off. Services

State Lease No. _____ Federal Lease No. _____ Indian Lease No. _____ Fee & 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; and Gas-Oil Ratio Test)
				Drlg				<p>No. of Days Produced</p> <p>4-1-67 Depth 8640' in sand & shale.</p> <p>4-15-67 Drlg sand & shale @ 10,894' Deviation 3-1/4° @ 10,885'.</p> <p>4-30-67 Drlg sand, shale & siltstone @ 13,043'. Deviation 3° @ 13,035'.</p> <p>PLEASE REPLENISH OUR SUPPLY OF THESE FORMS. OUR ORIGINAL SUPPLY IS DEPLETED.</p>

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

FILE IN DUPLICATE

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

Dregory 104-21
red 22 + SW R16E

~~Confidential~~

Bob Woods - Mobile Oil

T.D. - 15,368

15,650 ft.

16,650 ft.

→ None verbal

Still data -

approval to

Drill additional 1000 ft. -

May 16, 1967

EMD

Sharon

Mobil Oil Corporation

P.O. BOX 1652
CASPER, WYOMING 82601

May 18, 1967

Utah Oil & Gas Conservation Commission
348 East So. Temple, Suite 301
Salt Lake City, Utah 84111

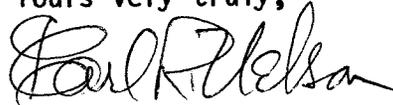
Att: Mr. Paul Burchell
Chief Petroleum Engineer

GREGORY 44-21-P
SE SE SEC. 21, T3N, R16E
SUMMIT COUNTY, UTAH

Gentlemen:

Attached is a copy of a letter we just received from Mr. Rodney A. Smith, District Engineer, U. S. Geological Survey, regarding future reports on subject well. We will send your office one (1) copy of each report, submitted to Mr. Smith. If you require more than one copy or additional information, please advise.

Yours very truly,



Earl R. Nelson
Supervisor, General Acctg &
Office Services

REWoodward:jw
Attachment



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah, 84111



May 16, 1967

RE: GREGORY FH4-21-P
SESE SEC 21, T3N, R16E
SUMMIT COUNTY, UTAH

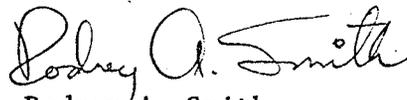
Mobil Oil Corporation
P. O. Box 1652
Casper, Wyoming 82601

Gentlemen:

On April 25, the Acting Director of the Geological Survey approved the Burnt Fork unit agreement, Summit County, Utah. Accordingly, the well you are presently drilling inside this unit area located in SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 21, T. 3 N., R. 16 E., Summit County, Utah, on fee land now comes under our jurisdiction and supervision. Therefore, you should submit two copies of all sundry notices and reports which have been submitted to the Utah State Oil and Gas Conservation Commission other than the permit to drill as we were furnished with two copies earlier.

Enclosed is a copy of our "Conditions of Approval" which should be attached to the permit to drill the above well. Since this is now a Federal unit, it will be necessary for you to submit all future notices and reports to this office for approval.

Sincerely yours,


Rodney A. Smith,
District Engineer

Attachment

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THE
(Other instructions
reverse side)

YES
or
NO

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR **Wildcat**
Mobil Oil Corporation

3. ADDRESS OF OPERATOR
Box 1652, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
**660' north of South line & 660' West of East line Sec. 21,
T3N, R16E, Summit County, Utah**

14. PERMIT NO. _____ 15. ELEVATIONS (Show whether DF, RT, CR, etc.)
CR 5123'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT ON:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIR WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTER OR REPLACE CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDON <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input checked="" type="checkbox"/> 4-30 thru 5-19-67 Weekly Report *	

(NOTE: Report results of multiple complete operations, or operations involving estimated date of starting any Completion or Recompletion of well.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all operations and zones pertinent to this work.)*

Pursuant to your letter of 5-16-67, notifying us that the acting U.S. Geological Survey had approved the Burnt Fork Unit agreement keeping with our letter of 5-18-67, we are, with this report, submitting reports on subject well.

4-30-67 Drlg sand, shale & siltstone at 13,043', Deviation 3° at 13,055'

5-1-67 Drlg sand & silt at 13,196'

5-1-67 Thru 5-19-67 Drilled sand, shale & silt from 13,196' to 15,092'. Deviation 2-1/2° at 15,570'

18. I hereby certify that the foregoing is true and correct

SIGNED Earl R. Nelson TITLE Supvr. Control Office

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THIS
(Other instructions
reverse side)

7-2-USGS-Salt Lake Icc-File
Icc-016Co-Salt Lake

Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER **Wildcat**

2. NAME OF OPERATOR
Mobil Oil Corporation

3. ADDRESS OF OPERATOR
Box 1652, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

**660' North of South line & 660' West of East line Sec. 21,
T3N, R16E, Summit County, Utah**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR 8113'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO :

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

SUBSEQUENT REPORT ON :

5-20-67 thru 5-26-67 Weekly Report

(NOTE: Report results of multiple completion or recompleting a well in this report and in Form 13.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- 5-20-67 Drlg sand & shale @ 15,960'.
- 5-21-67 Drlg sand & shale @ 16,000'.
- 5-22-67 Drlg sand & shale @ 16,029'.
- 5-23-67 Drlg Mowry shale @ 16,104'.
- 5-24-67 Drlg shale & chert @ 16,148'.
- 5-25-67 Drlg shale @ 16,246'.
- 5-26-67 Drlg shale @ 16,275'. Running reaming assembly & junk basket.

18. I hereby certify that the signed is true and correct

SIGNED **Earl R. Nelson**
Earl R. Nelson

TITLE **Supvr. Gnr'l. Acctg. & Off. Services** DATE **5-29-67**

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY :

TITLE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

1cc: File
0 & 8 Salt Lake
USGS Salt Lake
Form approved
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

Fee Lease

INDIAN ALLOTMENT OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Mobil Oil Corporation

3. ADDRESS OF OPERATOR
Box 1652 Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface **660' North of South line & 660' Wst of East Line**
Sec. 21, T3N, R16E
Summit County, Utah

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 8113'

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT ON:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input checked="" type="checkbox"/>

(Note: Report results of multiple complete well completion or well completion report and log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all intervals and zones pertinent to this work.)*

5-27-67 Drlg in shale at 16295'
 5-28-67 Could not get core bbl. to bottom reamed from 8950' to 9000'
 5-29-67 Coring at 16,327'
 5-30-67 Depth 16,330'. stuck 40' off bottom for 2 hrs.
 5-31-67 Coring at 16,391'
 6-1-67 Reaming tight spot 8150'
 6-2-67 Drilling shale at 16,408'

18. I hereby certify that the foregoing is true and correct

SIGNED Earl R. Nelson TITLE Supvr. Grnl. Acctg. & Off. Serv.

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

Summit Oil Co. - Cooper, Wyo. -
Paint Fork Unit
Mabel Log # F44-21
rec 28 + 3 N R 16 E Summit Co.

16" - 760
10-3/4 @ 7605 -> water flows behind pipe -> want Pull
all shale

KB - Elect Log top:
Top Frontier 15890 -> Cored Upper Part
Dakota 16263 -> Tight
Merwin 16542
T. D. 16660 - 9" hole

Log shows lower sands tight also.

- ① 50' plug 1/2 Merwin & Base of Dakota
 - ② 50' top Dakota & Base of Frontier
 - ③ ~ 100' plug Base of Merwin & top of Amer.
 - ④ 50 plug base of 10-3/4 @ 7605
 - ⑤ 50 rods between 16" & 10-3/4 + some in top/maker.
- 300 rods total spare between plug / ~~10.2#~~ mud

12 180 - 170 - sands (mud should cement grout OK)

June 9, 1967
PMB

"WHERE THE WORLD REGISTERS"

THE
Brown Palace
HOTEL

DENVER

Call Jim ^{pregony} List

Mobile 307-234-5371

Casper of 219

85500 - Velocity Tool
Line stuck = 8500
at 6400 with drill pipe

If can't cut: 100 ft on

June
13, 1967

PMB

top of fish
and follow rest
of pipe

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THE
(Other instruct
verse side)

DATE*
on re-

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Fee Lease

6. IF INDIAN ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER **Wildcat**

2. NAME OF OPERATOR
MOBIL OIL CORPORATION

3. ADDRESS OF OPERATOR
Casper, Wyoming 82601, Box 1652

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface **660' North of South line and 660' West of East line,
Sec. 21, T 3N, R 16E, Summit County, Utah**

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
G 8113'

7. UNIT AGREEMENT NAME
Burnt Fork

8. FARM OR LEASE NAME
Gregory

9. WELL NO.
44-21-P

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC. T., R., M., OR BLM. AND SURVEY OR AREA
**SE SE Sec 21,
T 3N, R 16E**

12. COUNTY OR PARISH
Summit

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) 6-10 Thru 6-16 weekly Report <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- 6-10 Drilling out bridges and reaming to bottom @ 16,670'
- 6-11 Logging and circulating
- 6-12 Running velocity Survey @ 16,670'
- 6-13 Stripping over Schlumber wireline in 9" hole @ 16,670'
- 6-14 Going in hole to plug and abandon @ 16,670'
- 6-15 Laying down drill pipe, ran cement plugs as follows:

16,525 - 16,575 (50') w/35 sacks cement
 16,235 - 16,285 (50') w/35 " "
 9,500 - 9,600 (100)' w/50 " "
 7,550 - 7,600 (50') w/35 " "

6-16-67 Total depth 16,670', Plugged & abandoned, released rig 4:00 PM. 6-15-67 Tearing down & moving out rotary rig.

18. I hereby certify that the foregoing is true and correct

SIGNED Earl R. Nelson
(This space for Federal or State office use)

TITLE Gen. Acctg. & Off. Serv. Supv. DATE 6-29-67

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

DATE

0 + 2 USGS - Salt Lake
1cc: O&GCC - Salt Lake
1cc: File

*See Instructions on Reverse Side

Vertical text stamp: COMMERCIAL BUREAU OF THE GEOLOGICAL SURVEY, U.S. DEPARTMENT OF THE INTERIOR

0 + 1 USGS - ~~Dwv~~ ^{SALT LAKE} lcc: file
 2cc: O&GCI ~~Dwv~~ lcc: W. G. Sole

Form 9-330
 (Rev. 5-63)

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
 Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other **P & A**

2. NAME OF OPERATOR
MOBIL OIL CORPORATION

3. ADDRESS OF OPERATOR
Box 1652 CASPER, WYOMING 82601

4. LOCATION OF WELL (Report location clearly and in accordance with local State requirements)
 At surface **600' North of South line & 600' West of East line Sec. 21, T3N, R 16E, Summit County, Utah**
 At top prod. interval reported below
 At total depth

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.
Fee Lease

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Burnt Fork

8. FARM OR LEASE NAME
Gregory

9. WELL NO.
44-21-P

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SE SE

Sec. 21, T3N, R16E

12. COUNTY OR PARISH
Summit

13. STATE
Utah

15. DATE SPUNDED **12-31-66** 16. DATE T.D. REACHED **6-10-67** 17. DATE COMPL. (Ready to prod.) **Plugged & Abandoned** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **GR. 8113' RKB8129'** 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **16,670'** 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS **0'-16,670'** CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Dry - Plugged & Abandoned 25. WAS DIRECTIONAL SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN
Induction Laterolog; BHC Sonic, Density Log, Induction Electric Log, Meter 27. WAS WELL CORED
Yes

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
24"	94# & 120#	46'	30"	Cmtd. to surface	None
16"	65#	768'	20"	850 Sacks	None
10 3/4"	40.5#	7605'	13 3/4"	1200 Sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				None

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
None		None

31. PERFORATION RECORD (Interval, size and number)
None

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	

33.* PRODUCTION

DATE FIRST PRODUCTION **None - Plugged & Abandoned** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)
None - Plugged & Abandoned WELL STATUS (Producing or shut-in)
Plugged & Abandoned

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. LIST OF ATTACHMENTS
4 copies Form #OGCC-8-X Report of Water encountered during drilling.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED **Earl R. Nelson** TITLE **Gen. Acctg. & Off. Serv. Supvr.** DATE **6-22-67**

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.) formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP		DESCRIPTION, CONTENTS, ETC.	BOTTOM		GEOLOGIC MARKERS	
	16,300'	16,360'		16,360'	16,400'	NAME	MEAS. DEPTH
DAKOTA			Core #1 - 16,300' - 10' Lost, 16,310' - 31' gry. sh. 16,331' - 33' shale greygreen, bentonitic. 16,333' - 37 1/2' ss lt. grey to white, Hard, bentonitic, fine, no show 16,337 1/2' - 40' trc. porosity, no show, 16,340' - 45', ss, wht., clean, some poro. trc. perm. 16,345' - 60' ss, wht., friable, fair poro. sll. to fair perm, trc. oil odor Core appears flushed but water wet. Core #2 - 16,360' - 62 1/2' ss., fri., fair p. sp. sll gas odor, appears wet. 16,362 1/2' - 63', Coal, 16,383' - 67 1/2', ss. slightly porous, no show, 16,367 1/2' - 71' sh w/ss streaks at bottom. 16,371' - 78' sh. siltstone, 16,378' - 90' shale, 16,390' - 400' shale, gry, red mottled, gry toward bottom.			Quaternary 4,394' 7,687' 10,357' 13,554' 15,892' 15,488' 16,267'	
DAKOTA			Core #3 - 16,411' - 19' sh & ss thinly inter- bedded, trc. gas odor. 16,419' - 437', ss, lt. gry, some p & p, no show 16,437' - 16,441' shale.			Morrison 16,540' TOTAL DEPTH 16,670'	

JUN 27 1967

FORM OGCC-8-X
FILE IN QUADRUPLICATE

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
348 EAST SOUTH TEMPLE
SUITE 301
SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Mobil Oil Co. Gregory, #F 44-21-P
Operator Mobil Oil Co. Address P. O. Box 1652
Casper, Wyoming Phone 23 4-5371
Contractor Superior Drilling Co. Address Suite 1200, Security Life Bldg.
Denver, Colorado Phone 303-244-2411
Location SE 1/4 SE 1/4 Sec. 21 T. 3 N R. 16 E Summit County, Utah.
S W

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1. 700	730	175 Bbls/day	Fresh
2. 790'	1240'	600-1000 Bbls/day	Fresh
3.			
4.			
5.			

