

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Ironwood Exploration Inc. *ATTN: RICHARD MARKEY 943-2490*

3. ADDRESS OF OPERATOR
 7069 So. Highland Drive, #201, Salt Lake City, Utah 84121

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 2273' FNL & 564' FWL
 At proposed prod. zone
 Upper Wasatch-Lower Green River

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 18 miles SE of Duchesne, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
 (Also to nearest drilg. unit line, if any)
 564'

16. NO. OF ACRES IN LEASE
 160

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 0

19. PROPOSED DEPTH
 6500'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 Gr 5870

5. LEASE DESIGNATION AND SERIAL NO. *FEE*
 8-58416-00, 8-58416-01, 8-58416-02

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FIRM OR LEASE NAME
 Ute Tribal FEE LEASE

9. WELL NO.
 12-5

10. DESIGN AND FOOT, OR WILDCAT
 Undesignated

11. SEC., T., R., M., OR BLM. AND SURVEY OR ABWA
 Sec. 12, T5S, R4W

12. COUNTY OR PARISH 13. STATE
 Duchesne Utah

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 |
|--------------|----------------|-----------------|---------------|--------------------|
| 12 1/2 | 8 5/8 | 24 | 400 | To surface |
| 7 7/8 | 5 1/8 | 15.5 | TD | As required |

Ironwood would like to request an exception of location due to topography. The adjacent lease owners have approved this location of: 2273' FNL and 564' FWL, Section 12, T5S, R4W.

18. 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 proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

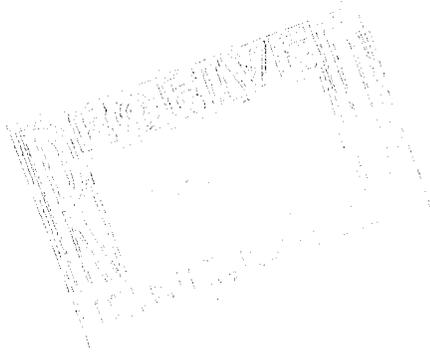
24. SIGNED Richard D. Pender TITLE Exploration Manager DATE November 29, 1983

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

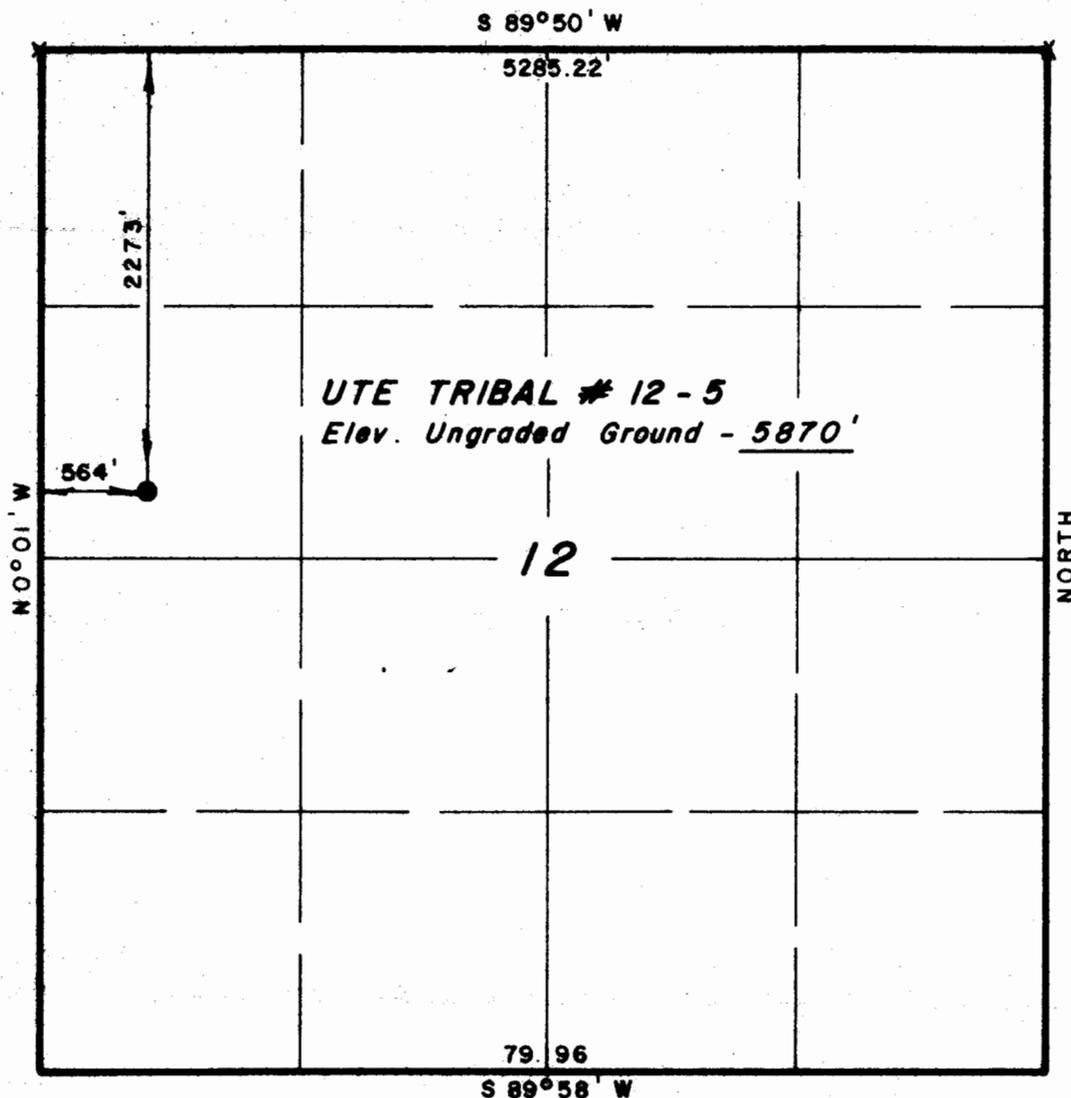
CONDITIONS OF APPROVAL, IF ANY:



T5S, R4W, U.S.B.&M.

PROJECT
IRONWOOD EXPLORATION

Well location, *UTE TRIBAL #12-5*,
located as shown in the SW1/4 NW1/4,
Section 12, T5S, R4W, U.S.B.&M.,
Duchesne County, Utah.



X = Section Corners Located



CERTIFICATE

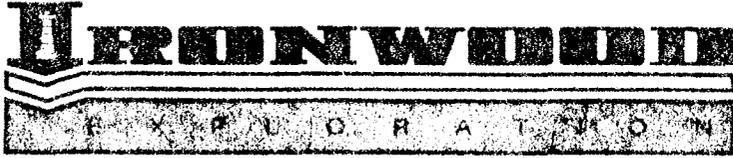
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Richard J. ...

REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

| | | | |
|---------|------------|------|------------------------|
| SCALE | 1" = 1000' | DATE | 11/3/83 |
| PARTY | GS, RT | JH | REFERENCES GLO PLAT |
| WEATHER | FAIR | FILE | IRONWOOD |



Ironwood Exploration Company
Ute Tribal #12-5
SW/NW Section 12, T5S, R4W
Duchesne County, Utah

7069 SOUTH HIGHLAND DRIVE SALT LAKE CITY, UTAH 84121 (801) 943-2490

TEN POINT WELL PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

| | |
|-------------|---------|
| Uinta | Surface |
| Green River | 912' |
| Wasatch | 5937' |

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERIALS:

Green River formation
Wasatch formation

4. PROPOSED CASING PROGRAM:

8 5/8", J-55, 24#; set at 400'
5 1/2", J-55, 15 1/2#, STC; set at TD
All casing will be new

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specifications for pressure control equipment are as follows: A 10" series 900 Hydril Bag type BOP and a 10" Double Ram hydraulic unit with a closing unit will be utilized. Pressure tests of BOP's to 1000# will be made prior to drilling surface plug and operations will be checked daily (see exhibit A).

6. TYPE AND CHARACTERISTICS OF PROPOSED CIRCULATION MUDS:

It is proposed that the hole be drilled with fresh water to the Douglas Creek zone and with mud thereafter. The mud system will be a water based gel-chemical, weighted to 10.0 ppg as necessary for gas control.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be a kelly lock, bit float and a TIW valve with drill pipe threads.

8. TESTING, LOGGING AND CORING PROGRAMS:

No coring or drill stem testing has been scheduled for this well. The logging will consist of a Dual Induction Laterolog and a compensated Neutron-format density.

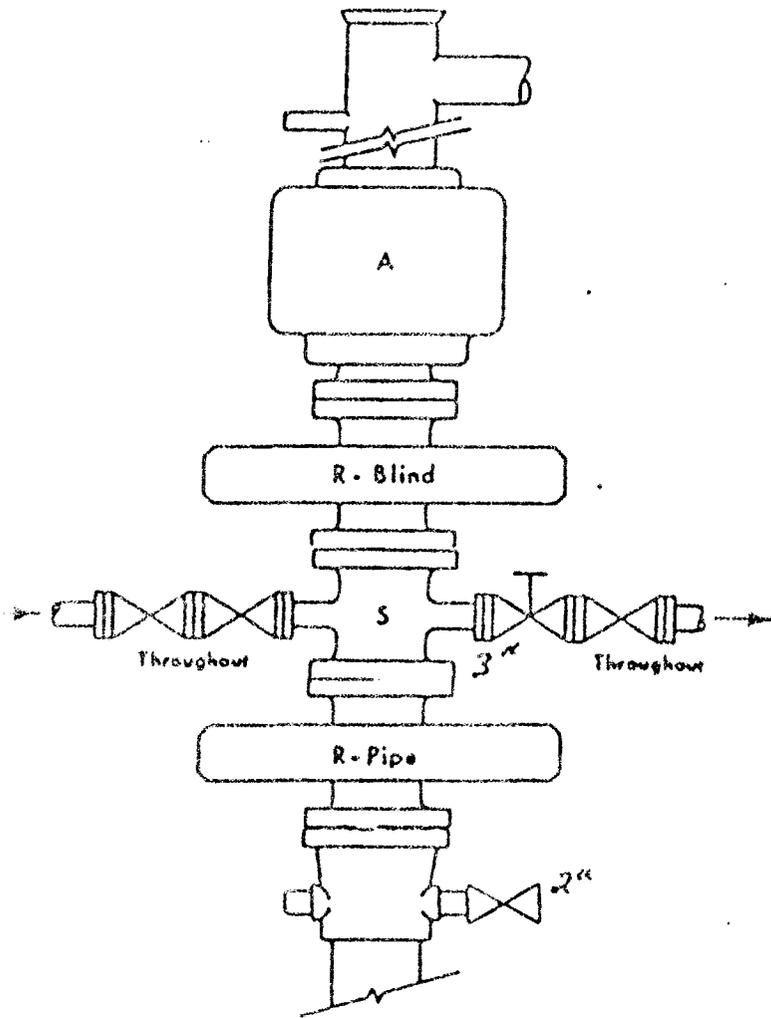
9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

It is not anticipated that abnormal pressures or temperatures will be encountered; nor any other abnormal hazards such as H₂S gas will be encountered in this area.