(Continued on reverse side if necessary)

Formation Tops:

Water flow is in Quaternary glacial (?) deposits. (Gravel)

Remarks:

- NOTE:
- (a) Upon diminishing supply of forms, please inform the Commission,
 - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form).
 - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

Form 9-331
(May 1963)

TED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THE DATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Fee Lease

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER **Wildcat**

2. NAME OF OPERATOR
MOBIL OIL CORPORATION

3. ADDRESS OF OPERATOR
Box 1652 Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface **660' North of South line & 660' West of East line Sec. 21 T3N, R16E, Summit County, Utah**

14. PERMIT NO. _____ 15. ELEVATIONS (Show whether DF, RT, OR, etc.)
GR 8113' RKB 8129'

6. INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Burnt Fork

8. FARM OR LEASE NO.
Gregory

9. WELL NO.
44-20-1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. T, R, M, S, OR B, AND SURVEY OR AREA
Sec. 21, T3N R 16E

12. COUNTY OF PARISH, STATE
Summit Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion or Well Completion or Recompletion Report and Log Form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was drilled to a total depth of 16,670', judged to be a dry hole and was therefore plugged & abandoned by placing cement plugs in the hole as follows:

- 6-15-67 Plug #1 16,575'-16525' 35 sacks.
- " " #2 16,285'-16235' 35 sacks
- " " #3 9,600'- 9500' 50 "
- " " #4 7,600'-7550' 35 "
- 6-28-67 " #5 Pumped 65 sacks cement containing 2% calcium chloride between the 10 3/4" 16" csg.
- 6-29-67 " #6 Cut off 10 3/4" csg head & cemented 18' to surface in 16" 10 3/4" csg. w/20 sacks & welded a steel plate across top of surface csg. & erected dry hole marker, 6' of marker cemented inside casing & 4' of marker extends above ground. The location has been backfilled & is ready for inspection. ✓

18. I hereby certify that the foregoing is true and correct

SIGNED Earl R. Nelson TITLE Gen. Acctg. & Off. Serv. Supv. DATE 7/1-67

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Mobil Oil Corporation

P.O. BOX 1652
CASPER, WYOMING 82601

July 31, 1967

Utah State Oil and Gas Conservation Commission
348 E. South Temple
Suite 301
Salt Lake City, Utah 84111

Attention: Paul W. Burchell

Gentlemen:

Enclosed herewith are electrical log surveys on the Mobil Oil Corporation's #F 44-21-P Gregory well in Section 21, T. 3 N., R. 16 E., Summit Co., Utah, as previously requested. We are sending one copy each of the following logs:

- 1) Gamma Ray Neutron 769-7700'
- 2) Induction Electric Log 7605-14,757'
- 3) Dual Induction-Laterolog 7600-16,611'
- 4) Borehole Compensated Sonic Log Gamma Ray 7600-16,615'

We hope this will satisfy your needs.

Very truly yours,



C. T. Wheeler, Jr.

CTWheeler/hml
Encl.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN LICATE*
(Other instructions on
reverse side)

Fee

5. Lease Designation and Serial No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. If Indian, Allottee or Tribe Name

1a. Type of Work

DRILL

DEEPEN

Re Enter

PLUG BACK

7. Unit Agreement Name

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple

8. Farm or Lease Name

2. Name of Operator

BLUE DIAMOND OIL CORPORATION

CONFIDENTIAL

GREGORY

3. Address of Operator

2126 SOUTH RIDGEWOOD WAY, BOUNTIFUL, UTAH 84010

9. Well No.

44-21

4. Location of Well (Report location clearly and in accordance with any State requirements.*)

At surface 660' N of South Line and 660' W of East Line
(SE SE) of Section 21 T3N-R16E

10. Field and Pool, or Wildcat

WILDCAT

At proposed prod. zone

11. Sec., T., R., M., or Blk. and Survey or Area

21 T3N-R16E SLM

14. Distance in miles and direction from nearest town or post office*

6 Miles South of Lone Tree, Wyoming

12. County or Parrish 13. State

Summit, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

660'

16. No. of acres in lease

1120

17. No. of acres assigned to this well

TBD

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

19. Proposed depth

16670' *MORT 12570*

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

8113' G.L. 8132 DF

22. Approx. date work will start*

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
30"	24"	94 & 120#	46'	Cmt. to Surface
20"	16"	65#	768'	850 Sks.
13-3/4"	10-3/4"	40.5#	7605'	1200 Sks.
9"	5-1/2"	20 & 23#	16670'	650 Sks.

SEE ATTACHED REENTRY PROGRAM

RECEIVED
NOV 09 1988

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If directional drilling or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Signed: *[Signature]* Title: President Date: 11-08-88

(This space for Federal or State office use)
Permit No. 43-043-201165 Approval Date 801-544-4262 APPROVED BY THE STATE

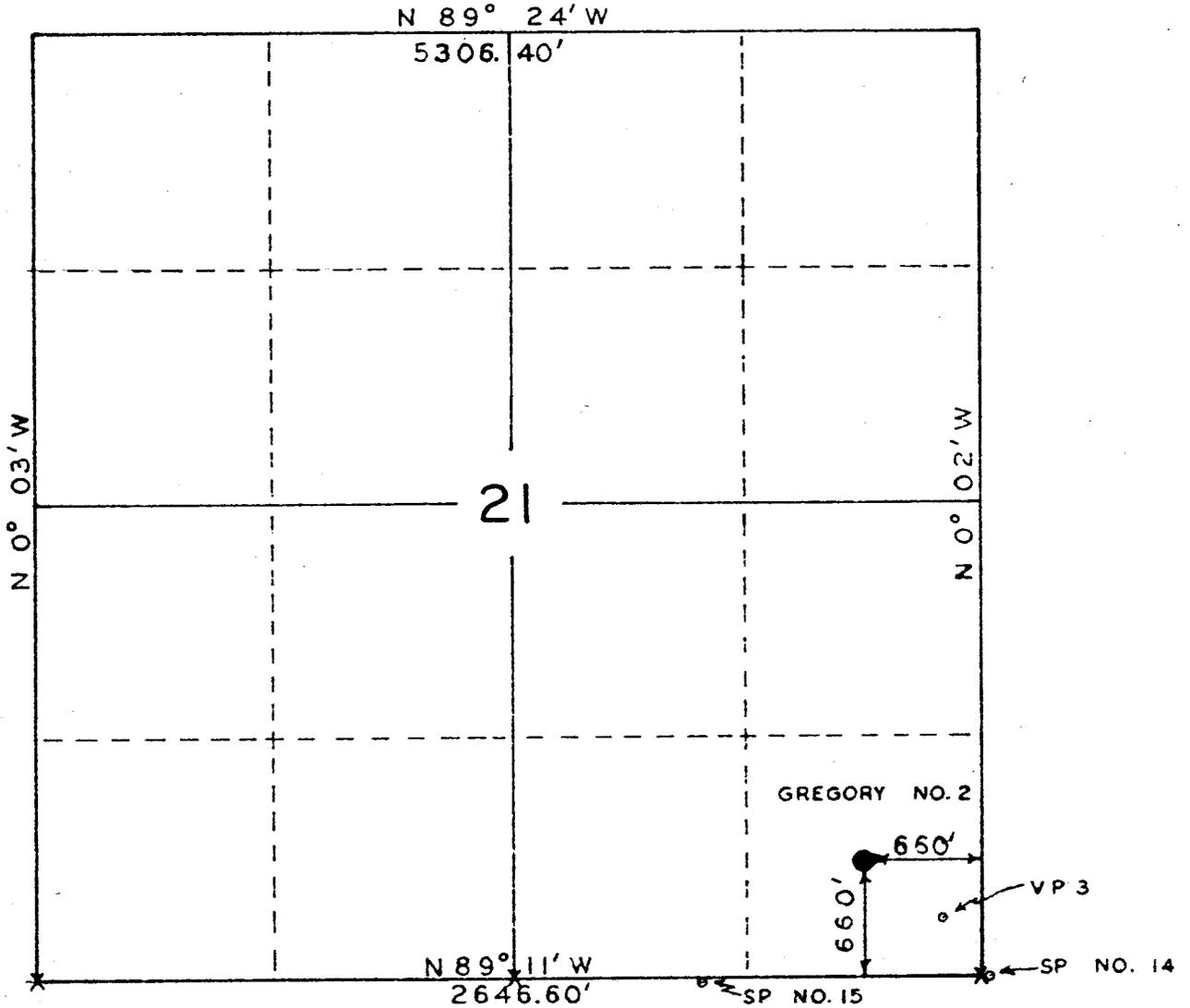
Approved by: _____ Title: _____ OF UTAH DIVISION OF OIL, GAS, AND MINING

Conditions of approval, if any:

DATE: 11-21-88
BY: *[Signature]*

*See Instructions On Reverse Side WELL SPACING: R615-3-2

T 3 N, R 16 E, SLB&M



X - Corners Located (Stone)

Scale: 1" = 1000'

BY: ROSS CONSTRUCTION COMPANY
VERNAL, UTAH

R. D. Ross

PARTY R. D. ROSS L. E. Heeney	SURVEY MOBIL OIL COMPANY GREGORY NO. 2 LOCATED IN CENTER SE $\frac{1}{4}$, SE $\frac{1}{4}$, SECTION 21 T3N, R16E, SLB&M, SUMMIT COUNTY, UTAH	DATE 11/18/66 REFERENCES USGL Township Plat Approved 7/17/1893 FILE MOBIL
WEATHER Clear--Cool		

REENTRY PROCEDURE

GREGORY 44-21
SESE SEC. 21 T3N-R16E
SUMMIT COUNTY, UTAH

1. Prepare location. Install wellhead (13-5/8" 5M x 10-3/4"). Install BOP stack. Test same to 80% (4000 psi).
2. MIRU drilling rig.
3. Clean out inside 10-3/4" casing to cement plug at 7550'. Circulate hole clean. Test casing to 50% of rating. 1500 psi.
4. Clean out to original TD 16,670', drilling cement plugs as follows:

<u>Depth</u>	<u>Cement</u>
7550' - 7650'	35 sacks
9500' - 9600'	50 sacks
16235' - 16285'	35 sacks
16525' - 16575'	35 sacks

5. Trip out of hole. SLM. Trip in and condition hole to run 5-1/2" casing.
6. Trip out LDDP.
7. Run 5-1/2" casing.
8. Cement 5-1/2" casing with 650 sacks Class H cement with 35% silica flour and required additives for bottom hole temperature.

Discussion between SRB & Mr. H. P. McHish 11-15-88.

1. BOP equipment: W.R. Grace Rig #180
- 13 7/8" 5000# WP - spherical & hydril.
2. Dakota - Morrison is objective zone. (similar to Bridger Lake)
3. Production test through casing. Will plug back as they move up hole.
4. No additional open hole logging planned. Possibly look at cased hole logging.
5. No hazardous conditions anticipated. Basing mud program on old Mobil drilling program.
6. He will send in a BOP schematic & mud program ASAP.

GRACE Drilling Co
Rig # 186

ROCKY MOUNTAIN DISTRICT
DIAGRAM 'A'

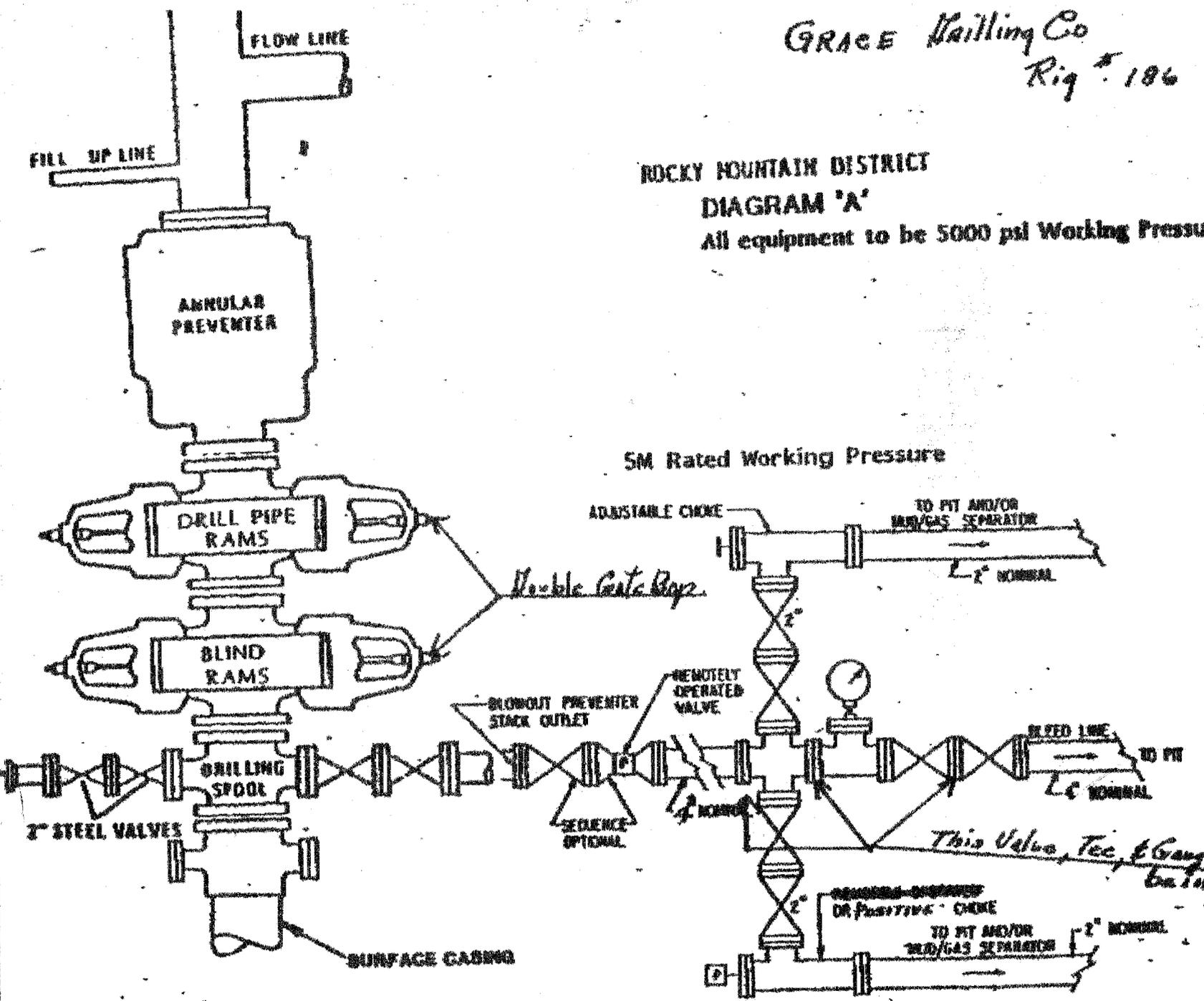
All equipment to be 5000 psi Working Pressure

John Boyce

BLUE DIAMOND OIL CORPORATION
2126 SOUTH RIDGEMOOD WAY, BOUNTIFUL, UTAH 84010
Location of Well: 660 N of South Line and 660 W of East Line
(SE SE) of Section 21 T3N-R16E
At present prod. zone

21 T3N-R16E SLM

WILDCAT
11 Sec. 2, R. 2E, T. 3N, of S11.
and Range of Area



Flexible Gate Rams

This Valve, Tee & Gauge will be in front of manifold.

1. Handwheels will be installed and labeled for the manual operation of rams.

REENTRY PROCEDURE

GREGORY 44-21
SESE SEC. 21 T3N-R16E
SUMMIT COUNTY, UTAH

1. Prepare location. Install wellhead (13-5/8" 5M x 10-3/4"). Install BOP stack. Test same to 80% (4000 psi).
2. MIRU drilling rig.
3. Clean out inside 10-3/4" casing to cement plug at 7550'. Circulate hole clean. Test casing to 50% of rating. 1500 psi.
4. Clean out to original TD 16,670', drilling cement plugs as follows:

<u>Depth</u>	<u>Cement</u>
7550' - 7650'	35 sacks
9500' - 9600'	50 sacks
16235' - 16285'	35 sacks
16525' - 16575'	35 sacks

5. Trip out of hole. SLM. Trip in and condition hole to run 5-1/2" casing.
6. Trip out LDDP.
7. Run 5-1/2" casing.
8. Cement 5-1/2" casing with 650 sacks Class H cement with 35% silica flour and required additives for bottom hole temperature.

MUD PROGRAM

EXISTING MUD

WT	VIS	WL	DIESEL
10.2	40	10	6%

THE EXISTING MUD WILL BE CLEANED AND MAINTAINED TO MEET THE ABOVE SPECIFICATIONS. SINCE NO NEW DRILLING IS PLANNED THOSE SPECIFICATIONS WILL ALLOW THE REENTRY AND CASING OF THE ORIGINAL HOLE

C. J. Utter

STATE UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

Fee

5. Lease Designation and Serial No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. If Indian, Allottee or Tribe Name

1a. Type of Work

DRILL DEEPEN Re Enter PLUG BACK

7. Unit Agreement Name

b. Type of Well

Oil Well Gas Well Other Single Multiple

8. Farm or Lease Name

2. Name of Operator

BLUE DIAMOND OIL CORPORATION

GREGORY

3. Address of Operator

2126 SOUTH RIDGEWOOD WAY, BOUNTIFUL, UTAH 84010

9. Well No.

44-21

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface 660' N of South Line and 660' W of East Line

10. Field and Pool, or Wildcat

WILDCAT

(SE SE) of Section 21 T3N-R16E

11. Sec., T., R., M., or Bk. and Survey or Area

21 T3N-R16E SLM

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*

6 Miles South of Lone Tree, Wyoming

12. County or Parrish 13. State

Summit, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. line, if any) 660'

16. No. of acres in lease

1120

17. No. of acres assigned to this well

TBD

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

19. Proposed depth

16670' *MOT 15570*

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

8113' G.L. 8132 DF

22. Approx. date work will start*

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
30"	24"	94 & 120#	46'	Cmt. to Surface
20"	16"	65#	768'	850 Sk.
13-3/4"	10-3/4"	40.5#	7605'	1200 Sk.
9"	5-1/2"	20 & 23#	16670'	650 Sk.

RECEIVED
NOV 09 1988

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If a blowout preventer will be installed or deepened directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

Title President

Date 11-08-88

(This space for Federal or State office use)

Permit No.

Approval Date

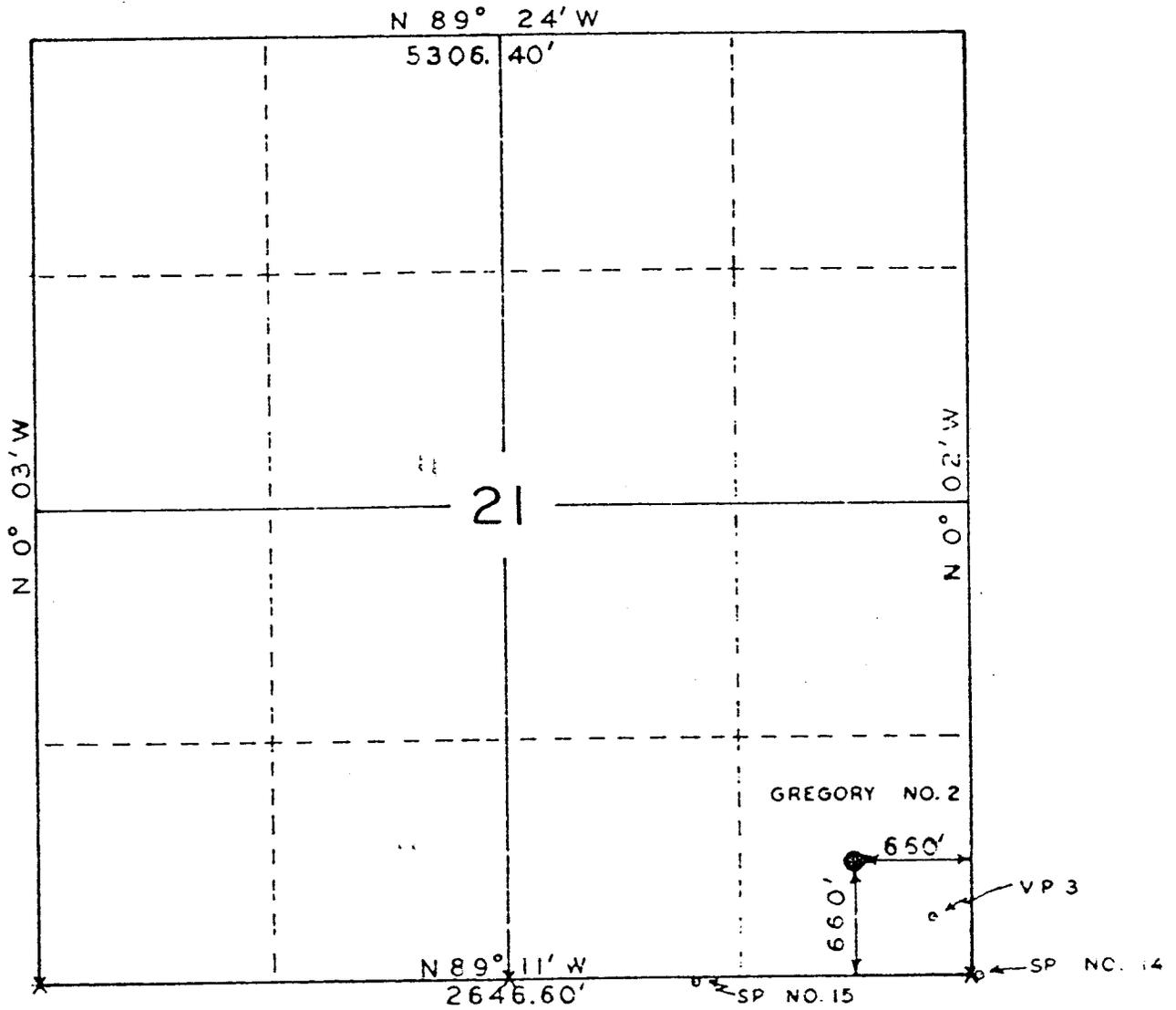
Approved by

Title

Date

Conditions of approval, if any:

T 3 N, R 16 E, SLB&M



X - Corners Located (Stone)

Scale: 1" = 1000'

BY: ROSS CONSTRUCTION COMPANY
VERNAL, UTAH

R. D. Ross

PARTY <u>R. D. Ross</u> <u>L. E. Heeney</u>	SURVEY MOBIL OIL COMPANY GREGORY NO. 2 LOCATED IN CENTER SE $\frac{1}{4}$, SE $\frac{1}{4}$, SECTION 21 T3N, R16E, SLB&M, SUMMIT COUNTY, UTAH	DATE <u>11/18/66</u> REFERENCES <u>USGL</u> <u>Township Plat</u> Approved <u>7/17/1893</u> FILE <u>MOBIL</u>
--	---	--

DRILLING LOCATION ASSESSMENT

State of Utah Division of Oil, Gas and Mining

OPERATOR: BLUE DIAMOND OIL CORP. WELL NAME: GREGORY 44-21
SECTION: 21 TWP: 3N RNG: 16E LOC: 660 FSL 660 FEL
QTR/QTR SE/SE COUNTY: SUMMIT FIELD: WILDCAT
SURFACE OWNER: GINO FIOANINI
SPACING: 460 F SECTION LINE 460 F QTR/QTR LINE 960 F ANOTHER WELL
INSPECTOR: BRAD HILL DATE AND TIME: 11/16/88 12:00 PM

PARTICIPANTS: John Berrier and C. Lee Mueller

REGIONAL SETTING/TOPOGRAPHY: Northern foothills of the Uinta Mountains/ Low rolling hills with dwarf vegetation

LAND USE:

CURRENT SURFACE USE: Domestic grazing

PROPOSED SURFACE DISTURBANCE: A rectangular shaped pad 200'X 150' and approximately 100 yards of access road

AFFECTED FLOODPLAINS AND/OR WETLANDS: The location is uphill (south) of a small reservoir about 1/4 mile

FLORA/FAUNA: Dwarf Sagebrush, Rabbitbrush, bunchgrass/ deer, birds

ENVIRONMENTAL PARAMETERS

SURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: Silty clay soil with scattered pebbles

SURFACE FORMATION & CHARACTERISTICS: Quaternary Alluvium

EROSION/SEDIMENTATION/STABILITY: No active erosion or sedimentation taking place. Ground surface is stable.

SUBSURFACE GEOLOGY

OBJECTIVES/DEPTHS: Dakota ss (16318')

ABNORMAL PRESSURES-HIGH AND LOW: None anticipated

CULTURAL RESOURCES/ARCHAEOLOGY: NA

CONSTRUCTION MATERIALS: None

SITE RECLAMATION: To be reclaimed to it's previous state if P&A.

RESERVE PIT

CHARACTERISTICS: 70'X 85'X 11'

LINING: None needed

MUD PROGRAM: Fresh water gel with 8% diesel (details to be sent by operator)

DRILLING WATER SUPPLY: Pumped from reservoir to the south.

OTHER OBSERVATIONS

Location is already built. Pit has already been dug. Rig is on location and mast was raised while I was on location. They expected to run BOPE test 11/16/88 late PM. They have been advised to obtain permit to drill before commencement, in the future. I received the APD on this well 11/14/88.