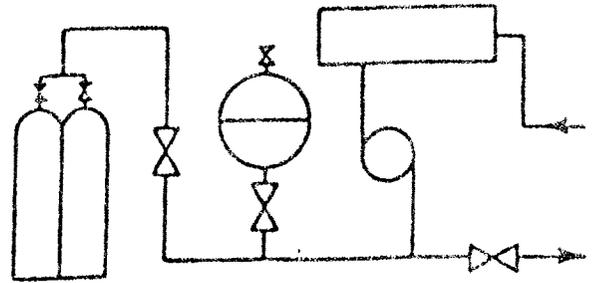
10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that operation will commence approximately December 21, 1983.

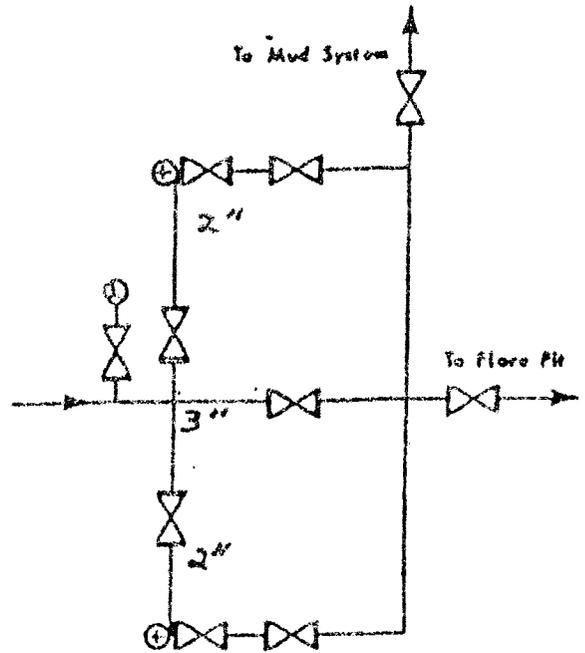
PRESSURE RATING
3,000 psi



BLOWOUT PREVENTION STACK



ACCUMULATOR SYSTEM



Flanged Connections Throughout
MANIFOLD SYSTEM

IRONWOOD

EXPLORATION

7069 SOUTH HIGHLAND DRIVE SALT LAKE CITY, UTAH 84121 (801) 943-2490

December 1, 1983

Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Attn: Norm Stout

Dear Norm,

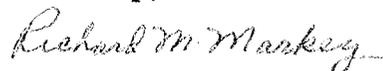
I spoke with your secretary on Thursday December 1st, and she asked for additional information on our Application for Permit to Drill.

1. Ironwood is filing for an exception of location for well 12-5, T5W, R4W, Section 12.
2. Ironwood owns control of all oil and gas leases within a 660' radius, with the exception of Burton/Hawks, Inc., (to the west).
3. Enclosed is a letter stating that Burton/Hawks has no objections to the location as staked.
4. Topographic reasons are as follows:
 - a) To the east we have both an dedicated road and an archeological sight.
 - b) To the south there is a deep wash or ravine
 - c) And to the north and northwest there is a hillside.

If you would please add this letter and the one from Burton/Hawks to our APD it would be most appreciated.

If you need any additional information, please feel free to call me.

Sincerely,



Richard M. Markey
Consulting Geologist

RMM/hss

3003 LBJ FREEWAY
SUITE 129, DALLAS TEXAS 75234
214-484-8668

8866 SCENIC HIGHWAY
PENSACOLA, FLORIDA 32504
904-476-4149



BURTON/HAWKS, INC.

First Interstate Building
P.O. Box 359
Casper, Wyoming 82602
307/234-1593

November 29, 1983

Ironwood Exploration
7069 S. Highland Drive
Salt Lake City, UT 84121

Attn: Richard Markey

Re: Ute Tribal 12-5
T5S, R4W, USM
Section 12: SW $\frac{1}{4}$
564 FWL, 2273 FNL

Gentlemen:

Burton/Hawks, as an interest owner in the above described section, has no objection to Ironwood's drilling a well at the above referenced and described location.

You have advised us that this is an exception location pursuant to the Rules and Regulations Governing Well Location Under the Laws of Utah. Further you advised us you are requesting this exception location due to topographic restrictions.

Sincerely yours,

BURTON/HAWKS, INC.

Bruce A. Studer
Vice President - Land

Gulf Oil Exploration and Production Company

W. R. Wimbish
MANAGER LAND, ROCKY MOUNTAIN DISTRICT

P. O. Box 2619
Casper, WY 82602

November 9, 1983

Ironwood Exploration
7069 South Highland Drive
Salt Lake City, Utah 84121

Attention: Mr. Arden A. Anderson

Re: Farmout Agreement
S. E. Duchesne
Sec. 12-5S-4W
Duchesne County, Utah

Gentlemen:

Enclosed are two bound and one unbound copies of the captioned Farmout Agreement, Please check this Agreement carefully, and if it meets with your approval, please execute and return the two bound copies to this office. We will furnish you a fully executed copy upon execution by Gulf.

If you have any questions concerning this trade, please contact Mr. Jeff Niemeyer at (307) 235-1311.

Very truly yours,

W. R. Wimbish

By *Catharine G. Lawson*
C. G. Lawson

CGL/lrs

Enclosures

cc: Ironwood Exploration w/copy of Agreement
8866 Scenic Highway
Pensacola, Florida 32504

Ironwood Exploration w/copy of Agreement
3003 LBJ Freeway, Suite 129
Dallas, Texas 75234



A DIVISION OF GULF OIL CORPORATION

FARMOUT AGREEMENT

THIS AGREEMENT, made and entered into this 19th day of October, 1983, by and between GULF OIL CORPORATION, acting through GULF OIL EXPLORATION AND PRODUCTION COMPANY, a Division of GULF OIL CORPORATION, Post Office Box 2619, Casper, Wyoming 82602, hereinafter referred to as "Gulf", and IRONWOOD EXPLORATION, 7069 South Highland Drive, Salt Lake City, Utah 84121, hereinafter referred to as "Ironwood",

W I T N E S S E T H :

That,

WHEREAS, Gulf represents that it is the owner of a leasehold interest under the oil and gas leases as described in Exhibit 1 attached hereto; and

WHEREAS, Gulf agrees that Ironwood may acquire an interest in said oil and gas leases insofar as they cover the lands described in Exhibit 1, which lands are sometimes hereinafter referred to as the "Lease Acreage", under the terms and conditions set forth.

NOW, THEREFORE, in consideration of the mutual covenants and agreements hereinafter set forth, it is agreed by and between the parties hereto as follows, to-wit:

1. Titles. Gulf does not warrant title to its interest in the Lease Acreage but agrees, upon request, to furnish Ironwood such abstracts of title, title opinions, and other title papers as it may have in its files. Ironwood may conduct such title examination and undertake such curative measures as it deems necessary, all at Ironwood's sole risk and expense, and shall promptly furnish Gulf, free of cost, copies of the results of such examinations or curative measures. Ironwood shall not, however, institute litigation in Gulf's name without first obtaining Gulf's written consent. X

2. First Test Well. On or before January 1, 1984, Ironwood agrees to commence the drilling of a test well at a legal location in the SW/4NW/4 of Section 12-5S-4W, Duchesne County, Utah, to drill it with due diligence to a total depth of 6,500 feet or to a depth sufficient to adequately test the Lower Green River Formation, whichever is the lesser, and to complete it on or before March 31, 1984. X

3. Reports and Information. In the drilling of each test well provided for in this Agreement, Ironwood agrees at its sole cost and expense to perform and comply with Schedule 1 - Provisions Applicable to Test Wells, hereto annexed and made a part hereof. Unless otherwise provided for in Schedule 1, the daily drilling reports and all other reports and logs provided for therein shall be mailed to Gulf Oil Exploration and Production Company, Attention: L. W. Stavert, Post Office Box 2619, Casper, Wyoming 82602. X

In addition, Ironwood agrees to furnish Gulf, prior to the spud date of each test well provided for in this Agreement an approved copy of the Application to Drill, with plat attached, together with the API number for each such well. X

4. Costs and Expenses. Each test well drilled pursuant to this Agreement shall be drilled with due diligence and dispatch and in a good and workmanlike manner. All costs and expenses incurred in connection with drilling, testing, plugging, and equipping such wells, into and including the stock tanks (for oil wells) or through the wellhead connection (for gas wells) and including plugging and abandonment in the event a well is not productive of oil or gas in paying royalties, shall be free of cost to Gulf and shall be borne and paid by Ironwood.

5. Assignment of Drill-Site Upon Completion of First Test Well as a Producing Well. Upon completion of the first test well as a producing oil or gas well, in accordance with all of the terms and provisions of this Agreement and unless Gulf takes over the well as hereinafter provided, Gulf agrees to assign to Ironwood all of Gulf's operating rights and working interest in the drill-site spaced unit for such test well, from the surface to the stratigraphic equivalent of the depth drilled in the first test well, but in no event shall Ironwood earn below the base of the Lower Green River Formation. Gulf shall reserve an overriding royalty interest of 8.33% of 8/8, exclusive of any existing overriding royalty interest, free and clear of all costs and expenses with the exception of production and severance taxes. Such assignment shall be made only upon written request by Ironwood within sixty (60) days of such completion.