STIPULATIONS FOR APD APPROVAL

None

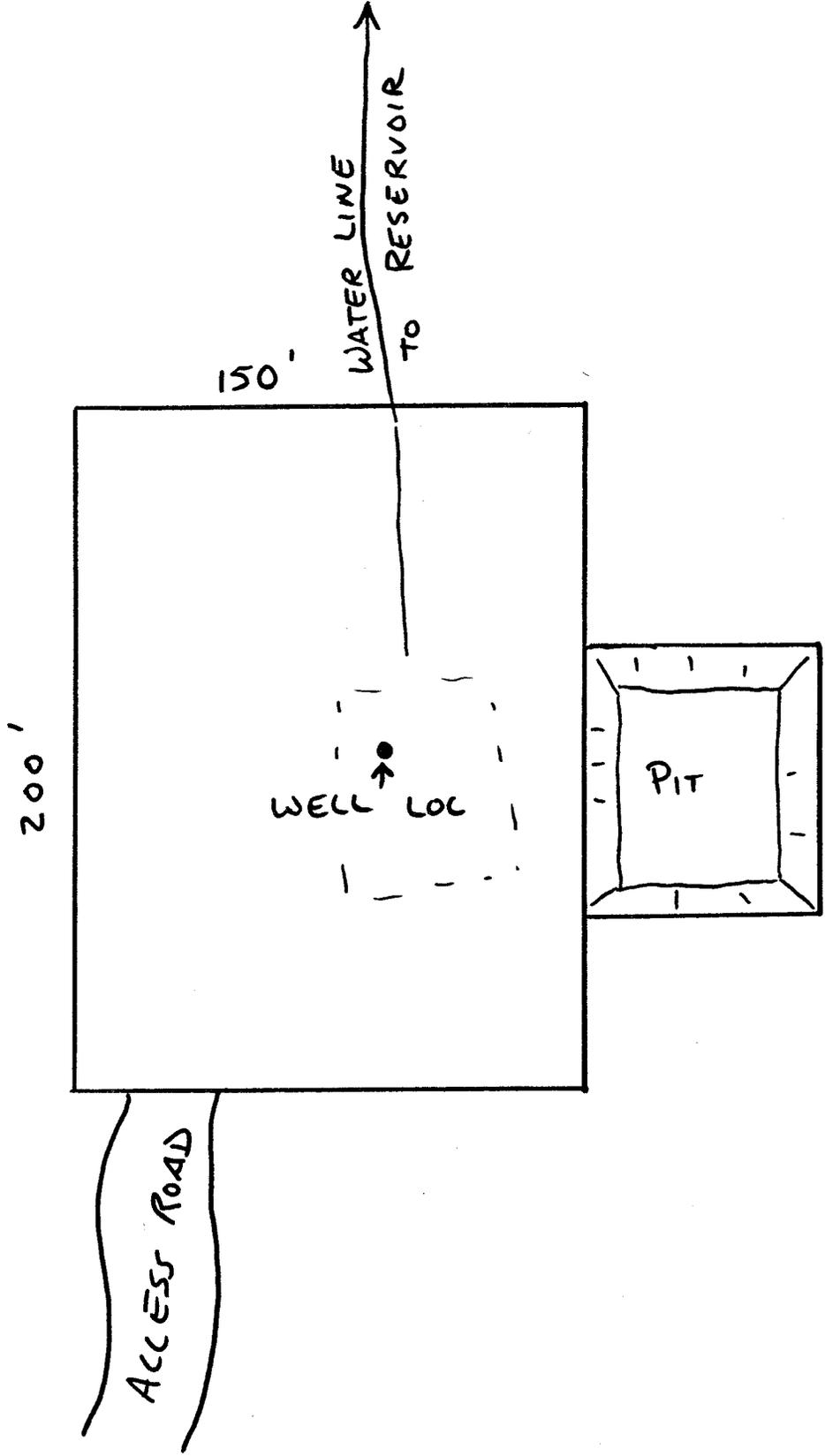
ATTACHMENTS

Site sketch

Section sketch

Photographs to be placed on file

SITE DIAGRAM



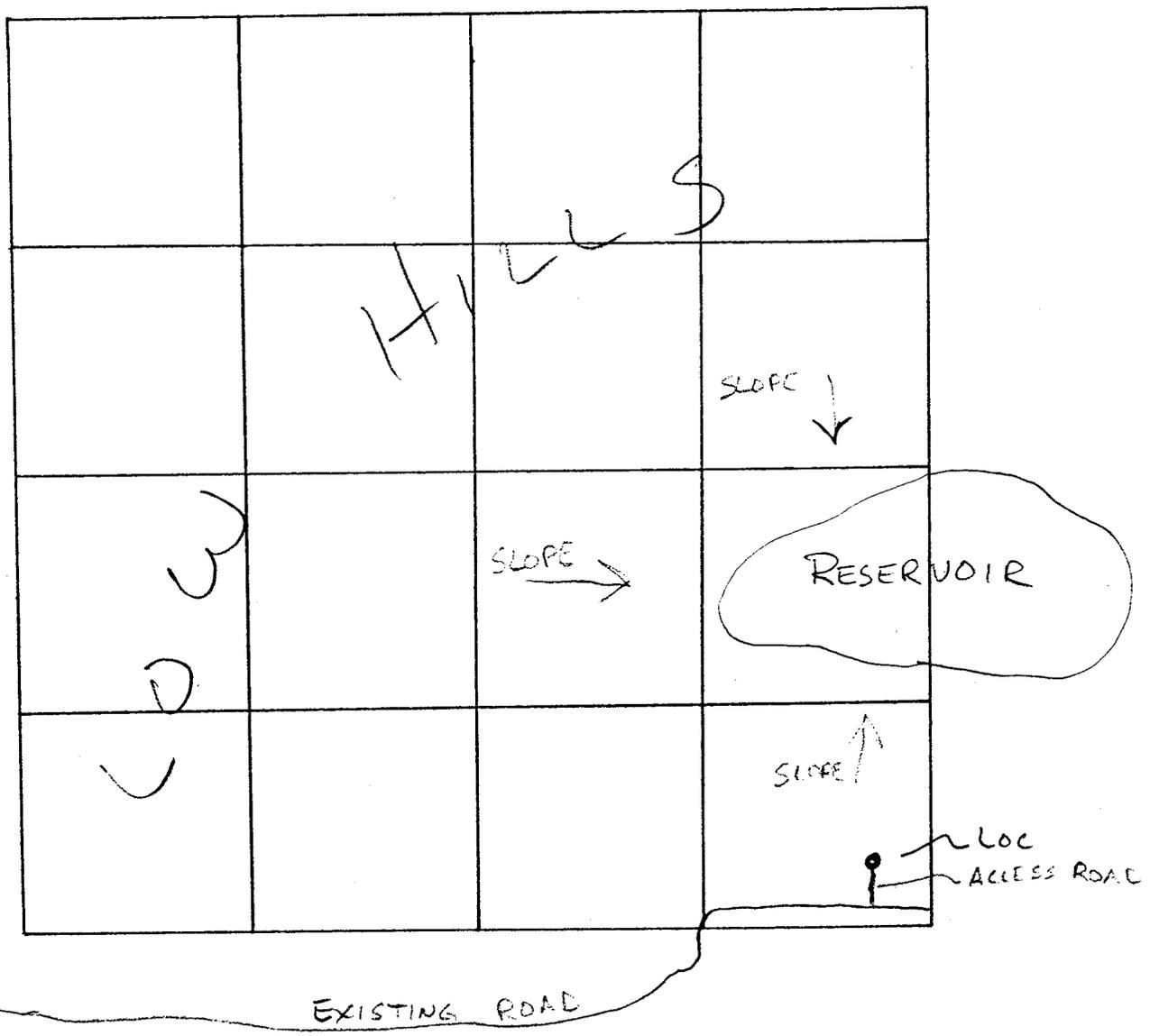
12 101 200 SMITH ST. SUITE 100
47 101 200 SMITH ST. SUITE 100
CANTON, MA 01921
TEL: 508-853-1111
FAX: 508-853-1112

11/16/88 B.Hill

SECTION 21 TOWNSHIP 3N RANGE 16E COUNTY Summit STATE UTAH
SCALE = 1" = 1000'



TO CONETREE WY.



11/16/88 B.Hill

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
BOPE TEST INSPECTION FORM

COMPANY: Blue Diamond REPRESENTATIVE: C. Lee Muelles
WELL NAME: Gregory 44-21 API# 43-043-? 20165
QTR/QTR SE/SE SECTION 21 WELLSIGN N TWP 3N RANGE 16E
INSPECTOR: John BERRIER DATE: 11-17-88 & 11-18-88
DRILLING CONTRACTOR Grace Rig # 186 (Brinkerhoff Signal RIG # 6)
RIG OPERATIONS: Re Entry - BOP Test - Prep. to re-enter well
DEPTH 16,670 LAST CASING 10 3/4 @ 7605
TEST BY Double Jack WATER w/ methanol MUD —
PRESSURE RATING OF STACK 5M H2S RATED No
TEST PRESSURES 250 Low / 4000 High KELLYCOCK: UPPER — LOWER 4000[#]
INSIDE BOP 4000[#] FULL OPENING VALVE ON FLOOR 4000[#]
WRENCH FOR FULL OPENING VALVE/KELLYCOCK ON FLOOR Yes

STACK - LISTED AS ARRANGED - TOP TO BOTTOM:

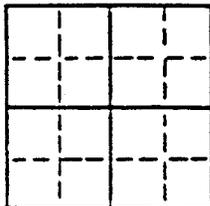
1. Spherical Preventer - (Hydrat)
2. Blind Rams
3. 4 1/2" Pipe Rams
4. 13 5/8" - 5M x 11" - 5M Spool.
5. 11" - 5M x 10 3/4" - 5M weld on. Well head.
6. w/ 2 - 2" threaded side outlets.
(5000[#] National Ball valves on outlets)

ADDITIONAL COMMENTS: Kill manifold choke leaks and will be repaired
Before Drill out.

REPORTED BY: _____ PHONE: _____

DATE: _____ SIGNED: _____

(IF TESTED BY INDEPENDENT COMPANY, ATTACH COPY OF TEST)



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

CONFIDENTIAL

Fee and Patented
State
Lease No. _____
Public Domain
Lease No. _____
Indian
Lease No. _____

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	<input type="checkbox"/>	Subsequent Report of Water Shut-off.....	<input type="checkbox"/>
Notice of Intention to Change Plans.....	<input type="checkbox"/>	Subsequent Report of Altering Casing.....	<input type="checkbox"/>
Notice of Intention to Redrill or Repair.....	<input checked="" type="checkbox"/>	Subsequent Report of Redrilling or Repair.....	<input type="checkbox"/>
Notice of Intention to Pull or Alter Casing.....	<input type="checkbox"/>	Supplementary Well History.....	<input type="checkbox"/>
Notice of Intention to Abandon Well.....	<input type="checkbox"/>		<input type="checkbox"/>

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

November 8, 19 88

Gregory
Well No. 44-21 is located 660 ft. from {N} line and 660 ft. from {E} line of Sec. 21
SE SE 21 3N 16E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Summit Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8132 feet.

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.)

SEE ATTACHED APPLICATION FOR PERMIT AND PROCEDURE

RECEIVED
NOV 09 1988

DIVISION OF

OIL, GAS & MINING

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

Company BLUE DIAMOND OIL CORPORATION
Address 2126 SOUTH RIDGEWOOD WAY
BOUNTIFUL, UTAH 84010
By [Signature]
Title PRESIDENT

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.

STATE ACTIONS

Mail to:
RDCC Coordinator
116 State Capitol
Salt Lake City, Utah 84114

-
1. ADMINISTERING STATE AGENCY
OIL, GAS AND MINING
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203
2. STATE APPLICATION IDENTIFIER NUMBER:
(assigned by State Clearinghouse)
-
3. APPROXIMATE DATE PROJECT WILL START:
Upon approval

-
4. AREAWIDE CLEARING HOUSE(S) RECEIVING STATE ACTIONS:
(to be sent out by agency in block 1)
Mountainland Association of Governments

-
5. TYPE OF ACTION: Lease Permit License Land Aquisition
 Land Sale Land Exchange Other _____

-
6. TITLE OF PROPOSED ACTION:
Application for Permit to Drill

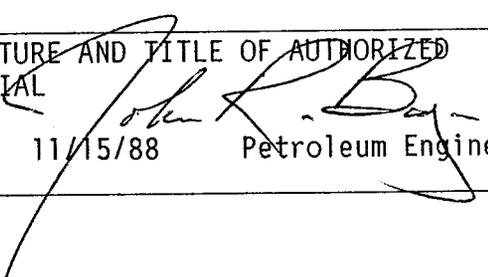
-
7. DESCRIPTION:
Blue Diamond Oil Corporation proposes to reenter a plugged and abandoned well in a wildcat area. The well is the Gregory Well #44-21 located on a private lease in Summit County, Utah. This action is being presented to RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this case and must issue approval to drill before operations can commence.

-
8. LAND AFFECTED (site location map required) (indicate county)
SE/4, SE/4, Section 21, Township 3 North, Range 16 East, Summit County, Utah

-
9. HAS THE LOCAL GOVERNMENT(S) BEEN CONTACTED?
Unknown

-
10. POSSIBLE SIGNIFICANT IMPACTS LIKELY TO OCCUR:
Degree of impact is based on the discovery of oil or gas in commercial quantities.

-
11. NAME AND PHONE NUMBER OF DISTRICT REPRESENTATIVE FROM YOUR AGENCY NEAR PROJECT SITE, IF APPLICABLE:
Jim Thompson, Salt Lake City, 538-5340

-
12. FOR FURTHER INFORMATION, CONTACT: 13. SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL
- John Baza
PHONE: 538-5340
- 
DATE: 11/15/88 Petroleum Engineer

CONFIDENTIAL

OPERATOR Blue Diamond Oil Corp. DATE 11-9-88

WELL NAME Gregory 44-21 (Re-Entry)

SEC SESE 21 T 3N R 110E COUNTY Summit

43-043-20165
API NUMBER

Fee
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well within 920'

Need Water Permit

Presite Requested 11-14-88. Received 11-17-88.

RDCC 11-14-88

Bond was returned 11-16-88 for changes. Received 11-18-88.

APPROVAL LETTER:

SPACING: R615-2-3 _____ UNIT

R615-3-2

_____ CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

1- Water Permit

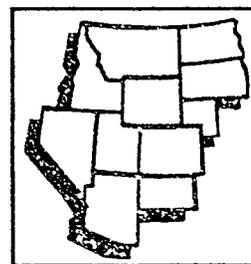
2- Fee Land Stipulation

CONFIDENTIAL
PERIOD
EXPIRED
ON 9-24-90



ROCKY MOUNTAIN

REGION REPORT



NEWSLETTER EDITION

RECEIVED
NOV 14 1988

Vol. 61, No. 219
11-11-88

DIVISION OF
OIL, GAS & MINING

Workover of Remote Summit County Utah Wildcat Planned

BLUE DIAMOND Oil Corp has plans to re-enter a remote dry hole on the southern end of the Moxa Arch in Summit County, Utah and test the Frontier and Dakota zones. The F44-21P Gregory, se se 21-3n-16e, Summit County, was originally completed by Mobil Oil in 1967 as a 16,670-ft dry hole. At that time, a core cut in Dakota at 16,360-16,400 ft found fair porosity and permeability with a trace of gas odor, while a core taken in a shallower Dakota zone at 16,300-16,360 ft yielded a trace of oil odor. The well was not drillstem tested. Log tops, measured from a ground elevation of 8113 ft, include Mesaverde at 10,357 ft, Hilliard 13,550, Frontier 15,890 and Dakota at 16,263 ft.

It's one and a half miles south of the Wyoming border and nearly 10 miles east of Dakota production in Bridger Lake field. Uinta County, Wyoming's Luckey Ditch field, which also produces from Dakota, is seven miles to the west-northwest.

Blue Diamond has applied with the Utah Division of Oil, Gas and Mining for a 40-acre drilling and spacing unit covering the Frontier and Dakota for-

Deep Wildcat Staked in Routt County Colorado

GARY-WILLIAMS Oil Producer will drill an 8000-ft wildcat 17 miles south-southeast of Craig in northwestern Colorado. The 29-10 Wyman, nw se 29-4n-89w, southwestern Routt County, is scheduled to evaluate the hydrocarbon potential of three zones—Mintum (Pennsylvanian), Entrada (Jurassic) and Dakota (lower Cretaceous).

The deep venture is one and a half miles northwest of Pagoda field, a Triassic Shinarump gas pool, and two miles south-southwest of the Meander field discovery, a Shinarump oil producer at about 4000 ft. A little more than six miles to the southwest is Scott Hill field, a Rio Blanco County reservoir operated by Texaco Inc that produces oil from Frontier, Dakota and the Pennsylvanian Weber.

The nearest deep drilling is at a 7052-ft dry hole in nw sw 35-4n-89w, three miles to the southeast. That well was drilled in 1962 and bottomed in granite. Shows of oil were found on a swab test of Shinarump through perforations in the intermediate casing at 4434-48 ft. Log tops, measured from a kelly bushing elevation of 8366 ft, include Dakota at 3232 ft, Entrada 3798, Shinarump 4273, Weber 5050, Morgan 5090 and Granite Wash at 7008 ft. The Gary-Williams wildcat will be drilled from an ungraded ground elevation of 7237 ft.

mations underlying se se 21-3n-16e, Summit County. The company also is asking for a pooling of all interests in the unit and that the unit be dedicated to the Gregory well. The division will consider Blue Diamond's requests at a hearing scheduled on Thursday, December 1. The hearing will begin at 10:00 am in the division's boardroom at 355 West North Temple, 3 Triad Center, Suite

350, in Salt Lake City.