6. Option to Convert Upon Payout of First Test Well. Upon completion of the first test well as a well capable of producing oil or gas in paying quantities, Ironwood agrees to furnish Gulf an itemized statement of all costs incurred in drilling, testing, completing and equipping the test well. After the first test well has been placed on production, Ironwood shall furnish Gulf a monthly itemized statement of the volume of production, the proceeds received from the sale thereof, and all charges, costs and expenses incurred and paid during the preceding month in the operation of the well. Gulf shall have the right at all reasonable times to audit the accounts and records of Ironwood pertaining to said well. After Ironwood has recovered out of the proceeds from the sale of production from the first test well all of the costs and expenses it incurred in drilling, testing, completing, equipping and operating such test well, Ironwood shall notify Gulf in writing that payout has occurred. Upon receipt of such notice, Gulf shall have thirty (30) days in which to elect to convert its overriding royalty interest to a 40% working interest in the drill-site spaced unit upon which the test well is located, or retain its overriding royalty interest with no further option to convert. Gulf and Ironwood agree to make the necessary assignments to accomplish the terms of this provision. Gulf's election shall be effective the first day of the month following the month in which payout occurs.

In the event Gulf elects to convert its overriding royalty interest to a working interest, then Gulf and Ironwood agree to enter into a Joint Operating Agreement in the form attached hereto as Exhibit 4 for the further development and operation of the drill-site spaced unit upon which the test well is located.

If, prior to any assignments hereunder, Gulf owned less than the full working interest in the drill-site spaced unit, the overriding royalty interest provided for in Articles 5 and 8 and the working interest provided for in Article 6 shall each be reduced in the proportion that the Gulf working interest therein bore to the full working interest therein.

7. Additional Assignment Upon Completion of First Test Well as a Producing Well. Upon completion of the first test well as a producing oil or gas well in accordance with all of the terms and provisions of this Agreement, Gulf agrees to assign to Ironwood an undivided 60% of Gulf's operating rights and working interest in the Exhibit 1 Lease Acreage, except the acreage in the drill-site spaced unit. This assignment will cover rights from the surface to the stratigraphic equivalent of the depth drilled in the first test well, but in no event shall Ironwood earn below the base of the Lower Green River Formation, and such assignment will be made only if requested in writing within sixty (60) days of such completion.

8. Development Operations. In the event Ironwood completes the first test well as a producing well in accordance with the terms and conditions of this Agreement and proposes the drilling of a development well on the jointly owned Lease Acreage, Gulf shall have a continuing election on a well by well basis to either (1) participate in the drilling of such well pursuant to the terms of a Joint Operating Agreement in the form attached hereto as Exhibit 4 or (2) assign to Ironwood all of Gulf's operating rights and working interest in the drill-site spaced unit for such well, from the surface to the stratigraphic equivalent of the depth drilled, but in no event below the base of the Lower Green River Formation, subject to Gulf reserving an 8.33% of 8/8 non-convertible overriding royalty interest in the leasehold interest Gulf maintained in the

Lease Acreage prior to any assignments, exclusive of any existing overriding royalty interest. Gulf shall make its election prior to the drilling of the development well.

9. Take Over of Well. If, after Ironwood drills the first test well under the terms and conditions of this Agreement, it determines that such well is incapable of producing oil or gas in paying quantities and that such well should be plugged and abandoned, Ironwood shall promptly notify Gulf in writing of such determination. Should Gulf agree with this determination (and failure by Gulf to respond in the manner and within the time indicated below shall constitute agreement), Ironwood shall proceed at its sole cost, risk and expense to plug and abandon the test well in accordance with applicable state laws and regulations, shall level the ground around the location and shall clear and clean the premises to the satisfaction of the surface owners and surface lessees.

Should Gulf disagree with this determination, it shall have forty-eight (48) hours following the receipt of such notice, excluding Saturdays, Sundays, and holidays, within which to advise Ironwood by telegram of its decision to take over operations of the test well for the purpose of either (1) attempting to complete as a well capable of producing oil and gas in paying quantities at any depth from the surface down to and including the depth drilled or (2) continuing drilling operations to test a deeper formation.

Upon the election of Gulf to continue operations on such test well, Ironwood shall be deemed to have relinquished and transferred to Gulf all of its right, title and interest of any kind in and to (1) the test well, (2) the material and equipment therein and used or acquired in connection therewith which Gulf retains for conducting operations hereunder, and (3) the lands included in the drill-site spaced unit upon which the test well is located. Gulf shall pay Ironwood the actual salvage value of all salvable material and equipment in such test well, but Ironwood shall be responsible for all costs and expenses of said test well incurred prior to the take over by Gulf. All testing and completing operations on such test well after Gulf's take over, including plugging and abandonment in the event of a dry hole, shall be conducted by Gulf at its sole cost, risk and expense.

10. Tax Partnership Provision. Gulf and Ironwood agree that the Tax Partnership Provisions attached hereto as Exhibit 2 shall apply to the interests of the parties to this Agreement.

11. Call on Production. Gulf hereby reserves, and any assignment hereunder shall be subject to, a call on production in favor of Gulf as follows:

A. An option, which Gulf may exercise from time to time and as often as it desires, to purchase Ironwood's share of the oil, distillate, condensate, drip gasoline and other liquid hydrocarbons produced from or allocated to the premises assigned to Ironwood hereunder. Gulf shall exercise such option by giving thirty (30) days written notice thereof and shall be required to continue the purchase of such hydrocarbons for a six months' period upon each exercise of its option, but shall have the right to terminate such purchase at the expiration of such six months' period or at any subsequent time by giving thirty (30) days written notice of its election to do so. In addition, if Gulf elects not to purchase such hydrocarbons, Gulf shall also have the right, upon the same terms, to designate the person, firm or corporation to which such hydrocarbons shall be sold. The price to be paid to Ironwood for its share of such hydrocarbons purchased by Gulf shall be the price in the field for hydrocarbons of like grade and quality on the day such hydrocarbons are run, as posted by Gulf, or if Gulf does not post a price in the field on the day such products are run, the highest price paid or offered at the time of production for the portion of like quality oil or other products produced and sold from the same field or area. In the event of a sale of such hydrocarbons to a purchaser designated by Gulf, Ironwood shall receive the same price received by Gulf for its share of like hydrocarbons. During the time Gulf does not purchase or designate

the purchaser of Ironwood's share of such hydrocarbons, Ironwood may sell and dispose of such hydrocarbons in such manner and upon such terms and conditions as it may elect, subject always to the terms and provisions of this Agreement.

B. A preferential right and option to purchase or designate the purchaser of Ironwood's share of the gas (including, but without limitation, natural gas and casinghead gas) that may be produced and saved from or allocated to the premises assigned to Ironwood hereunder, upon terms no less favorable to Ironwood than those upon which Ironwood proposes to sell or otherwise dispose of such gas. Ironwood shall give Gulf advance written notice of all terms and conditions of any bona fide offer which Ironwood is willing to accept for the purchase or other disposition of such gas by a prospective purchaser (not controlled by or related to Ironwood by stock ownership or otherwise) which is ready, willing and able to take such gas. Gulf shall have thirty (30) days after receiving such notice in which to notify Ironwood of its election either to exercise or waive its preferential right and option. Failure by Gulf to respond in writing within such thirty (30) day period shall be deemed a waiver by Gulf of its preferential right and option as to that sale, but Gulf shall have a continuing, separate right and option with respect to each and every subsequent proposed sale or other disposition of such gas. If Gulf exercises its option to purchase or designate a purchaser of such gas, Ironwood hereby agrees that, upon request, it will execute an appropriate gas sales contract.

C. Gulf hereby reserves the right and option, in addition to the rights provided for above, to require that any contract for the disposition of Ironwood's share of the gas (including, but not limited to, natural gas and casinghead gas) produced from or allocated to the premises assigned to Ironwood hereunder shall include a reservation of the right, to be exercised at any time during the life of such contract, to process such gas for the extraction of liquid and liquefiable hydrocarbons in a processing facility owned, operated or designated by Gulf. Ironwood shall be compensated for the processing of its gas at the highest rate paid to other producers of gas of like kind and quality processed in the same facility. The option herein reserved shall be exercised or waived by Gulf in writing at the same time Gulf makes its election under paragraph B, above.

D. Any sale or other disposition of production by Ironwood prior to payout shall be expressly subject to Gulf's right upon conversion to a working interest to take in kind its working interest share of such production.

12. Rentals and Shut-In Royalties. Gulf agrees to make any rental payments which may become due with respect to the Lease Acreage as described in Exhibit 1, but shall not be liable for any failure to properly pay such rental. Ironwood shall pay any shut-in gas royalties which may become due as a result of test wells drilled by Ironwood pursuant to this Agreement, but Ironwood shall not be liable to Gulf for failure to properly pay shut-in royalties. X

13. Claims and Lawsuits. Any claims or lawsuits by third parties arising out of or in any way related to Ironwood's performance of this Agreement, shall be disposed of promptly by Ironwood. Ironwood agrees to indemnify, defend, and hold Gulf harmless from and against all claims, demands, losses, damages, or liability in connection with Ironwood's operations on the Lease Acreage and performance of this Agreement, but Gulf shall have the right, at its own expense, to participate in the defense of any lawsuits to which it may be made a party.

14. Compliance with Laws and Lease Obligations. Ironwood agrees that in the location and drilling of any test well on the Lease Acreage, it will conduct all of its operations in full compliance with all of the terms, provisions and covenants express and implied, of the oil and gas lease upon which such well is located, and in full compliance with all applicable laws, rules, regulations and orders, both State and Federal, relating to the ownership and enjoyment and the development and operation of the acreage covered

by such lease, and agrees to indemnify and save Gulf harmless from all claims, demands, losses, damages, and liability resulting from or arising out of the breach of any such terms, provisions, covenants, laws, rules, regulations or orders, and agrees to defend any suit that may be brought and pay any judgment that may be rendered against Gulf for any such breach or violation.

15. Liens and Encumbrances. Ironwood agrees that in the location and drilling of a well on the Lease Acreage, it will keep the oil and gas lease upon which such well is located free and clear of all liens and encumbrances of whatsoever kind and character, including liens for labor performed and material furnished, and agrees to indemnify, defend, and hold Gulf harmless from all claims, demands, losses, damages, and liability arising out of or resulting from any such liens and encumbrances.

16. Effect of Nonperformance by Ironwood. In the event Ironwood fails to commence, drill, test and complete a test well provided for herein or fails to comply with and perform any of the terms of this Agreement, Gulf shall have the option to cancel this Agreement, and upon the exercise of such option all of Ironwood's rights hereunder shall terminate. Termination of this Agreement shall not release Ironwood of any obligation or liability accruing prior to such termination, and Ironwood agrees that it will continue to indemnify, defend, and hold Gulf harmless from all claims, demands, losses, damages, or liability resulting from or arising out of Ironwood's operations on the Lease Acreage.

17. Nonassignability. It is understood that time shall be of the essence of this Agreement, and that no provisions hereof shall be modified or waived except in writing. Ironwood shall not assign this Agreement, in whole or in part, without the written consent of Gulf.

18. Notices. Any notices or other communications required or permitted hereunder shall be deemed to have been properly given or delivered when delivered personally or when sent by certified mail or telegraph, with all postage or charges prepaid, to the parties at the following addresses:

Gulf Oil Exploration and Production Company
Post Office Box 2619
Casper, Wyoming 82602

Ironwood Exploration
7069 South Highland Drive
Salt Lake City, Utah 84121

The date of service by mail shall be the date on which such written notice or other communication is deposited in the United States Post Office, addressed as above provided.

19. Insurance. Ironwood agrees to insure and keep insured at all times all operations conducted by it on the Lease Acreage with Worker's Compensation Insurance and Employer's Liability Insurance, in accordance with the requirements of the laws of the State of Utah, and with Comprehensive General Public Liability with the following minimum coverage:

| | |
|-----------------|---------------------------|
| Bodily Injury | \$300,000 each occurrence |
| Property Damage | \$100,000 each occurrence |

and with Automobile Liability Insurance covering owned and non-owned vehicles with the following minimum coverage:

| | |
|-----------------|---------------------------|
| Bodily Injury | \$150,000 each person |
| | \$300,000 each occurrence |
| Property Damage | \$100,000 |

The Worker's Compensation and Employer's Liability Insurance policies specified above shall include a waiver of subrogation in favor of

Gulf. The Comprehensive General Public Liability Insurance shall include specific contractual liability coverage in accordance with the indemnification provisions of this Agreement. Prior to commencement of operations hereunder, Ironwood agrees to furnish Gulf with certificates evidencing insurance coverage as required herein and providing for advance written notification to Gulf of any changes in or cessation of coverage.

20. Nondiscrimination. Ironwood agrees in the performance of this Agreement and in the conduct of all of its operations hereunder, to comply with all of the terms and provisions of the Certificate of Compliance hereto annexed as Exhibit 3 and made a part hereof with the same force and like effect as though set out in full in the body of this Agreement.

In the event this Agreement is not executed and returned to Gulf Oil Corporation within forty-five (45) days from date of this Agreement, Gulf may at its option consider it null and void.

THIS AGREEMENT shall be binding upon the undersigned, their heirs, devisees, personal representatives, successors and assigns.

EXECUTED the day and year first above written.

GULF OIL CORPORATION

By _____ Attorney-in-Fact

*gn
zw*

IRONWOOD EXPLORATION

By _____

CGL/mcg
(S.E. Duchesne)

EXHIBIT 1

LEASES

Duchesne County, State of Utah

Lease No. 8-58416-00
date November 5, 1981
Lessor Leo B. Foy and Kenna Foy
Lessee Gulf Oil Corporation
Recorded -- Book 168 Page 844-846
M.R.

Description
Township 5 South, Range 4 West, U.S.M.
Section 12: SW/4NE/4, S/2NW/4, NW/4SW/4

Lease No. 8-58416-01
Date November 5, 1981
Lessor John H. Foy and Joan V. Foy
Lessee Gulf Oil Corporation
Recorded -- Book 168 Page 312-314
M.R.

Same as above

Lease No. 8-58416-02
Date November 5, 1981
Lessor William Wendell Foy and Enid Foy
Lessee Gulf Oil Corporation
Recorded -- Book 168 Page 853-855
M.R.

Same as above

Lease No.
Date
Lessor
Lessee
Recorded -- Book Page

Lease No.
Date
Lessor
Lessee
Recorded -- Book Page

Lease No.
Date
Lessor
Lessee
Recorded -- Book Page

Lease No.
Date
Lessor
Lessee
Recorded -- Book Page

Lease No.
Date
Lessor
Lessee
Recorded -- Book Page

EXHIBIT 2

TAX PARTNERSHIP PROVISIONS

The parties recognize that this agreement creates a partnership for Federal and State income tax purposes and such Parties do hereby agree not to elect to be excluded from the application of Subchapter K of Chapter I of Subtitle A of the United States Internal Revenue Code of 1954, as amended, or any similar State Statute. All Parties agree that Ironwood shall serve as the Tax Matters Partner. The necessary Federal and State partnership income tax returns shall be filed covering operations under this agreement and Ironwood agrees to use its best efforts in the preparation and filing of the partnership tax returns and in making any appropriate elections on such returns, acting on behalf of itself and the other Parties hereto, but in so doing Ironwood shall incur no liability to any other Party with regard to such returns or elections and shall make no charges for performance of any administrative or professional service in connection with the keeping of records or the filing of returns. Each Party agrees to provide Ironwood with all information readily available from regularly maintained accounting records. Ironwood shall submit copies of all returns to the other Parties 45 days before the due date to permit review and approval prior to filing. Ironwood is hereby granted authority to make the following elections under United States Internal Revenue laws and regulations and any similar State Statutes:

- A. To elect to adopt the calendar year as the annual accounting period;
- B. To elect to adopt the accrual method of accounting;
- C. To elect to expense intangible drilling and development costs to the full extent allowable under the Internal Revenue Code;
- D. To elect to compute the allowance for depreciation or cost recovery utilizing the maximum allowable rate and shortest life permissible under the Internal Revenue Code;
- E. To elect to deduct advanced royalties from gross income for the year the advance royalties are paid or accrued; and
- F. To make such other elections as may be approved by the Parties.

Individual Capital Accounts. Each Party shall have a capital account consisting of the adjusted basis of its original contribution of either cash or properties to the joint operation, if any. Each Party's capital account shall be increased by the adjusted basis of additional capital contributions of property or cash and by the amount of all income and gain allocated to the Party; and, decreased by the adjusted basis of property or cash distributed to the Party and all losses, expenses, and deductions allocated to the Party pursuant to this agreement.

The depletion allowance computed by the Parties individually rather than by the joint operation, as prescribed by Section 613A (c)(7)(D) of the Code, shall be deemed to adjust the individual capital accounts of the Parties; however, percentage depletion deductions in excess of a Party's depletable basis in a property shall not reduce such Party's capital account. The capital account will also be unaffected by a working interest assignment by one Party to another pursuant to any drilling or exploration undertaken as part of this agreement.

The Parties further agree that for United States Income Tax purposes, the gains and losses from sales, abandonments, and other disposition of property and all classes of costs, expenses, and credits, including depreciation and depletion, shall be shared and accounted for as follows:

1. All production and intangible drilling and development costs and all other classes of costs and expenses shall be allocated as deductions to each Party in accordance with its respective contributions to such costs;

2. Depreciation on tangible equipment shall be allocated to each Party in accordance with its contributions to the adjusted basis of such equipment, as such adjusted basis is defined in the Internal Revenue Code of 1954, as amended, and any similar State Statute;
3. Deductions for depletion shall be computed by the Parties as follows:
 - a. If eligible for percentage or cost depletion, the depletion deduction shall be computed by each of the Parties separately. Percentage depletion shall be calculated under IRC Section 613A(b), "Exception for Certain Domestic Gas Wells," or IRC Section 613A(c), "Independent Producers and Royalty Owners," whichever is applicable.
 - b. The partnership basis in oil or gas properties shall be allocated to each Party in accordance with its respective contribution to such cost depletion base. Each partner shall maintain an individual basis account and compute his own allowance for either percentage depletion or cost depletion on all his properties. The depletion allowance deducted by the partners shall be treated as a reduction of the basis of the partnership property. In addition, each partner shall furnish their percentage or cost depletion calculation to Ironwood annually.
 - c. Each Party shall take into account for its depletion calculation such Party's share of production, gross income, royalty obligations, expenses, contributions to the unadjusted cost basis of the joint property, all the adjustments to basis, and depletion allowance deductions reducing such Party's basis.
4. Such investment credit as shall be allowed by Section 38 of the Internal Revenue Code of 1954, as amended as well as any other credits shall be allocated to the Parties in accordance with their respective contributions to the costs giving rise thereto.
5. Gains and losses from each sale, abandonment, or other disposition of property (other than oil, gas, or other hydrocarbon substances) will be allocated to the Parties in such manner as will reflect the gains and losses that would have been includable in their respective Income Tax Returns if such property were held by the Parties outside this agreement. The computations shall take into account each Party's share of the proceeds derived from each sale or other disposition of such property during the year, selling expenses and the Parties' respective contributions to the unadjusted cost basis of such property, less any allowed or allowable depreciation, depletion, amortization, credits, or other deductions which have been allocated to each Party with respect to such property as provided in this paragraph of this agreement.
6. Any recapture of intangible drilling and development costs, depreciation or investment tax credit shall be allocated to the Party who was allocated the credit.

Termination. This partnership shall terminate with the written consent of all Parties hereto or when joint lands are discontinued and the Operating Agreement to which those lands are subject terminates.

Distribution Upon Dissolution. Upon any actual dissolution of the joint operation, the business of the joint operation shall be wound-up and concluded, and the assets of the joint operation shall be distributed as described below:

1. Debts of the joint operation, other than to Parties, shall be paid; then
2. Debts owed by the joint operation to Parties shall be paid; then
3. All remaining assets of the joint operation shall be distributed to the Parties as follows:
 - a. All cash on hand representing unexpended contributions by each Party shall be returned to the respective contributor, then
 - b. An amount required to adjust the Parties' capital accounts to the same proportion as the Parties' interest in the joint operation, (after payout, if applicable) shall be distributed to the Parties. Such proportionate distributions shall hereinafter be called "balancing the capital accounts". The fair market value of property to be distributed in balancing capital accounts shall be established by the written agreement of all Parties. In the event all of the Parties cannot agree as to the fair market value of property, the Operator shall cause an independent engineering firm to prepare an evaluation of fair market value of such property. No Party shall be liable for or obligated to make any additional contribution in the event fair market value of the joint operation property is not sufficient to balance the capital accounts. The cash or property to be used in balancing the capital accounts shall be determined by one of the following methods:
 - (i) If all the Parties consent, selected joint operation property may be sold to unrelated third parties to generate sufficient cash to balance the capital accounts, and such cash shall be distributed in the proper amounts among the Parties;
 - (ii) If all the Parties consent, an undivided interest in selected joint operation properties shall be distributed to balance the capital accounts;
 - (iii) Unless (i) or (ii) above applies, an undivided interest in each and every joint operation property shall be distributed to balance the capital accounts;
 - (iv) Notwithstanding the method of distribution applied in (i), (ii), or (iii) above, any Party which has a relative deficit in its capital account shall have the option but not the obligation to balance its capital account by contributing cash to the joint operation.
 - c. Any assets of the joint operation remaining to be distributed after balancing the capital accounts pursuant to paragraph 3.b shall be distributed to the Parties in proportion to such balanced capital accounts.