In addition, the division also will consider a request by Phillips Petroleum at the hearing. Phillips is asking for an aquifer exemption for the Dakota and Mowry formations at the 10 Fork-A, 14-3n-14e, Summit County. The company intends to convert the shut-in Bridger Lake field producer into a water disposal well.



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

November 17, 1988

Mr. Bill Shaw
First Security Bank
79 South Main
Salt Lake City, Utah 84110

Dear Mr. Shaw:

Re: Certificate of Deposit for Utah Division of Oil, Gas and Mining

This letter shall notify you that the Utah Division of Oil, Gas and Mining, which is the named owner of Time Certificate of Deposit no. 05 1 100 0996993 in the amount of \$40,000 (forty thousand dollars), grants Blue Diamond Oil Company, account no. M080 134-85917-14, the right of receiving all accrued interest on the certificate of deposit. This shall be effective for as long as the certificate of deposit remains valid or until this Division provides written notice cancelling such arrangement.

Sincerely,

A handwritten signature in black ink, appearing to read "R. J. Firth".

R. J. Firth
Associate Director, Oil and Gas

as/JRB
cc: Blue Diamond Oil Company
D. R. Nielson
Well File ✓
WP37-2

OPERATOR BLUE DIAMOND OIL CORP.
 ADDRESS 2126 S. RIDGEWOOD WAY
BOUNTIFUL, UTAH 84010

OPERATOR CODE N1805
 PHONE NO. ()

ENTITY ACTION FORM - DOGM FORM 6

CONFIDENTIAL

OPERATORS MUST COMPLETE FORM UPON SPUDDING NEW WELL OR WHEN CHANGE IN OPERATIONS OR INTERESTS NECESSITATES CHANGE IN EXISTING ENTITY NUMBER ASSIGNMENT.

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	10954	43-043-20165	GREGORY 44-21	SESE	21	3N	16E	SUMMIT	11-18-88	11-18-88
COMMENTS: ***OPERATOR HAS BEEN UNCOOPERATIVE IN SUBMITTING ENTITY ACTION FORM, THEREFORE I AM AT THIS TIME MAKING AN ASSIGNMENT AFTER REVIEWING LOCATION, ETC. (12-9-88)											
COMMENTS: <i>Fee - Lease Field - Wildcat Not in a Unit</i> <i>Proposed Zone - MRSN (only well in sec. 21, Assign new entity 10954 on 12-9-88. JCR)</i>											
COMMENTS:											
COMMENTS:											
COMMENTS:											
COMMENTS:											

- ACTION CODES:
- A - ESTABLISH NEW ENTITY FOR NEW WELL
 - B - ADD NEW WELL TO EXISTING ENTITY
 - C - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO ANOTHER EXISTING ENTITY
 - D - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO A NEW ENTITY
 - E - OTHER (EXPLAIN IN COMMENTS SECTION)
(SEE INSTRUCTIONS)

L. ROMERO
 SIGNATURE _____
 ADMIN. ANALYST 11-18-88
 TITLE DATE

Blue Diamond

Daily Depths - operations -

Date	Day#	Depth	operation
11-19-88	2	3,230	cleaning out
11-20	3	7,904	Tested 10 3/4 csg - 2300 psi. (OK)
11-21	4	9,720	cleaning out.
11-22	5	11,067	" "
11-23	6	13,164	" "
11-24	7	14,407	oil content in mud inc. 1% to 6% (Included crude oil)
11-25-	8	14,407	work on mud system
11-26	9	15,285	Trip for Bit # 2
11-27	10	15,718	Hole Problems - Raise Dis
11-28	11	15,810	Trip for Plugged Bit. Inc Mud wt
11-29	12	16,170	Mud wt 10.2 (9.6 to 10.2)
11-30	13	16,670	TD (washed out Bridge @ 16,217)
12-1	14	16,670	(sunk in hole @ 16,400) mud wt 10.3 to 8.5 to 10.6
12-2-	15	16,670	Run 5 1/2" csg to 16,563 Cmt w/ 100 sx Poz. Follow w/ 500 sx Class G w/ 30% silica flour. 0.8% Retarder - 3.0% KCL 0.2% Gas Check. Displace w/ 664 Bbls KCL. csg string wt. 310,000 Stack off wt. 220,000 Displaced w/ 664 Bbls KCL Bump plug w/ 3000 psi. Hold (OK)
12-3-	16	10 3/4 csg	Started Down Hole - Gravel Packed & Cemented 10 3/4" csg.
12-4-	17	-	Picked up 4 1/2" Bit Tbg Collars & Tbg String (Tbg - 2 1/8 AB) 7.9# P-105
12-5-88	18	-	Tbg cmt @ 16,445 Press tested to 2,000 psi. (OK) Drilled out cmt PC. Tagged GS @ 16,559.
12-6-88	19	-	POH for Band Log set pump. PKR w/ Tbg guns below.
12-7-88	20	-	Run Band Log - TIT w/ Seal Assy

42,381 50 SHEETS 5 SQUARE
42,382 100 SHEETS 5 SQUARE
42,383 200 SHEETS 5 SQUARE
NATIONAL

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

RE-ENTRY

API NO. 43-043-20165

SPUDDING INFORMATION

NAME OF COMPANY: BLUE DIAMOND OIL CORPORATION

WELL NAME: GREGORY 44-21

SECTION SE 21 TOWNSHIP 3N RANGE 16E COUNTY SUMMIT

DRILLING CONTRACTOR GRACE DRILLING

RIG # 186

SPUDDED: DATE 11/18/88

TIME 7:00 a.m.

HOW ROTARY

DRILLING WILL COMMENCE _____

REPORTED BY MR. McLISH

TELEPHONE # _____

DATE 11/23/88 SIGNED TAS



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

November 21, 1988

Blue Diamond Oil Corporation
2126 South Ridgewood Way
Bountiful, Utah 84010

Gentlemen:

Re: Gregory 44-21 - SE SE Sec. 21, T. 3N, R. 16E - Summit County, Utah
660' FSL, 660' FWL

Approval to re-enter the referenced well is hereby granted in accordance with Rule R615-3-2, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Prior to commencement of reentry operations, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

In addition, the following actions are necessary to fully comply with this approval:

1. Notification of commencement of reentry operations.
2. Submittal of an Entity Action Form within five working days following commencement of reentry operations and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form OGC-8-X.
4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.
6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.

7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

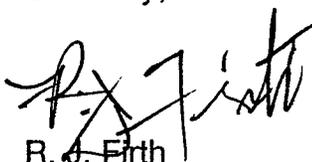
The API number assigned to this well is 43-043-20165.

The approval of the reentry of the subject well is a result of application procedures by Blue Diamond which are not standardly utilized by other drilling applicants in Utah. The Division recognizes the need for expedient review and approval of drilling applications because of time limited contractual obligations of many operators; however, all operators should take into account the time required for proper processing of permit applications when planning for drilling operations in Utah. The following comments and suggestions are made concerning the subject application in the hopes that future submittals by Blue Diamond will be adequate and timely:

1. The information submitted with the APD was brief and not explicit in terms of the proposed reentry drilling plan. Rule R615-3-4 and Rule R615-8-3 of the Oil and Gas Conservation General Rules describe the information and requirements for a complete APD submittal by operators. Specifically, Rule R615-8-3.3 explains the eight point drilling plan which should be included with the APD. After conversations with representatives of Blue Diamond, Division staff members were able to obtain a verbal description of the drilling program, but the rule still requires this information to be submitted in writing with the APD. Blue Diamond should follow this procedure on all future drilling applications.
2. The APD for the reentry procedure was received by the Division on November 9, 1988. Division staff members learned from the representatives of Blue Diamond that location preparation and drilling rig placement had occurred as of November 15, 1988, and reentry operations would commence shortly thereafter. This allowed for very little time for the Division to properly review and process the APD. As explained in subsequent paragraphs, several procedural matters should be resolved before the Division grants approval to drill. Blue Diamond should note that if reentry operations commenced prior to the Division issuing this written approval, then they were operating in violation of state rules and statute.
3. To properly process drilling applications in undeveloped areas (ie. not within a mile of an operational oil and gas field), the Division reviews all such applications with the state Resource Development Coordinating Committee (RDCC). The process of review and comment is normally 20 to 30 days from submittal of the application to the Division. This procedure was initiated by the Division for this application; however, because of time pressures on the operator, the Division has approved the drilling application prior to receiving final comments from the RDCC. This situation may require the Division to amend the approval to drill or it may involve additional effort by the operator to protect certain resource values of the state. Blue Diamond should recognize and allow for such review by RDCC on all future drilling applications.

4. Rule R615-3-18 describes the requirements for an onsite predrill site inspection on state or privately owned lands. This inspection is normally coordinated with the operator to occur prior to surface disturbance and drill rig placement. Upon notification that a drilling rig had been moved onto the Gregory 44-21 location, a Division staff member traveled to the site in order to perform this inspection. Blue Diamond should allow adequate advance notification on future APD submittals to allow for the onsite predrill inspection prior to surface disturbance.
5. Drilling bonds must be established according to certain requirements of the Division in order to protect the state and property owners from adverse circumstances surrounding oil and gas well drilling and operation. Because Blue Diamond did not consult with the Division prior to establishing a bond, several days delay were caused by having to change the drilling bond. On November 18, 1988, a Savings Certificate, No. 051 100 0996993 was finally established with First Security Bank. By letter dated November 17, 1988, the Division allowed for the accrued interest from the savings certificate to be transferred to Blue Diamond. Blue Diamond should ensure that adequate and appropriate bonding is established prior to submittal of any future APD to avoid delays.
6. In processing of the APD, the Division learned that Blue Diamond has not obtained an appropriation for water used in drilling the well from the Utah Division of Water Rights. If Blue Diamond intends to use water from the State of Utah for drilling the well, then a proper water appropriation must be obtained prior to commencement of reentry operations. Blue Diamond should either obtain the necessary water appropriation or submit a written statement to the Division that no Utah water will be used in the reentry operation.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

lr
Enclosures
cc: Branch of Fluid Minerals
D. R. Nielson
WE14/1-3



Norman H. Bangertter
Governor

Dale C. Hatch, C.P.A., J.D.
Director

Michael E. Christensen, Ph.D.
Deputy Director

State of Utah
OFFICE OF PLANNING AND BUDGET

116 State Capitol Building
Salt Lake City, Utah 84114
(801) 538-1027

well file

RECEIVED
DEC 05 1988

DIVISION OF
OIL, GAS & MINING

November 30, 1988

Mr. John Baza
Division of Oil, Gas and Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203

SUBJECT: Blue Diamond Oil Corporation Application for Permit to Drill a Wildcat Well, the Gregory Well #44-21 (re-entry), on a private lease, Summit County
State Application Identifier #UT881115-090

Dear Mr. Baza:

The Resource Development Coordinating Committee of the State of Utah has reviewed this proposed action and the Division of State History comments:

The staff of the Utah State Historic Preservation Office has reviewed our cultural resource files for the above requested project area. There have been no cultural resource sites recorded in the project area because no cultural resource surveys have been conducted. There is a moderate potential for finding archaeological resources in the Gregory Basin because of the low relief and well-watered nature of the basin. The Division of Oil, Gas and Mining can use this information in making any further recommendations on the project.

The above is provided on request as outlined by 36 CFR 800 or Utah Code, Title 63-18-37. The Utah SHPO makes no regulatory requirement in this matter. If you have questions or need additional assistance, please contact Diana Christensen at (801) 533-7039 or 533-6017.

The Committee appreciates the opportunity of reviewing this document. Please address any other questions regarding this correspondence to Carolyn Wright (801) 538-1535.

Sincerely,

Michael E. Christensen

Michael E. Christensen
Deputy Director

MEC/jw



State of Utah
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter
 Governor
 Dee C. Hansen
 Executive Director
 Dianne R. Nielson, Ph.D.
 Division Director

355 West North Temple
 3 Triad Center, Suite 350
 Salt Lake City, Utah 84180-1203
 801-538-5340

Date: 3/27/89

Time: 11:30 am

Number of Pages to Follow: 1

To: Mr. Lee Mueller

Blue Diamond Phone: (303)794-1986

From: John Baza

Phone: _____

Subject: UTAH DIVISION OF OIL, GAS AND MINING REQUIREMENTS FOR
PLUGGING AND ABANDONMENT OF WELL

Remarks: Sent by Terri Carrillo

UTAH DIVISION OF OIL, GAS AND MINING
REQUIREMENTS FOR PLUGGING AND ABANDONMENT OF WELL

Well Name Gregory Fee #44-21
Section 21, T. 3N, R. 16E
Summit County, Utah
March 27, 1989

Reference document: None - telephone conversation between Lee Mueller, consultant and Jim Thompson of DOGM on 3-24-89. P&A procedure developed by John Baza.

1. The operator shall notify the Division of Oil, Gas and Mining at least 24 hours prior to the commencement of plugging operations to allow for witnessing of operations by a Division representative.
2. After rigging up to plug the well, a CIBP shall be set just above the packer currently in the hole at 16,223'. A dump bailer shall be used to drop approximately two sacks of cement on top of bridge plug.
3. Locate free point of 5-1/2" casing (operator estimates free point at approximately 12,000') and cut and pull casing above free point.
4. Spot a 100' balanced cement plug half in and half out of the 5-1/2" casing stub.
5. Spot a 100' balanced cement plug in the open hole at approximately 9500'-9600'.
6. Spot a 100' balanced cement plug half in and half out of the 10-3/4" casing shoe.
7. Spot a 100' balanced cement plug inside the 10-3/4" casing at approximately 3800'.
8. Set a surface plug of 10-15 sacks of cement inside the 10-3/4" casing.
9. Seal all casing annuli at the surface, set the required plug and abandonment marker, and reclaim location as necessary.