It is the intent of the Parties that these provisions be limited in their application to matters relating to Federal and State taxes based on income. It is not the purpose or intention of the Parties hereto to create any partnership, mining partnership, or association other than as above provided, and neither this agreement nor the authorizations hereunder shall be construed as creating any such relationship. Furthermore, nothing in this agreement shall be construed as providing directly or indirectly, for any joint or cooperative refining or marketing or sale of any Party's interest in oil and gas or the products therefrom.

CERTIFICATE OF COMPLIANCE

Supplement to Contract or Purchase Order
 Issued or entered into by Ironwood Exploration

(hereinafter "Contractor") and

Gulf Oil Corporation

hereinafter "Gulf").

Contractor agrees that, as to this contract or purchase order, as defined below, issued or entered into by Gulf, as purchaser, for the furnishing of supplies or services by Contractor, the contractor will comply with the Federal Government's Requirements as identified below, and agrees that without further reference thereto the provisions contained in this Certificate shall be a part of each such contract or purchase order.

For the purpose of this Certificate, the words "contract" and "purchase order" shall mean any nonexempt agreement or arrangement between Gulf and the Contractor for the furnishing of supplies or services or for the use of real or personal property, including lease arrangements which, in whole or in part, are necessary to the performance of any one or more contracts between Gulf and the United States of America or under which any portion of the Gulf's obligation under any one or more such contracts is performed, undertaken, or assumed.

Gulf understands and agrees that Contractor's assent to the incorporation of the provisions in this Certificate into this contract or purchase order between Gulf and Contractor is intended to satisfy Gulf's requirements under the governing executive orders and statutes reference to which includes amendments and orders superseding in whole or in part and the rules and regulations issued thereunder. Gulf further understands and agrees that this Certificate is not meant to create, nor shall it be construed as creating, any enforceable rights hereunder for any firm, organization, or individual who is not a party to any such contract or purchase order between Gulf and Contractor.

NONSEGREGATED FACILITIES

The order, offer, applicant, seller, contractor, or subcontractor, hereinafter referred to as Contractor, permits to Gulf and the Federal Government agencies with which it contracts that Contractor does not maintain or provide for Contractor's employees any segregated facilities at any of Contractor's establishments, and that Contractor does not permit Contractor's employees to perform their services at any location, under Contractor's control, where segregated facilities are maintained. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, creed, color, or national origin, because of habit, local custom, or otherwise.

EMPLOYMENT OF THE HANDICAPPED

Applicable to all contracts and purchase orders exceeding \$2,500, not otherwise exempted. Contractor agrees to comply with Rehabilitation Act of 1973 and all other rules, and regulations issued thereunder and amendments thereto.

EQUAL OPPORTUNITY, VETERANS, AND MINORITY BUSINESS ENTERPRISES

Applicable to all contracts and purchase orders exceeding \$10,000, not otherwise exempted. Contractor agrees to comply with Executive Order 11236 regarding Equal Opportunity and all orders, rules and regulations issued thereunder or amendments thereto, Contractor agrees to comply with Executive Order 11761 and Vietnam Veteran's Readjustment Act of 1974 and orders, rules, and regulations issued thereunder or amendments thereto. Contractor agrees to comply with Executive Orders 11458 and 11625 regarding Minority Business Enterprises and all orders, rules, and regulations issued thereunder or amendments thereto.

MINORITY BUSINESS ENTERPRISES AND UTILIZATION OF SMALL BUSINESS CONCERNS AND SMALL BUSINESS CONCERNS OWNED AND CONTROLLED BY SOCIALLY ANDECONOMICALLY DISADVANTAGED INDIVIDUALS

Contractor agrees to comply with Executive Order 11625 regarding Minority Business Enterprises and all orders, rules and regulations issued thereunder or amendments thereto.

Applicable to all contracts of over \$10,000 not otherwise exempted:

(A) It is the policy of the United States that small business concerns and small business concerns owned and controlled by socially and economically disadvantaged individuals shall have the maximum practicable opportunity to participate in the performance of contracts let by any Federal agency.

(B) The contractor hereby agrees to carry out this policy in the awarding of subcontracts to the fullest extent consistent with the efficient performance of this contract. The contractor further agrees to cooperate in any studies or surveys that may be conducted by the Small Business Administration or the contracting agency which may be necessary to determine the extent of the contractor's compliance with this clause.

(C) (1) The terms "small business concern" shall mean a small business as defined pursuant to Section 3 of the Small Business Act and irrelevant regulations promulgated pursuant thereto.

(2) The term "small business concern owned and controlled by socially and economically disadvantaged individuals" shall mean a small business concern-

(i) which is at least 51 per centum owned by one or more socially and economically disadvantaged individuals; or in the case of any publicly owned business, at least 51 per centum of the stock of which is owned by one or more socially and economically disadvantaged individuals; and

(ii) whose management and daily business operations are controlled by one or more of such individuals.

The contractor shall presume that socially and economically disadvantaged individuals include Black Americans, Hispanic Americans, Native Americans, Asian Pacific Americans, and other minorities, or any other individual found to be disadvantaged by the Small Business Administration pursuant to section 8(a) of the Small Business Act.

(D) Contractors acting in good faith may rely on written representations by their subcontractors as either a small business concern owned and controlled by socially and economically disadvantaged individuals.

SMALL BUSINESS AND SMALL DISADVANTAGED BUSINESS SUBCONTRACTING (OVER \$500,000 OR \$1,000,000 FOR CONSTRUCTION OF ANY PUBLIC FACILITY)

Applicable to all contracts over \$500,000 or \$1,000,000 for construction of any public facility not otherwise exempted:

Pursuant to Temporary Regulation 50, Supplement 2(c) where applicable the contractor agrees to negotiate detailed subcontracting plan.

UTILIZATION OF WOMEN-OWNED BUSINESS CONCERNS

Applicable to all contracts over \$10,000 not otherwise exempted:

(A) It is the policy of the United States Government that women-owned businesses shall have the maximum practicable opportunity to participate in the performance of contracts awarded by any Federal agency.

(B) The Contractor agrees to use his best efforts to carry out this policy in the award of subcontracts to the fullest extent consistent with the efficient performance of this contract. As used in this contract, a "woman-owned business" concern means a business that is at least 51% owned by a woman or women who also control and operate it. "Control" in this context means exercising the power to make policy decisions. "Operate" in this context means being actively involved in the day-to-day management. "Women" mean all women business owners.

WOMEN-OWNED BUSINESS CONCERNS SUBCONTRACTING PROGRAM

Applicable to all contracts over \$500,000 or \$1,000,000 for construction of any public facility not otherwise exempted:

(A) The Contractor agrees to establish and conduct a program which will enable women-owned business concerns to be considered fairly as subcontractors and suppliers under this contract. In this connection, the contractor shall:

1. Designate a liaison officer who will administer the Contractor's "Women-Owned Business Concerns Program".
2. Provide adequate and timely consideration of the presentiaities of known women-owned business concerns in all "make-or-buy" decisions.
3. Develop a list of qualified bidders that are women-owned businesses and assure that known women-owned business concerns have an equitable opportunity to compete for subcontracts, particularly by making information on forthcoming opportunities available by arranging solicitations, time for preparation of bids, quantities, specifications, and delivery schedules so as to facilitate the participation of women-owned business concerns.
4. Maintain records showing (i) procedures which have been adopted to comply with the policies set forth in this clause, including the establishment of a source list of women-owned business concerns; (ii) awards to women-owned businesses on the source list by minority and non-minority women-owned business concerns; and (iii) specific efforts to identify and award contracts to women-owned business concerns.
5. Include the "Utilization of Women-Owned Business Concerns" clause in subcontracts which offer substantial subcontracting opportunities.
6. Cooperate in any studies and surveys of the Contractor's women-owned business concerns procedures and practices that the Contracting officer may from time-to-time conduct.
7. Submit periodic reports of subcontracting to women-owned business concerns with respect to the records referred to in subparagraph 4 above, in such form and manner and at such time (not more often than quarterly) as the Contracting officer may prescribe.

(B) The Contractor further agrees to insert, in any subcontract hereunder which may exceed \$500,000 or \$1,000,000 in the case of contracts for the construction of any public facility and which offers substantial subcontracting possibilities, provisions which shall conform substantially to the language of this clause, including this paragraph B and to notify the Contracting Officer of the names of such subcontractors.

(C) The contractor further agrees to require written certification by its subcontractors that they are bona fide women-owned and controlled business concerns in accordance with the definition of a women-owned business concern as set forth in the Utilization Clause B above at the time of submission of bids or proposals.

The Contractor agrees that the provisions of this Certificate of Compliance are hereby incorporated in every nonexempt contract or purchase order between us currently in force or that may be issued during one year from the date of execution of this certificate.

OPERATOR IRONWOOD EXPLORATION INC

DATE 12-5-83

WELL NAME GULF-IRONWOOD 12-5

SEC SWNW 12 T 55 R 4W COUNTY DUCHESENE

43-013-30885
API NUMBER

FEE
TYPE OF LEASE

POSTING CHECK OFF:

INDEX

MAP

HL

NLD

PI

PROCESSING COMMENTS:

12-5-83 WATER # 83-43-17 - NO OIL WELLS WITHIN 1000'
CHANGE WELL NAME TO GULF IRONWOOD 12-5 AS PER MAPKEY

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

CHIEF PETROLEUM ENGINEER REVIEW:

12/5/83

DATE: 12-5-83
BY: [Signature]

APPROVAL LETTER:

SPACING: A-3 _____ UNIT

c-3-a _____ CAUSE NO. & DATE

c-3-b

c-3-c

SPECIAL LANGUAGE:

Richard Poulsen -
Requested copy of APD
because his secretary
sent out his only
copy, 12/29/83 ->

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER NO

UNIT NO

c-3-b

c-3-c

108613 - 5126 - 1701

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

VERIFY LEGAL AND SUFFICIENT DRILLING WATER

December 5, 1983

Ironwood Exploration, Inc.
7069 So. Highland Drive, #201
Salt Lake City, Utah 84121

RE: Well No. Gulf-Ironwood 12-5
SE~~NE~~ Sec. 12, T. 5S, R. 4W
2273' FNL, 564' FWL
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

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

RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

Enclosed please find Form OCC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30885.