OI3/63

RECEIVED
JUN 04 1990

DIVISION OF
OIL, GAS & MINING

June 1, 1990

Mr. Ronald J. Firth
Utah Division of Oil, Gas & Mining
Suite 350
3 Triad Center
Salt Lake City, Utah 84180-1203

Re: **MOBIL GREGORY WELL NO. 1 F44-21**
SESE Sec. 21, T3N, R16E
Summit County, Utah

Dear Mr. Firth:

The subject abandoned well was re-entered in December, 1988 and certain stimulation and testing operations were conducted by Blue Diamond Oil Co. At their request, the reports of this re-entry activity which are required by your office were placed in a "confidential" status and, therefore, withheld from public examination for one year from the date of submittal of the Notice of Completion.

Although more than one year has passed since activity at the well site ceased, I have been informed by your office that the well file is still being held confidential because Blue Diamond has not submitted a Notice of Completion. For that reason, the one-year confidential period has never begun. This situation would seem to abrogate the intent of the regulation regarding the "confidential" status since, apparently, an operator can perpetually withhold well information from the public by simply never filing a Notice of Completion.

The solution relative to the subject well would appear straightforward, but perhaps there are circumstances of which I am not aware. Nonetheless, since Q₂ Exploration, Inc. owns an approximate 11% of the lease on which the well is located, we would appreciate knowing of the Division's position regarding the matter.

Thank you for your assistance.

Yours very truly,

J. Paul Mathias

J. Paul Mathias

JPM:jfm

COPIES SENT TO	
JRB	
SLS	
DTS	

Blue Diamond
160 South Flint
Layton, ut.
84041

GARY SPOUSE
544-3216

8-13-90

BEFORE THE BOARD OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
IN AND FOR THE STATE OF UTAH

---oo0oo---

IN THE MATTER OF THE ORDER	:	SUMMONS
TO SHOW CAUSE ISSUED TO	:	
BLUE DIAMOND OIL CORPORATION	:	DOCKET NO. 90-039
FOR FAILURE TO COMPLY WITH	:	CAUSE NO. 204-3
THE BOARD'S REPORTING	:	
REQUIREMENTS FOR THE GREGORY	:	
F44-21P WELL	:	

---oo0oo---

THE BOARD OF OIL, GAS AND MINING TO BLUE DIAMOND OIL CORPORATION.

You are hereby summoned and required to file a written response to the attached Order to Show Cause with Marjorie L. Anderson, Secretary of the Board, 3 Triad Center, Suite 350, 355 West North Temple, Salt Lake City, Utah, 84180-1203, and to serve upon or mail to Tom Mitchell, Assistant Attorney General, 4120 State Office Building, Salt Lake City, Utah, 84114, by August 10, 1990. A hearing on this matter will be conducted on August 23, 1990, in the boardroom at 3 Triad Center, Suite 301, 355 West North Temple, Salt Lake City, Utah at 10:00 a.m., or as soon thereafter as possible.

If you fail to attend or participate in the hearing, the Board may hold you in default

DATED this ^{31st} 16th day of July, 1990.

STATE OF UTAH
BOARD OF OIL, GAS AND MINING



Gregory P. Williams, Chairman

BEFORE THE BOARD OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
IN AND FOR THE STATE OF UTAH

---oo0oo---

IN THE MATTER OF THE ORDER	:	NOTICE OF HEARING
TO SHOW CAUSE ISSUED TO	:	
BLUE DIAMOND OIL CORPORATION	:	DOCKET NO. 90-039
FOR FAILURE TO COMPLY WITH	:	CAUSE NO. 204-3
THE BOARD'S REPORTING	:	
REQUIREMENTS FOR THE GREGORY	:	
F44-21P WELL	:	

---oo0oo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Board of Oil, Gas and Mining, State of Utah, will conduct a hearing on Thursday, August 23, 1990, at 10:00 a.m., or as soon thereafter in the boardroom of the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 301, Salt Lake City, Utah.

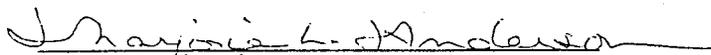
The hearing will be conducted in accordance with Section 40-6, Utah Code Annotated (1953, as amended), Section 63-46b, Utah Code Annotated (1953, as amended), and the Procedural Rules of the Board.

The purpose of the proceeding will be for the Board to receive evidence and testimony and to consider whether it should enter an order requiring Blue Diamond to comply with the reporting requirements of Rule R615-3-6 and Rule R615-3-24 or in the alternative, why the Board should not order the immediate cessation of operations on the Gregory F44-21P Well.

Persons interested in this matter may participate pursuant to the Procedural Rules of the Board. The Request for Agency Action and any subsequent pleadings may be inspected in the office of the undersigned.

Dated this 31st day of July, 1990.

STATE OF UTAH
BOARD OF OIL, GAS AND MINING
Gregory P. Williams, Chairman


/s/ Marjorie L. Anderson
Secretary of the Board
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
(801) 538-5340

BEFORE THE BOARD OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
IN AND FOR THE STATE OF UTAH

---oo0oo---

IN THE MATTER OF THE ORDER : ORDER TO SHOW CAUSE
TO SHOW CAUSE ISSUED TO BLUE
DIAMOND OIL CORPORATION FOR : DOCKET NO. 90-039
FAILURE TO COMPLY WITH BOARD'S : CAUSE NO. 204-3
REPORTING REQUIREMENTS FOR :
THE GREGORY F44-21P WELL

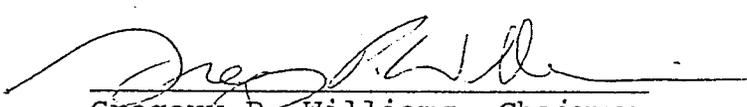
---oo0oo---

Pursuant to Section 40-6-11, Utah Code Annotated (1953, as amended), the Board of Oil, Gas and Mining hereby orders Blue Diamond Oil Corporation to have its representative appear before the Board on August 23, 1990 to show cause as to why the Board should not order Blue Diamond Oil Corporation to comply with Rule R615-3-6, which requires that an operator submit a monthly status report on each drilling well and Rule R615-3-24, which require that an operator file an annual status report when a well has been temporarily abandoned or shut in, or, in the alternative, why the Board should not order the immediate cessation of operations on the Gregory F44-21P Well.

In addition, if the Board findings at the hearing indicate that a violation of the Oil and Gas Conservation General Rules or any permit approval has occurred, the Board may proceed under Section 40-6-11(4)(b), Utah Code Annotated (1953, as amended), to collect civil penalties in the amount of \$10,000 for each day of violation.

DATED this ^{31st}~~16th~~ day of July, 1990.

STATE OF UTAH
BOARD OF OIL, GAS AND MINING


Gregory P. Williams, Chairman

Gregory 44-21

8-13-90

43-043-20165

Gary Sprouse of Blue Diamond came in to the office to see exactly what he needed to submit to meet all division requirements. He was very apologetic that reports hadn't been submitted - He thought his Denver office was properly ~~not~~ taking care of things. He got a copy of our rules and forms. Said he would tell his technical group in Denver to get everything submitted. He said his company may do one more test on this well and is in the process of making another land deal in the area to drill another well. If we have reporting problems in the future, call him personally.

Gary Sprouse

Blue Diamond

160 South Flint

Layton, Utah 84041

544-3216

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File Gregory 44-21

Suspense
(Return Date) _____

Other

(Location) Sec 21 Twp 3N Rng 16E
(API No.) 43-043-20165

(To - Initials) _____

1. Date of Phone Call: 8-15-90 : Time: 10:15 Am

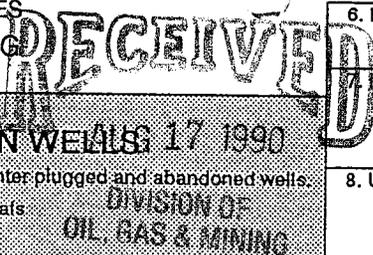
2. DOGM Employee (name) Don Staley (Initiated Call
Talked to:

Name Mack McClish (Initiated Call - Phone No. (303) 534-3052
of (Company/Organization) Blue Diamond

3. Topic of Conversation: Reporting

4. Highlights of Conversation: Mr. McClish wanted to know exactly what to send in. RJF and I decided to instruct him to send in: monthly drilling reports (sundry) just for those months when work was taking place (one or two months); an annual status report effective 12-31-89; a well completion report for the work done to this point. I also advised him to send in the Water Encountered During Drilling Form even though some of it may duplicate Mobil's report for the original drilling of the well. Told him he didn't need to submit an Entity Action Form, but will need to if they drill any more wells. Told him if they do more testing on this well, they should submit a notice of intent (sundry). Told him to send reports to my attention.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING



SUNDRY NOTICES AND REPORTS ON WELLS 17 1990
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT— for such proposals

6. Lease Designation and Serial Number
Fee Lease
Indian Allottee or Tribe Name
8. Unit or Communitization Agreement
9. Well Name and Number Gregory 44-21-P
10. API Well Number 43-043-20165
11. Field and Pool, or Wildcat Wildcat

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other (specify) <u>Wildcat</u>
2. Name of Operator <u>Blue Diamond Oil Corporation</u>
3. Address of Operator <u>160 South Flint Street, Layton, UT 84041</u>
4. Telephone Number <u>801/544-0902</u>
5. Location of Well Footage : <u>660 feet from S line and 660 feet from E line of Section 21</u> County : <u>Summit</u> QQ, Sec, T., R., M. : <u>SE SE 21, 3N, 16E, SLM</u>

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Approx. Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

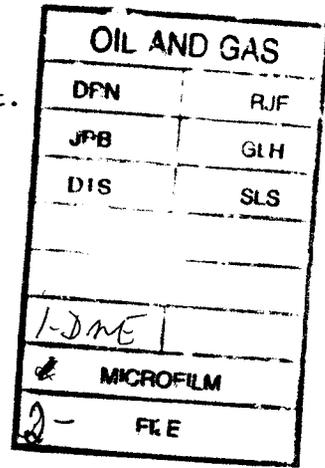
Date of Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

NOVEMBER 1988

- Moved in rotary tools. Cleaned out hole to 16,670 feet.



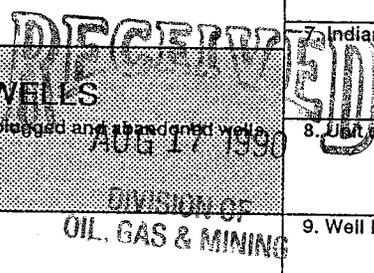
14. I hereby certify that the foregoing is true and correct

Name & Signature [Signature] Title President Date 11/30/88

(State Use Only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number
Fee Lease
7. Indian Allottee or Tribe Name
8. Unit or Communitization Agreement



SUNDRY NOTICES AND REPORTS ON WELLS
 Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
 Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other (specify) <u>Wildcat</u>	
2. Name of Operator <u>Blue Diamond Oil Corporation</u>	
3. Address of Operator <u>160 South Flint Street, Layton, UT 84041</u>	4. Telephone Number <u>801/544-0902</u>
5. Location of Well Footage : <u>660 feet from S line and 660 feet from E line of Section 21</u> County : <u>Summit</u> QQ, Sec, T., R., M. : <u>SE SE 21, 3N, 16E, S1M</u>	

9. Well Name and Number <u>Gregory 44-21-P</u>
10. API Well Number <u>43-043-20165</u>
11. Field and Pool, or Wildcat <u>Wildcat</u>

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Approx. Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

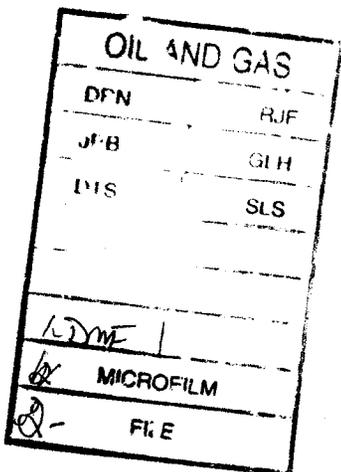
Date of Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
 * Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

FEBRUARY 1989

- Operation suspended. Waiting on weather.



14. I hereby certify that the foregoing is true and correct

Name & Signature [Signature] Title President Date 02/28/89

(State Use Only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number
Fee Lease
7. Indian Allottee or Tribe Name
Unit or Communitization Agreement
9. Well Name and Number Gregory 44-21-P
10. API Well Number 43-043-20165
11. Field and Pool, or Wildcat Wildcat

RECEIVED
AUG 17 1990
DIVISION OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT for such proposals

1. Type of Well
 Oil Well Gas Well Other (specify) Wildcat

2. Name of Operator
Blue Diamond Oil Corporation

3. Address of Operator
160 South Flint Street, Layton, UT 84041

4. Telephone Number
801/544-0902

5. Location of Well
Footage : 660 feet from S line and
660 feet from E line of Section 21 County : Summit
QQ, Sec. T., R., M. : SE SE 21, 3N, 16E, S1M

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Approx. Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
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<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Date of Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
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JANUARY 1989

- Set cast iron bridge plug at 16,390'.
- Perf. 16,321' to 16,355' with 4" guns with 4 32 gram shots per foot.
- Operations suspended 1/24/89.

OIL AND GAS
SEARCHED _____
SERIALIZED _____
INDEXED _____
FILED _____

14. I hereby certify that the foregoing is true and correct

Name & Signature [Signature] Title President Date 01/31/89

(State Use Only)

OIL AND GAS
SEARCHED _____
SERIALIZED _____
INDEXED _____
FILED _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number Fee Lease
7. Indian Allottee or Tribe Name
8. Unit or Communitization Agreement
9. Well Name and Number Gregory 44-21-P
10. API Well Number 43-043-20165
11. Field and Pool, or Wildcat Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS

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AUG 17 1990

1. Type of Well
 Oil Well Gas Well Other (specify) **Wildcat**

2. Name of Operator
Blue Diamond Oil Corporation

3. Address of Operator
160 South Flint Street, Layton, UT 84041

4. Telephone Number
801/544-0902

5. Location of Well
 Footage : **660 feet from S line and 660 feet from E line of Section 21** County : **Summit**
 QQ, Sec. T., R., M. : **SE SE 21, 3N, 16E, SLM**

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Approx. Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
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<input type="checkbox"/> Other _____	

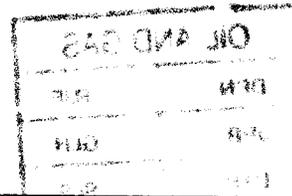
Date of Completion _____

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13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

DECEMBER 1988

- Set 16,560' of 5 1/2" casing, cemented with 600 sax.
- Perf. 16,498' to 16,518' and 16,530' to 16,540' with 4-inch guns with 4 32 gram shots per foot.
- Set cast iron bridge plug at 16,462'.
- Perf. 16,403' to 16,422' with 4" guns with 4 32 gram shots per foot.
- Suspended operation 12/11/88.



14. I hereby certify that the foregoing is true and correct

Name & Signature: *[Signature]* Title: **President** Date: **12/31/88**

(State Use Only)



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number

Fee Lease

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

9. Well Name and Number

Gregory 44-21-P

10. API Well Number

43-043-20165

11. Field and Pool, or Wildcat

Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS
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AUG 17 1990

1. Type of Well
 Oil Well Gas Well Other (specify) Wildcat

2. Name of Operator
Blue Diamond Oil Corporation

3. Address of Operator
160 South Flint Street, Layton, UT 84041

4. Telephone Number
801/544-0902

5. Location of Well
Footage : 660 feet from S line and 660 feet from E line of Section 21 County : Summit
QQ, Sec. T., R., M. : SE SE 21, 3N, 16E, SLM

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other _____
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approx. Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandonment *
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other _____
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

JUNE 1989

- Acidized perfs at 16,268' to 16,276' with 3500 gals 15% HCL.
- Suspended operations pending further work on June 24, 1989.

OIL AND GAS	
DFN	RJF
JPB	GLH
DIS	SLS
I-DNE	
MICROFILM	
FILE	

14. I hereby certify that the foregoing is true and correct

Name & Signature [Signature]

Title President

Date 06/30/89

(State Use Only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number

Fee Lease
7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

9. Well Name and Number

10. API Well Number

11. Field and Pool, or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to re-completing plugged and abandoned wells.
Use APPLICATION FOR PERMIT for such proposals.

AUG 17 1990

1. Type of Well
 Oil Well Gas Well Other (specify)

Wildcat

DIVISION OF
OIL, GAS & MINING

Gregory 44-21-P

2. Name of Operator
Blue Diamond Oil Corporation

3. Address of Operator
160 South Flint Street, Layton, UT 84041

4. Telephone Number
801/544-0902

43-043-20165

Wildcat

5. Location of Well
Footage : 660 feet from NS line and
660 feet from EW line of Section 21 County : Summit
QQ, Sec. T., R., M. : SE SE 21, 3N, 16E, S1M

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other _____
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approx. Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandonment *
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other _____
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of Completion _____

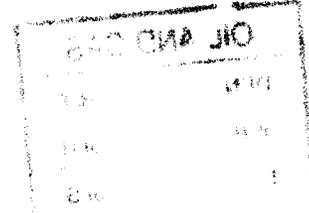
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

MARCH 1989

- Set cast iron bridge plug at 16,284'.
- Perf. 16,268' to 16,276' with 4" guns with 4 32 gram shots per foot.
- Suspended operations from March 11, 1989 to March 29, 1989.
- Ran bottom hole pressure bomb on 3/29/89. Shut in.
- Suspended operations.



14. I hereby certify that the foregoing is true and correct

Name & Signature *[Signature]*

Title President

Date 03/31/89

(State Use Only)



RECEIVED
 AUG 17 1990

REPORT OF WATER ENCOUNTERED DURING DRILLING - FORM 7 (1/89)

DIVISION OF
 OIL, GAS & MINING

UIC
GLH
DEI
BGH
COMPUTER
MICROFILM
FILE

- Well name and number: Gregory 44-21
 API number: 43-043-20165
- Well location: QQ SESE21 section 3N township 16E range 51M county _____
- Well operator: _____
 Address: _____ phone: _____
- Drilling contractor: Grace Drilling
 Address: Denver, CO phone: _____

5. Water encountered (continue on reverse side if necessary)

Depth		Volume (flow rate or head)	Quality (fresh or salty)
from	to		
16,268	16,518	small volume	Slightly brackish

6. Formation tops: See Mobil Oil Report 1967.

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I certify that this report is true and complete to the best of my knowledge.

Name Gary F. Sprouse Signature [Signature]
 Title President Date 8/12/90

Comments:

CONFIDENTIAL

RECEIVED
AUG 17 1990

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING DIVISION OF
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
Fee Lease

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

GREGORY

9. WELL NO.

44-21-P

10. FIELD AND POOL, OR WILDCAT

WILDCAT

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

SE SE Sec 21
T&N RILEE

12. COUNTY

Summit

13. STATE

UTAH

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other Temp ABND

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other TEMP ABND

2. NAME OF OPERATOR

Blue Diamond Oil Corp

3. ADDRESS OF OPERATOR

160 South 71st St - Layton, Utah 84041

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 660' N of 5 line 060 W 6 E line

At top prod. interval reported below

At total depth

COMPL. DATE
TAKEN FROM
C-30-89
REPORT
DTS

14. API NO.

43-043-20165

DATE ISSUED

11/21/88

15. DATE SPUNDED

Reentered
11/18/88

16. DATE T.D. REACHED

11/30/88

17. DATE COMPL. (Ready to prod.)

6-24-89
(Plug & Abd.)

18. ELEVATIONS (DF, RES, RT, GR, ETC.)

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

16,670

21. PLUG BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)

TEMP ABND

25. WAS DIRECTIONAL SURVEY MADE

26. EPPC ELECTRIC AND OTHER LOGS RUN

Cement Bond Log

27. WAS WELL CORED YES NO (Submit analysis)

DRILL STEM TEST YES NO (See reverse side)

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
* 24"	94# x 120#	46'	30"	Cement to surface	None
* 16"	65#	768'	20"	850 SAX	None
* 10 3/4"	40.5#	7605'	13 3/4"	1200 SAX	None
* 5 1/2"	20 x 22#	16,560'	9"	600 SAX	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

16,498' - 16,518'
16,530' - 16,540'
16,403' - 16,422'
16,321' - 16,335'
16,268' - 16,276'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
16,268-16,276	35.00 GALS 15% HCL

33. PRODUCTION

DATE FIRST PRODUCTION TA	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) TA	WELL STATUS (Producing or shut-in) TA					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

[Signature]

TITLE

President

DATE

8/16/90

See Spaces for Additional Data on Reverse Side

(3/89) * SET BY MOBIL OIL CORP.

BLUE DIAMOND OIL CORPORATION

160 South Flint Street • Layton, Utah 84041 • 801/544-3216

RECEIVED
JAN 28 1991

January 23, 1991

DIVISION OF
OIL, GAS & MINING

State of Utah
Dept of Natural Resources
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

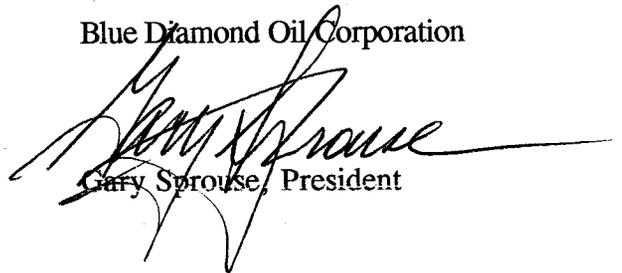
Re: Sundry Notice for Gregory 44-21-P

Gentlemen:

Please find enclosed a well report for the above-referenced well. If anything additional is required, please advise.

Very truly yours,

Blue Diamond Oil Corporation



Gary Sprouse, President

GFS/ea
Enclosure

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

RECEIVED
JAN 28 1991
OIL GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT— for such proposals.

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other (specify) Wildcat		6. Lease Designation and Serial Number Fee Lease
2. Name of Operator Blue Diamond Oil Corporation		7. Indian Allottee or Tribe Name
3. Address of Operator 160 South Flint Street, Layton, UT 84041		8. Unit or Communitization Agreement MINING
4. Telephone Number 801/544-0902		9. Well Name and Number Gregory 44-21-P
5. Location of Well Footage : 660' FSL, 660' FEL of Section 21 County : Summit QQ, Sec. T., R., M. : SE SE 21, 3N, 16E, SLM		10. API Well Number 43-043-20165
		11. Field and Pool, or Wildcat Wildcat TA

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment	<input type="checkbox"/> Abandonment *
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Casing Repair
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Conversion to Injection
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Fracture Treat
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Fracture Treat
<input type="checkbox"/> Other _____	<input type="checkbox"/> Other _____
<input type="checkbox"/> New Construction	<input type="checkbox"/> New Construction
<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Water Shut-Off	

Approx. Date Work Will Start _____

Date of Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

1990

- Operations suspended from January through December 1990.

14. I hereby certify that the foregoing is true and correct

Name & Signature: *[Signature]* Title: President Date: 12/31/90

(State Use Only)

BLUE DIAMOND OIL CORPORATION

P.O. Box 540666 • North Salt Lake, Utah 84054 • 801/544-0902

February 15, 1993

RECEIVED

FEB 17 1993

**DIVISION OF
OIL GAS & MINING**

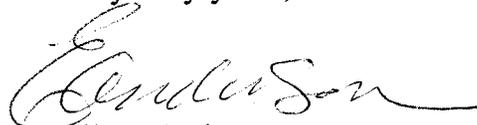
State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
3 Triad Center, Suite 400
Salt Lake City, UT 84180-1203

Re: Sundry Report: Gregory 44-21-P

Gentlemen:

Please find enclosed the Sundry Notice and Well Report for the Gregory 44-21-P.

Very truly yours,


Eileen Anderson

/ea
Enclosure

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number
Fee Lease

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

SUNDRY NOTICES AND REPORTS ON WELLS

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Use APPLICATION FOR PERMIT for such proposals.

1. Type of Well
 Oil Well Gas Well Other (specify) Wildcat

9. Well Name and Number
Gregory 44-21-P

2. Name of Operator
Blue Diamond Oil Corporation

10. ARI Well Number
43-043-20165

3. Address of Operator
PO Box 540666, North Salt Lake, UT 84041

4. Telephone Number
801/544-0902

11. Field and Pool, or Wildcat
Wildcat

5. Location of Well
 Footage : 660 feet from S line and
 : 660 feet from E line of Section 21 County : Summit
 QQ, Sec. T., R., M. : SE SE 21, 3N, 16E, S1M

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other _____
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approx. Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandonment *
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other _____
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

1992

Plan to plug and abandon as soon as roads are passable.

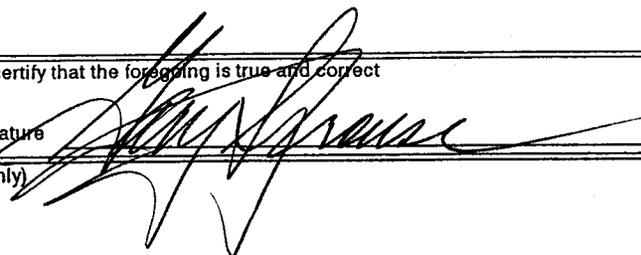
RECEIVED

FEB 17 1993

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature



Title President

Date 12/31/92

(State Use Only)

Lease: GREGORY
Well #: 44-21

API #: 43-043-20165-
Location: Sec 21 Twn 3N Rng 16E
County: SUMMIT
State: UTAH
Field: WILDCAT
Operator: BLUE DIAMOND OIL CORP

Spud Date: 12/31/1966 Comp Date: 06/15/1967
KB: 8129 ELEV: 8113
TD: 16670 PBD: 16294

Depth	Casing / Description	Start	End	Size	Length	Description
0	1	0.0	46.0	30.000	46.0	Hole: CONDUCTOR
830	2	0.0	46.0	24.000	46.0	Casing: 94 AND 120# CASING
1660	2	0.0	46.0		46.0	Cement: CEMENT TO SURFACE
2490	2	46.0	768.0	20.000	722.0	Hole: SURFACE
3320		0.0	768.0		768.0	Cement: 850 SX CEMENT
4150		0.0	768.0	16.000	768.0	Casing: 65# SURFACE
4980		768.0	7605.0	13.750	6837.0	Hole: INTERMEDIATE
5810		4313.0	7605.0		3292.0	Cement: 800SX CMT W/2% GEL AND 12% SALT FOLLOWED W/400SX CMT W/12% SALT
6640	3	0.0	7605.0	10.750	7605.0	Casing: 40.5 # INTERMEDIATE
7470	3	0.0	16200.0	2.500		
	4	16200.0	16223.0	5.500		Packer: OTIS VERSA-TRIEVE
		16228.0	16268.0	5.0		Perf:
		16276.0	16294.0	8.0		Perf:
13360		16294.0	16298.0	5.500		Plug: CIBP
13720		16298.0	16321.0	4.0		Perf:
14080		16321.0	16335.0	14.0		Perf:
14440		16335.0	16390.0	5.500		Plug: CIBP
14800		16390.0	16394.0	4.0		Perf:
15160		16394.0	16403.0	9.000		Perf:
15520		16403.0	16422.0	4.0		Perf:
15880		16422.0	16462.0	19.0		Perf:
16240		16462.0	16466.0	5.500		Plug: CIBP
		16466.0	16498.0	4.0		Perf:
		16498.0	16518.0	20.0		Perf:
		16518.0	16530.0	12.0		Perf:
		16530.0	16540.0	10.0		Perf:
		16540.0	7605.0	9.000		Hole: PRODUCTION
		16560.0	15326.0	8955.0		Cement: 600 SX CMT TOC PER BOND LOG
		16560.0	16560.0	1234.0		Casing: 20 AND 23# PRODUCTION CSG
		0.0	16560.0	5.500		Casing: 20 AND 23# PRODUCTION CSG

*Top wasatch 24394
put
Borehole ply across
top of wasatch.*

*Top of Millhead
12600
from log*

8300-13000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		3. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Blue Diamond Oil Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR PO Box 540666, N. Salt Lake, Utah 84054		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FSL, 660' FEL (SE 1/4 SE 1/4)		8. FARM OR LEASE NAME Gregory
14. API NUMBER 43-043-20165		9. WELL NO. 44-21
15. ELEVATIONS (Show whether of. ht. or. etc.) 8113' G.L., 8129' K.B.		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA Sec. 21, T3N, R16E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

It is proposed to plug and abandon the well according to the attached procedure. A wellbore sketch of the current downhole conditions is attached.