Sincerely,


Norman C. Stout
Administrative Assistant

NCS/as
Encl.



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 4, 1984

Ironwood Exploration Inc.
7069 So. Highland Drive #201
Salt Lake City, Utah 84121

Gentlemen:

The attached bond is hereby returned as requested. It has been replaced by a \$10,000 bond dated December 7, 1983 written by the Fidelity and Deposit Company of Maryland which covers liability for the Gulf-Ironwood #12-5 located in Sec. 12, T. 5S, R. 4W, Duchesne County, Utah.

Thank you for your prompt attention to this matter.

Respectfully,

A handwritten signature in black ink, appearing to read "Norman C. Stout", written in a cursive style with a long horizontal flourish extending to the right.

Norman C. Stout
Administrative Assistant

NCS/cj
Enclosure

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

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 Form 9-331-C for ~~well proposals~~)

1. oil well gas well other

2. NAME OF OPERATOR

IRONWOOD EXPLORATION, INC.

3. ADDRESS OF OPERATOR

7069 SO HIGHLAND DRIVE

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE:

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF
 FRACTURE TREAT
 SHOOT OR ACIDIZE
 REPAIR WELL
 PULL OR ALTER CASING
 MULTIPLE COMPLETE
 CHANGE ZONES
 ABANDON*
 (other)

5. LEASE FEE 8-58416-00; 8-58416-01;
8-58416-02

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Foy

9. WELL NO.

Ironwood-Gulf 12-5

10. FIELD OR WILDCAT NAME

Wildcat (Undesignated)

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

Sec 12, T5S, R4W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

14. API NO.

43-013-30885

15. ELEVATIONS (SHOW DF, KDB, AND WD)

GL 5870, DF 5885, KB 5886

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

1. Ran cement bond log on 2-6-84 and perforate zone 4945-74 with 2 shots per foot.
2. Frac 2-8-84 with 11,000 gallons of gel and 108,000# SD.
3. Producing zone lower Green River 4945-74.
4. Well placed on production 2-20-84.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED _____ TITLE Consulting Geologist February 27, 1984

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.
FEE 8-58416-00; 8-58416-01;
8-58416-02

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Foy

9. WELL NO.

Ironwood-Gulf 12-5

10. FIELD AND POOL, OR WILDCAT

Wildcat (undesigned)

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

Section 12, T5S, R4W, SW NW

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

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 9-1934

2. NAME OF OPERATOR
Ironwood Exploration, Inc.

3. ADDRESS OF OPERATOR
7069 So. Highland Drive, #100, Salt Lake City, Utah

DIVISION OF
OIL, GAS & MINING

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface Uinta Formation 2273 FNL 564 FWL

At top prod. interval reported below Lower Green River

At total depth 6010'

14. PERMIT NO. 43-013-30885
DATE ISSUED 12-5-83

15. DATE SPUDDED 12-27-83
16. DATE T.D. REACHED 1-17-84
17. DATE COMPL. (Ready to prod.) 2-19-84
18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* GL5870, DF5885, KB 5886
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6010; TVD
21. PLUG, BACK T.D., MD & TVD
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY
24. ROTARY TOOLS All
25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4945-4974 Lower Green River
26. WAS DIRECTIONAL SURVEY MADE NO

28. TYPE ELECTRIC AND OTHER LOGS RUN
MSLCH
27. WAS WELL CORDED NO

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|------------------|---------------|
| 16" | | 40' | | 4 yds ready mix | |
| 13 3/8" | | 120' | | 100 sx class G | |
| 8 5/8" | 24# | 522.02 | 12 1/4" | 350 sx class G | |
| 5 1/2" | 17# & 15# | 5993.34 | 7 7/8" | | |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|-------|----------------|-----------------|
| | | | | | 2 7/8 | 5037' | |

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

4945-74 W/2SPF

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|-----------------------------------|
| 4945-4974 | 11,000 gal gel; 108,000 # SD Frac |

33.* PRODUCTION

| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | WELL STATUS (Producing or shut-in) |
|-----------------------|--|------------------------------------|
| 2-20-84 | Pumping | Producing |

| DATE OF TEST | HOURS TESTED | CHOKER SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
|--------------|--------------|-------------|-------------------------|----------|----------|------------|---------------|
| 2-15-84 | | | | 30.86 | TSTM | 14.82 | |

| 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.)
Consuming for engine operation
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 _____ TITLE Consulting Geologist DATE February 27, 1984

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Ironwood Exploration, Inc.

3. ADDRESS OF OPERATOR
7069 So. Highland Dr., Suite 201, SLC, UT 84121

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: Uinta Formation
AT TOP PROD. INTERVAL: Lower Green River
AT TOTAL DEPTH: 6010'

5. LEASE FEE 8-58416-00, 8-58416-01, 8-58416-02

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Foy

9. WELL NO.
Ironwood-Gulf 12-5

10. FIELD OR WILDCAT NAME
Wildcat (undesigned)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 12, T5S, R4W, SW NW

12. COUNTY OR PARISH Duchesne | 13. STATE Utah

14. API NO. 43-013-30885

15. ELEVATIONS (SHOW DF, KDB, AND WD)
GL 5870, DF5885, KB 5886

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| | | | |
|--------------------------|-------------------------------------|-----------------------|--------------------------|
| REQUEST FOR APPROVAL TO: | | SUBSEQUENT REPORT OF: | |
| TEST WATER SHUT-OFF | <input type="checkbox"/> | | <input type="checkbox"/> |
| FRACTURE TREAT | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> | | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> | | <input type="checkbox"/> |
| MULTIPLE COMPLETE | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| CHANGE ZONES | <input type="checkbox"/> | | <input type="checkbox"/> |
| ABANDON* | <input type="checkbox"/> | | <input type="checkbox"/> |
| (other) | <input type="checkbox"/> | | <input type="checkbox"/> |

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

- 5-2-84 RIH perf 5278 to 5295 w/ 2 shots per foot
- 5-3-84 Broke down formation w/ rig pump and swab formation
- 5-4-84 Frac well w/ 66,000# 20/40 sd and 23,160 gal gel

RECEIVED

MAY 24 1984

DIVISION OF OIL
GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Richard M. Maskey TITLE Consulting Geologist DATE May 22, 1984

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

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 Form 9-331-C for well proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Ironwood Exploration Inc.

3. ADDRESS OF OPERATOR
7069 S. Highland Dr. Salt Lake Cty, Utah 84121

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: Uintah Formation
AT TOP PROD. INTERVAL: Lower Green River
AT TOTAL DEPTH: 6010

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| | | | |
|--------------------------|--------------------------|-----------------------|--------------------------|
| REQUEST FOR APPROVAL TO: | | SUBSEQUENT REPORT OF: | |
| TEST WATER SHUT-OFF | <input type="checkbox"/> | | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> | | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> | | <input type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> | | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> | | <input type="checkbox"/> |
| MULTIPLE COMPLETE | <input type="checkbox"/> | | <input type="checkbox"/> |
| CHANGE ZONES | <input type="checkbox"/> | | <input type="checkbox"/> |
| ABANDON* | <input type="checkbox"/> | | <input type="checkbox"/> |
| (other) | <input type="checkbox"/> | | <input type="checkbox"/> |

5. LEASE Fee 8-58416-00; 8-58416-01
8-58416-02

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Foy (Fee Lease)

9. WELL NO.
Ironwood-Gulf-Foy 12-5

10. FIELD OR WILDCAT NAME
Undesignated

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 12 T5S R4W

12. COUNTY OR PARISH | 13. STATE
Duchesne | Utah

14. API NO.
43-013-30885

15. ELEVATIONS (SHOW DF, KDB, AND WD)
Gr 5870

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

The Division of Oil, Gas and Mining has this well recorded as the Gulf-Ironwood-Foy 12-5 Where it should be the Ironwood-Gulf-Foy 12-5 as listed above.

RECEIVED
JUL 6 1984
**DIVISION OF OIL
GAS & MINING**

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Richard M. Maskey TITLE Consulting Geol. DATE June 29, 1984

(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

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.)

5. LEASE DESIGNATION AND SERIAL NO.

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ironwood-Gulf-Foy

9. WELL NO.

12-5

10. FIELD AND POOL, OR WILDCAT

Cottonwood Ridge

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

Sec 12, T5S, R4W

12. COUNTY OR PARISH 13. STATE

Duchesne Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Ironwood Exploration Co.

3. ADDRESS OF OPERATOR
P.O. Box 1656 Roosevelt, Utah 84066

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

2273' FNL, 564' FWL

14. PERMIT NO.
43-013-30885

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
5870' G.L., 5885' D.F., 5886' K.B.

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

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

(Other) Emergency pit

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(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.)*

Ironwood is applying for permission to use as an emergency pit during workover procedures and other well operations a 10' X 10' pit that is located on the wellsite.

RECEIVED

SEP 19 1984

DIVISION OF OIL
GAS & MINING

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 9/21/84
BY: John R. Base

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

SIGNED W.B. Allen

TITLE Agent for Ironwood Exploration DATE 9-18-84

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

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.)

| |
|--|
| 5. LEASE DESIGNATION AND SERIAL NO. |
| FEE |
| 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |
| 7. UNIT AGREEMENT NAME |
| 8. FARM OR LEASE NAME |
| Ironwood-Gulf-Foy |
| 9. WELL NO. |
| 12-5 |
| 10. FIELD AND POOL, OR WILDCAT |
| Nutters Canyon |
| 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA |
| Sec 12, T5S, R4W USM |
| 12. COUNTY OR PARISH |
| Duchesne |
| 13. STATE |
| Utah |

| |
|--|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> |
| 2. NAME OF OPERATOR |
| Ironwood Exploration |
| 3. ADDRESS OF OPERATOR |
| P.O. Box 1656 Roosevelt, Utah 84066 |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) |
| At surface |
| 2273' FNL 564' FWL |
| 14. PERMIT NO. |
| 43-013-30885 |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.) |
| 5870' GR. |

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 checked="" 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 checked="" 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) _____ | |

(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 will be perforated in the interval 5838'-48' with 4 SPF.

Break down perms with 25 bbls 5% KCL with clay stabilizers.

Swab well.

Frac using 5,000 gallons pad, 1500 gallons 2PP gallon 20/40 sand, 2000 gallons 4PP gallon sand, 2500 gallons 5PP gallon sand, 2500 gallons 6PP gallon sand and 2500 gallons 8PP gallon sand.

Place well back on production.

Federal approval of this action is required before commencing operations.

ACCEPTED
APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
 DATE: 12/12/84
 BY: John R. Bueh

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

| | | |
|--|--|---------------------|
| SIGNED <u>Ellen Rasmussen</u> | TITLE <u>Office Manager/Cochrane Resources</u> | DATE <u>12-3-84</u> |
| (This space for Federal or State office use) | | |
| APPROVED BY _____ | TITLE _____ | DATE _____ |
| CONDITIONS OF APPROVAL, IF ANY: | | |



RECEIVED
JAN 25 1985

DIVISION OF
OIL, GAS & MINING

January 20, 1985

Mr. Norman C. Stout
Administrative Assistant
State of Utah Natural Resources
4241 State Office Building
Salt Lake City, Utah 84114

Re: Well No. Gulf-Ironwood 12-5
Section 12, T5S, R4W
Duchesne County, Utah
API #43-013-30885

Dear Mr. Stout:

Enclosed please find a xerox copy of the Cement Bond Log on the above described well. This office only had one copy so we were unable to furnish you with a duplicate from Welex .

Yours very truly,

Mike Markey

Mike Markey
Geologist

MM/ms
encl.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION & SERIAL NO.
FEE 8-58416-00,01 & 02

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | |
| 2. NAME OF OPERATOR Ironwood Exploration, Inc | | 7. UNIT AGREEMENT NAME | |
| 3. ADDRESS OF OPERATOR 535 Gravier St. New Orleans, La 70130 | | 8. FARM OR LEASE NAME Foy | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2273' FNL 564' FWL At proposed prod. zone | | 9. WELL NO. Ironwood-Gulf 12-5 | |
| 14. API NO. 43-013-30885 | | 10. FIELD AND POOL, OR WILDCAT Nutters Canyon | |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5870' GR | | 11. SEC., T., R., M., OR BKT. AND SURVEY OR AREA Sec 12 T5S R4W | |
| | | 12. COUNTY Duchesne | 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 (Other) <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | (Other) <input type="checkbox"/> | |

APPROX. DATE WORK WILL START 12/10/91 DATE OF COMPLETION _____

(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.)

* Must be accompanied by a cement verification report.

Set CIBP @ +/- 4920' (Perfs @ 4945-4974' & 5278-5295')
Cap CIBP with 6 sacks (+/-50')

Spot 40 sack plug 2450'-2800'
Spot 30 sack plug 400'-650'
Spot 100' surface plug

Pump 25 sack plug down 5 1/2"-8 5/8" annulus (0'-150')

RECEIVED
OCT 15 1991
DIVISION OF OIL GAS & MINING

Approved BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 10-23-91
BY: JAN Matthews

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

SIGNED [Signature] TITLE Agent DATE 9/17/91

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

PARALLAX ENGINEERING

591 25 Road #A3

Grand Junction, Colorado 81505

(303) 243-0070

October 9, 1991

State of Utah
Division of Oil, Gas & Mining
3 Triad Center #350
Salt Lake City, Utah 84180-1203

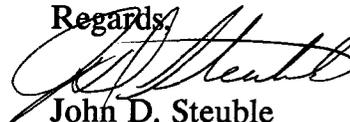
Attn: R.J. Firth

Dear Sir:

Attached is a sundry notice for the plug and abandonment of the Ironwood Exploration Ute Tribal #12-11 and the Ironwood Gulf #12-5.

Should you have any questions or need to discuss this please feel free to call me at (303) 243-0070.

Regards,



John D. Steuble

Agent

cc: Ironwood Exploration
535 Gravier Street #800
New Orleans, La. 70130

RECEIVED

OCT 15 1991

DIVISION OF
OIL GAS & MINING

GAVILAN PETROLEUM, INC.

3030 South Main, Suite 500
Salt Lake City, UT 84115
(801) 466-8960

August 4, 1992

Utah Natural Resource
Oil, Gas, & Mining
55 West North Temple
3 Triad Center, Suite 350
Salt Lake City UT 84180-1203

Attn: Lisha Romero

RE: Ute Tribal 12-11, API # 43-013-30854, Entity 09103

Sec 12 TSS R4U

Dear Lisha:

Per our conversation today, Gavilan Petroleum, Inc. has taken over operations of wells formerly owned by Ironwood Exploration, Inc. Information provided to me by Vernon Main (Ironwood Exploration) indicates that the above referenced well was cancelled by the Bureau of Land Management/Ute Tribe, effective January 31, 1992.

So far as I know the well is shut in, although I have no incoming documentation to support that. I will continue to report the well as shut in on the Monthly Oil and Gas Production Report until such time as the Bureau of Land Management acknowledges that the well has been taken over by the Tribe.

Sincerely,



Bob Jewett

RECEIVED

AUG - 7 1992

DIV. OIL, GAS, MINING

OPERATOR Enron Oil & Gas Company
ADDRESS P.O. Box 1815
Vernal, Utah 84078

OPERATOR ACCT. NO. N0401

ENTITY ACTION FORM - FORM 6

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|--------------|-----------------------------|---------------|----|----|-----|--------|-----------|----------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| B | 02900 | → | 43-047-32202 | Natural Buttes Unit 308-20E | NW/SW | 20 | 9S | 22E | Uintah | 5/09/92 | 5/09/92 |

WELL 1 COMMENTS: OPERATOR CHANGE: Changing over to Coastal for reporting 8/12/92.
Entity added 9-10-92 for

RECEIVED
AUG 14 1992
DIV OIL GAS MINING

WELL 2 COMMENTS:

| | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|

*Waiting on WCP
1st Sales 8-12-92
*920828 Rec'd
WCP.

| OIL AND GAS | |
|-------------|--|
| RJF | |
| FRM | |
| SLS | |
| GLH | |
| DTS | |
| 2 WCP | |
| 3 MICROFILM | |
| 4 FILE | |

WELL 3 COMMENTS:

| | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|

WELL 4 COMMENTS:

| | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|

WELL 5 COMMENTS:

| | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|

ACTION CODES (See instructions on back of form)
A - Establish new entity for new well (single well only)
B - Add new well to existing entity (group or unit well)
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)

NOTE: Use COMMENT section to explain why each Action Code was selected.
(3/89)

Linda S. Wall
Signature
Sr. Admin. Clerk
Title
5/12/92
Date
Phone No. (801) 789-0790

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____

(Location) Sec ___ Twp ___ Rng ___
(API No.) _____

Suspense
(Return Date) _____
(To - Initials) _____

Other
OPER FILE
ADDRESS CHANGE

1. Date of Phone Call: 8-4-92 Time: 9:30

2. DOGM Employee (name) L. ROMERO (Initiated Call
Talked to:

Name BOB JEWITT (Initiated Call - Phone No. (801)466-8960
of (Company/Organization) GAVILAN PETROLEUM INC (N2275)

3. Topic of Conversation: IRONWOOD EXPLORATION INC. (N9270)

4. Highlights of Conversation: _____
GAVILAN PETRO. IS IN THE PROCESS OF PURCHASING WELLS FROM IRONWOOD EXPLOR.
THEY HAVE PURCHASED 2 OF THE 5 WELLS CURRENTLY LISTED ON IRONWOOD'S TURNAROUND
REPORT. HOWEVER, A FORMAL OPERATOR CHANGE HAS NOT OCCURED. MR JEWITT CLAIMS
THAT IRONWOOD IS PLANNING TO FILE BANKRUPTCY AND HAS AGREED TO ALLOW GAVILAN TO
FILE PRODUCTION & DISPOSITION REPORTS TO DOGM UNTIL ALL SALES & OPERATOR CHANGE
OCCURS. MR JEWITT REQUESTED THAT DOGM SEND REPORTS TO THEIR ADDRESS, AND
UNDERSTANDS THAT WE WILL NOT BE CHANGING OPERATORSHIP FROM IRONWOOD UNTIL THE
BIA/BLM APPROVES SUCH CHANGE.

*GAVILAN HAS BEEN REPORTING PROD & DISP SINCE MARCH 1992 PER VLC.

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____ Suspense _____ Other _____
(Location) Sec ___ Twp ___ Rng ___ (Return Date) _____ DESIG. OF AGENT
(API No.) _____ (To - Initials) _____ _____

1. Date of Phone Call: 8-24-92 Time: 10:12

2. DOGM Employee (name) L. ROMERO (Initiated Call
Talked to: _____
Name VERNON MAIN JR (Initiated Call - Phone No. (504) 244-1490
of (Company/Organization) N9270-IRONWOOD EXPLORATION INC.