- Plug #1: 16,100'-16276' - Tag Plug.
 - Plug #2: 50 ft inside and 50 ft on top of casing stub.
 - Plug #3: 50 ft below and 50 ft into 10-3/4" casing at 7605'.
 - Plug #4: 50 ft surface plug inside 10-3/4" casing and between 10-3/4" and 16" casing.
- Regulation marker, 9.5-10ppg mud between plugs.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 5-13-93
BY: JAD Jattless
as per attached slips
RECEIVED APR 26 1993
DIVISION OF OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED: J. D. Jattless TITLE: Engineer DATE: _____

(This space for Federal or State office use)

APPROVED BY: _____ TITLE: _____ DATE: _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

PLUG AND ABANDONMENT PROCEDURE

GREGORY WELL #44-21

1. Move in and rig up service unit with a minimum hook load of 280,000 pounds. A flat tank and pump will be required along with 5000 psi working pressure blowout prevention equipment and casing jacks.
2. Bleed off well pressure if any and remove tree. Install BOP's and pull tubing hanger. Pick up sufficient tubing (1 Jt..) and prepare to sting into packer at 16,223 feet. Circulate hole with 10 ppg mud.
3. Rig up cementer and spot 50 sacks of regular cement containing additives for a BHST of 250°F. Sting into packer and squeeze interval from 16,268-16,276 feet. Leave sufficient cement in tubing to spot 100 feet of cement on top of packer. If unable to pump into perforations at a maximum pressure of 3000 psig, spot all cement on top of ~~pecker~~ packer. Pull up and WOC. Tag plug.
4. Pull 2-7/8" AB-DSS 7.9# p-105 tubing. Strip off tubing spool and pull casing slips using a spear. Run free point and determine depth casing is free. Cement top is at 15,325 and plan to try to recover 15,000 feet.
5. After pulling casing, run tubing and spot 50 feet of regular cement with additives inside and 50 feet above casing stub. Pull tubing to 7650 feet.
6. Place 50 feet of regular cement below and 50 feet up into 10-3/4" casing at 7605 feet.
7. Pull tubing and cut off wellhead. Place 50 feet of regular cement inside of 10-3/4" casing 16" conductor at surface.
8. Install regulation dry hole marker and clean up location. Rehabilitation will be done according to surface agreement.

BLUE DIAMOND GREGORY WELL # 44-21

8129' K.B

GL. 8113'

LOCATION: 660' FSL, 660' FEL, SEC. 21,
T3N, R16E, SUMMIT COUNTY, UTAH

FORMATION TOPS:

FORMATION	SURFACE
QUATERNARY	SURFACE
WASATCH	4394'
FORT UNION	7687'
MESAVERDE	10,357'
HILLIARD	13,554'
FRONTIER	15,892'
MOWRY	15,988'
DAKOTA	16,267'
MORRISON	16,540'

24" CSG @ 46'
CMTD TO SURFACE

16" 65# CSG @ 768"
W/ 850 SACKS

10 3/4" 40.5# CSG @ 7605'
W/ 1200 SACKS

2 7/8" IDSS 7.97 P105 TUBING

TOC 15,325

PACKER @ 16,223
OHS VERSITRIEVE

CIBP @ 16,284
W/ CEMENT

CIBP @ 16,390
W/ CEMENT

CIBP @ 16,462
W/ CEMENT

5 1/2" 20# + 23# N-80,
S-95, + P.110 CSG @ 16,560
W/ 600 SACKS.

16,268'
16,276'
16,321'
16,355'
16,403'
16,422'
16,498'
16,518'
16,530'
16,540'

— ACIDIZED W/ 3500 GAL
15% HCl

16,670'

**Stipulation for Plugging
Gregory 44-21
Sec. 21, T3N, R16E
Summit County, Utah
API No. 43-043-20165**

1. Notify DOGM 24 hours prior to beginning plugging operations.
2. Set plug #1 as proposed 16,100' to 16,276', tag plug. Make sure top of plug is above Dakota top in order to isolate Dakota from Frontier.
3. If csg is cut and cannot be pulled, cement will have to be placed across the cut.
4. A 100' balanced cement plug will be placed from \pm 4344' to \pm 4444' inside 10 3/4" top of the Wasatch. Tag plug.

JAM

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		3. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Blue Diamond Oil Corporation		4. IF INDIAN ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR PO Box 540666, N. Salt Lake, Utah 84054		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any state requirements. See also space 17 below.) At surface 660' FSL, 660' FEL (SE 1/4 SE 1/4)		8. FARM OR LEASE NAME Gregory
5. API NUMBER 43-043-20165		9. WELL NO. 44-21
6. ELEVATIONS (Show whether of. ft. or sea.) 8113' G.L., 8129' K.B.		10. FIELD AND POOL, OR WILDCAT Wildcat
11. COUNTY OR PARISH Summit		11. SEC. T. R. M. OR ALL, AND SURVEY OR AREA Sec. 21, T3N, R16E
12. STATE Utah		

RECEIVED

SEP 07 1993

DIVISION OF OIL, GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

WELL ABANDONED AS FOLLOWS:

Plug #1 - 50 sx Class G plus 0.5% retarder. Set plug at 15,800'-16,223' and tagged plug at 16,020 feet.

Plug #2 - 25 sx Class G plus 0.5% retarder. Set plug 12,958-13,058 feet.

Plug #3 - 25 sx Class G plus 0.5% retarder. Set plug 9439'-9,539 feet.

Plug #4 - 30 sx Class G set between 6450'-6554 feet. 5 1/2" casing cut off at 6500' & removed.

Plug #5 - 65 sx Class G set between 4244'-4444 feet. Tagged plug at 4300 feet.

Surface plugs - Circulated cement to surface with Class G in 10-3/4" from a depth of 50 feet Cemented around 10-3/4"-16" casing annulus with 20 sx Class G. Installed regulation marker and cleaned up location.

Operations complete 8/20/93.

18. I hereby certify that the foregoing is true and correct

SIGNED John L. Gerd TITLE Engineer DATE August 26, 1993

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL [] GAS WELL [] DRY [X] Other []

b. TYPE OF COMPLETION: NEW WELL [] WORK OVER [] DEEP-EN [] PLEG BACK [] DIFF. RESVR. [] Other Re-entry

2. NAME OF OPERATOR Blue Diamond Oil Corporation

3. ADDRESS OF OPERATOR P.O.Box 540666, North Salt Lake, Utah 84054

4. LOCATION OF WELL Report location clearly and in accordance with any State requirements. At surface 660' FSL, 660' FEL (SE 1/4 SE 1/4)

At top prod. interval reported below

At total depth

14. PERMIT NO. 43-043-20165 DATE ISSUED SEP-07-1993

DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Gregory

9. WELL NO. 44-21

10. FIELD AND POOL, OR WILDCAT Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 21, T3N, R16E

12. COUNTY OR PARISH Summit 13. STATE Utah

15. DATE SPUDDED 11/19/88 16. DATE T.D. REACHED 11/30/88 17. DATE COMPL. (Ready to prod.) P X A 8-20-93 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 8113' GL, 8129' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 16,670' 21. PLUG. BACK T.D., MD & TVD P X A 22. IF MULTIPLE COMPL., HOW MANY* P X A 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota 16,267'-16,540' DK-MR P X A

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma-Ray Cement Bond Log 12-12-88 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

Table with columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Rows include 24", 16", 10 3/4", and 5 1/2" casing sizes.

29. LINER RECORD and 30. TUBING RECORD. Columns include SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD).

31. PERFORATION RECORD (Interval, no. and number) and 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Includes perforation intervals like 16,498'-16,516' and 16,530'-16,540'.

33. PRODUCTION. DATE FIRST PRODUCTION P X A, PRODUCTION METHOD P X A, WELL STATUS (Producing or shut-in) P X A.

Table for production data: DATE OF TEST, HOURS TESTED, CHOKER SIZE, PROD'N. FOR TEST PERIOD, OIL—BBL., GAS—MCF., WATER—BBL., GAS-OIL RATIO.

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. LIST OF ATTACHMENTS All Intervals Tested and found to be Non-Productive

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. SIGNED [Signature] TITLE ENGINEER DATE 9/3/93

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; COSED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Plug #1---Packer set at 16,223'. Set 50 Sack plug of Class G cement with 0.5% Retarder from 15,800'-16,223'. Tagged plug @ 16,020'.			
Plug #2---Cut 5½" casing at 13,000 and unable to pull. Set 25 sack plug of Class G cement with 0.5% Retarder between 12,958' and 13,058'.			
Plug #3---Cut 5½" casing at 9500' and unable to pull. Set 25 sack plug of Class G cement with 0.5% Retarder between 9439' and 9539'.			
Plug #4---Cut 5½" casing at 6500' and pulled. Set 30 sack Class G cement plug between 6450' and 6554'.			
Plug #5---Set 65 sack Class G plug between 4244' and 4444'. Tagged plug at 4300'.			
Surface Plug---Circulated Class G cement from 50' to surface. Unable to cement 16"-10 3/4" casing annulus due to 3ft or more cement plug set in cellar. Obtained permission and set another 20 sack plug around cellar of Class G cement covering about 18" more.			
Installed regulation Marker and operations complete on 8/20/83			
	NAME	MEAS. DEPTH	TOP
	Quaternary	Surface	
	Masatch	4394'	
	Fort Union	7687'	
	Mesaverde	10,357'	
	Hilliard	13,554'	
	Frontier	15,892'	
	Mowry	15,988'	
	Dakota	16,267'	
	Morrison	16,540'	
	TOTAL DEPTH	16,670'	

MEMO TO FILE

December 15, 1993

TO: Well File

FROM: Brad Hill, Reclamation Specialist III



RE: Wellsite Restoration, Blue Diamond Oil Corporation, Gregory
44-21, Sec. 21, T3N, R16E, Summit County, Utah

On Monday, December 6, I received a message from Ron Firth which stated that I was to call Gary Sprouse to discuss the reclamation of the 44-21 well site. I called Blue Diamond's office and was informed that Mr. Sprouse was not in and left a message for him to call me so that we could discuss the reclamation work. Tuesday, Blue Diamond's dirt contractor called and informed me that they would be moving equipment to the location to begin work at the site. I asked him to have a representative from Blue Diamond call me to discuss their plan. I also told him that our minimum requirements for regrading the location would be that the regraded location should match the surrounding topography as close as was reasonably possible. On Friday, December 10, Mr. McLish from Blue Diamond called and informed me that they were finished with the reclamation work on the 44-21 well. I told Mr. McLish that I would visit the site and evaluate the reclamation. No call was ever received from Blue Diamond to discuss their plan or the Division's requirements for reclamation.

An onsite visit was made on Tuesday, December 14, to evaluate the "reclaimed" location. I was met at the location by Mr. Gino Foianini, the surface owner. The well site is located in an irrigated pasture which slopes to the north into a small lake. Vegetation in the pasture consists of short grasses and occasional thistles. An access road, approximately 100-200 yards long, extends from a gate, straight downhill to the well site. The reserve pit had been filled in and the location had been regraded. The grading was not done such that it could be returned to use as irrigated pasture. A high area was left over the buried reserve pit which must be changed to match the surrounding slope before it can be irrigated. An apparent low area is located on the south side of the pad which will probably fail to drain properly. Many large (diameter > 1') clods of compacted soil are scattered over the entire location which must be broken up before the location can be reseeded. The upper portion of the access road is low along the center line and will probably cause gully type erosion with no mitigation. The access road also cut an irrigation ditch which should be replaced. A minor amount of junk is still on location which consists of rusted buckets, a pipe and the remains of a shaker screen, all of which should be removed. Photographs of the site were taken and will be placed on file.

It is my opinion that the reclamation of the well site is not complete and that further work should be required. I recommend that further grading take place to restore the site to a such a state that it can be irrigated properly and that the upper portion of the access road be graded to fill the low center. The irrigation ditch should be replaced where it crosses the access road and that two or three water bars be placed across the road to prevent downhill erosion. The large clods of dirt should be broken up and the entire location should be disked or harrowed to prepare the ground for reseeding. A suitable seed mix for pasture vegetation should then be drilled or broadcast over the disturbed area.

cc:

Gil Hunt
Frank Matthews
Ron Firth

MEMO TO FILE

January 5, 1994

TO: Well File

FROM: Brad Hill, Reclamation Specialist III

RE: Wellsite Restoration, Blue Diamond Oil Corporation, Gregory
44-21, Sec. 21, T3N, R16E, Summit County, Utah

On Tuesday, January 4, Dan Jarvis and I met with Gary Sprouse and his dirt contractors at the above mentioned location. We supervised the regrading of the location and discussed further needs for site reclamation. The site is now graded in a satisfactory manner and water bars have been placed across the access road. In order for the reclamation of this site to be completed it must now be seeded. Blue Diamond will check on the seed mixture requested by the land owner and DOGM should be given notice before seeding occurs.

cc:

Gil Hunt
Frank Matthews
Ron Firth

MEMO TO FILE

August 17, 1994

TO: Well File 

FROM: Brad Hill, Reclamation Specialist III

RE: Wellsite Restoration, Blue Diamond Oil Corporation, Gregory
44-21, Sec. 21, T3N, R16E, Summit County, Utah

43-043-20165

On Tuesday, August 16, I met with representatives of Blue Diamond Oil at the above mentioned location. The purpose of this meeting was to observe reseeding operations for the completion of the reclamation at the Gregory location. A seed mixture, which had been specified by the land owner, was broadcast over the pad area and the access road. The entire area was then gone over lightly with a disk and harrow to work the seed into the surface of the ground. This operation should conclude the reclamation of the Gregory location and I recommend that the remaining portion of the bond be released.

cc:

Gil Hunt
Frank Matthews
Ron Firth

MEMO TO FILE

August 17, 1994

TO: Well File

FROM: Brad Hill, Reclamation Specialist III

RE: Wellsite Restoration, Blue Diamond Oil Corporation, Gregory
44-21, Sec. 21, T3N, R16E, Summit County, Utah

On Tuesday, August 16, I met with representatives of Blue Diamond Oil at the above mentioned location. The purpose of this meeting was to observe reseeding operations for the completion of the reclamation at the Gregory location. A seed mixture, which had been specified by the land owner, was broadcast over the pad area and the access road. The entire area was then gone over lightly with a disk and harrow to work the seed into the surface of the ground. This operation should conclude the reclamation of the Gregory location and I recommend that the remaining portion of the bond be released.

cc:

Gil Hunt
Frank Matthews
Ron Firth