3. Topic of Conversation: DESIG. OF AGENT TO GAVILAN PETROLEUM INC.

4. Highlights of Conversation: _____

***MSG LEFT ON ANSWERING MACHINE**

***920827/10:30**

MR. MAIN CONFIRMED THAT GAVILAN PETROLEUM IS IN THE PROCESS OF OBTAINING APPROVAL FROM THE BIA TO OPERATE INDIAN LEASE WELLS CURRENTLY UNDER IRONWOOD EXPLOR. NO FORMAL APPROVALS HAVE BEEN OBTAINED AS OF YET. HE REQUESTED THAT DOGM SEND MONTHLY PROD & DISP REPORTS TO GAVILAN AT THEIR ADDRESS, AND UNDERSTANDS THAT IRONWOOD EXPLOR IS STILL THE OPERATOR "UNTIL APPROVAL FROM BIA HAS BEEN GRANTED". HE WILL SUBMIT SUNDRIES/APPROVALS AS SOON AS HE RECEIVES THEM. HE ALSO INDICATED THAT GAVILAN IS TRYING TO OBTAIN BOND COVERAGE FOR THE 12-5/43-013-30885 WELL LOCATED ON "FEE" LAND, AND THE 25-6/43-013-31202 WIW WELL. HE WILL KEEP US INFORMED.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

| |
|--|
| 1- LCR / GIL |
| 2- DTB / ST - DCR |
| 3-VLC ✓ |
| 4-RJF ✓ |
| 5-RWM ✓ |
| 6-ADA ✓ |

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-4-92)

| | | | |
|------------------------------|----------------------------------|---------------------------|----------------------------------|
| TO (new operator) | <u>IRONWOOD EXPLORATION INC</u> | FROM (former operator) | <u>IRONWOOD EXPLORATION INC.</u> |
| (address) | <u>C/O GAVILAN PETROLEUM INC</u> | (address) | <u>535 GRAVIER ST</u> |
| | <u>3030 S MAIN STE 500</u> | | <u>NEW ORLEANS LA 70130</u> |
| | <u>SALT LAKE CITY UT 84115</u> | | <u>VERNON MAIN JR</u> |
| phone (<u>801</u>) | <u>466-8960</u> | phone (<u>504</u>) | <u>568-1249</u> |
| account no. <u>N 9270(A)</u> | | account no. <u>N 9270</u> | |

Well(s) (attach additional page if needed):

| | | | | |
|-------------------------------------|--------------------------|---------------------|---|---------------------------|
| Name: <u>IRONWOOD-GULF FOY 12-5</u> | API: <u>43-013-30885</u> | Entity: <u>9101</u> | Sec <u>12</u> Twp <u>5S</u> Rng <u>4W</u> | Lease Type: <u>FEE</u> |
| Name: <u>UTE TRIBAL 23-3/GRRV</u> | API: <u>43-013-30886</u> | Entity: <u>9102</u> | Sec <u>23</u> Twp <u>5S</u> Rng <u>4W</u> | Lease Type: <u>INDIAN</u> |
| Name: <u>UTE TRIBAL 12-11/GRRV</u> | API: <u>43-013-30854</u> | Entity: <u>9103</u> | Sec <u>12</u> Twp <u>5S</u> Rng <u>4W</u> | Lease Type: <u>INDIAN</u> |
| Name: <u>UTE TRIBAL 25-5/GRRV</u> | API: <u>43-013-30944</u> | Entity: <u>9105</u> | Sec <u>25</u> Twp <u>5S</u> Rng <u>4W</u> | Lease Type: <u>INDIAN</u> |
| Name: <u>UTE TRIBAL 25-2/GRRV</u> | API: <u>43-013-31213</u> | Entity: <u>9105</u> | Sec <u>25</u> Twp <u>5S</u> Rng <u>4W</u> | Lease Type: <u>INDIAN</u> |
| Name: <u>*UTE TRIBAL 25-6/GRRV</u> | API: <u>43-013-31202</u> | Entity: <u>9105</u> | Sec <u>25</u> Twp <u>5S</u> Rng <u>4W</u> | Lease Type: <u>INDIAN</u> |
| Name: <u>*WIW</u> | API: _____ | Entity: _____ | Sec _____ Twp _____ Rng _____ | Lease Type: _____ |

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Phone doc. 8-27-92)*
- Yes 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 8-7-92) (Phone doc. 8-4-92)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.
- Yes 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(8-27-92)*
- Yes 6. Cardex file has been updated for each well listed above. *(8-27-92)*
- Yes 7. Well file labels have been updated for each well listed above. *(8-27-92)*
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(8-27-92)*
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- See 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) ^(Designation of Agent - Not an operator change)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) ____ Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- HA 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. *Lease not sold or transferred* _{DTS}
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- 1. All attachments to this form have been microfilmed. Date: Sept 17 1992

FILING

- See 1. Copies of all attachments to this form have been filed in each well file.
- See 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

920807 BIA/Btm Not approved as of yet. Operator still Ironwood Explor. Inc.



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS
UINTAH AND OURAY AGENCY
FORT DUCHESNE, UTAH 84026
(801) 722-2406

IN REPLY REFER TO:

Land Operations

Mr. R.J. Firth, Assoc. Director
Division of Oil, Gas & Mining
355 West North
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

SEP 14 1992

Dear Mr. Firth;

On September 3, 1992, an inspection was made by the Bureau of Indian Affairs of the Ironwood 12-5 well located in the SW1/4 NW1/4, Section 12, T5S, R4W, USB&M.

This Well has two problems:

1. Water is leaking from around the wellhead, and is saturating approximately 5000 square feet of soil with salt water. Also a perennial stream is flowing in Sowers Canyon. The stream is less than 500 feet from the well and therefore the salt water produced by the well may be seeping into the stream.
2. A valve is open at the wellhead that directs oil into the production tank. The tank has overflowed at least once and it is presently approximately 2/3 full of oil and water, etc.

The well has been a problem for the last two years, and it is necessary to take appropriate action to correct the problem as soon as possible.

Sincerely,

Kenneth M. Schmidt
Superintendent

Schmidt

cc: Ute Tribal Energy & Minerals
BIA Minerals & Mining

SEP 15 1992

DIVISION OF
OIL, GAS & MINING

| | |
|----------|-------|
| Routing: | |
| 1- LCR | 7+LCR |
| 2- DFB | |
| 3- VLC | |
| 4- RJF | |
| 5- RWM | |
| 6- ADA | |

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

*COMPL DATE
8-12-92

The operator of the well(s) listed below has changed (EFFECTIVE DATE: _____)

| | | | |
|-------------------|-----------------------------------|------------------------|-----------------------------|
| TO (new operator) | <u>COASTAL OIL & GAS CORP</u> | FROM (former operator) | <u>ENRON OIL & GAS</u> |
| (address) | <u>PO BOX 749</u> | (address) | <u>PO BOX 1815</u> |
| | <u>DENVER, CO 80201-0749</u> | | <u>VERNAL, UT 84078</u> |
| | <u>RANDY WAHL</u> | | <u>LINDA WALL</u> |
| | phone <u>(303) 572-1121</u> | | phone <u>(801) 789-0790</u> |
| | account no. <u>N 0230 (X)</u> | | account no. <u>N0401</u> |

Well(s) (attach additional page if needed):

***NATURAL BUTTES UNIT**

| | | | | |
|-------------------------------|--------------------------|----------------------|--|---------------------------|
| Name: <u>NBU 308-20E/WSTC</u> | API: <u>43-047-32202</u> | Entity: <u>02900</u> | Sec <u>20</u> Twp <u>9S</u> Rng <u>22E</u> | Lease Type: <u>U-0284</u> |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ Twp _____ Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ Twp _____ Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ Twp _____ Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ Twp _____ Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ Twp _____ Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ Twp _____ Rng _____ | Lease Type: _____ |

OPERATOR CHANGE DOCUMENTATION

- LCF 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(filed 8-14-92)*
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *see Unit agreement*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.
- N/A 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below. *see Unit Agreement*
- LCF 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(9-10-92)*
- LCF 6. Cardex file has been updated for each well listed above. *(9-10-92)*
- LCF 7. Well file labels have been updated for each well listed above. *(9-10-92)*
- LCF 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(9-10-92)*
- LCF 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) 99999 to 02900 (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- 2. A copy of this form has been placed in the new and former operators' bond files.
- 3. The former operator has requested a release of liability from their bond (yes/no) yes. Today's date 9/14/92 1992. If yes, division response was made by letter dated 9/14/92 1992.

EASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 9/14/92 1992, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 2. Copies of documents have been sent to State Lands for changes involving State leases.

MICROFILMING

- 1. All attachments to this form have been microfilmed. Date: Sept 17 1992.

FILED

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS



MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• GAVILAN PETROLEUM INC
IRONWOOD EXPLORATION INC
3030 S MAIN STE 500
SALT LAKE CITY UT 84115

Utah Account No. N9270
Report Period (Month/Year) 11 / 92
Amended Report

| Well Name | Producing Zone | Days Oper | Production Volume | | |
|---|----------------|-----------|-------------------|------------|-------------|
| API Number Entity Location | | | Oil (BBL) | Gas (MSCF) | Water (BBL) |
| IRONWOOD-GULF-FOY 12-5 4301330885 09101 05S 04W 12 | GRRV | | | | |
| UTE TRIBAL 23-3 4301330886 09102 05S 04W 23 | GRRV | | | | |
| UTE TRIBAL 12-11 4301330854 09103 05S 04W 12 | GRRV | | | | |
| UTE TRIBAL 25-5 4301330944 09105 05S 04W 25 | GRRV | | | | |
| UTE TRIBAL 25-2 4301331213 09105 05S 04W 25 | GRRV | | | | |
| *UTE Tribal 25-6 4301331202 9105 5S 4W 25 | GRRV | | *W1W | | |
| TOTAL | | | | | |

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature _____ Telephone _____

GAVILAN PETROLEUM, INC.

3030 South Main, Suite 500
Salt Lake City, UT 84115
(801) 466-8960

December 15, 1992

Utah Natural Resource
Oil, Gas, & Mining
55 West North Temple
3 Triad Center, Suite 350
Salt Lake City UT 84180-1203

Attn: Lisha Romero

RE: Production Reporting, Ironwood Exploration, Inc. Wells

Per our conversation yesterday, let this letter serve as notice that Gavilan Petroleum, Inc. will no longer be providing monthly reports of production on behalf of Ironwood Exploration, Inc. Gavilan Petroleum, Inc. provided reports through the production month of September, 1992, and it will be the responsibility of Ironwood Exploration, Inc. to report from October, 1992, forward.

If you should need anything further from me please let me know.

Sincerely,


Bob Jewett

RECEIVED

DEC 16 1992

DIVISION OF
OIL GAS & MINING

FORM 8

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to recomplete plugged-in wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:
~~8-58416-00~~, ~~8-58416-01~~
~~8-58416-02~~

6. If Indian, Allottee or Tribe Name: *fee*

7. Unit Agreement Name:

8. Well Name and Number:
Ironwood Gulf 12-5

9. API Well Number:
43-013-30885

10. Field and Pool, or Wildcat:
Brundage Canyon

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:
Ironwood Exploration, Inc.

3. Address and Telephone Number:
210 Oil & Gas Building, New Orleans, LA 70112

4. Location of Well
Footages: 2273' FNL 564' FWL
OO, Sec., T., R., M.:

Sec 12 T55 R4W

County: Duchesne
State: Utah

11. 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

Approximate 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 work 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.

12. 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.)

Set CIBP @ +/- 4900' (top perms at 4945-4974)
Cap CIBP with 6 sacks (+/- 50')

Spot 40 sack plug 2450' - 2800'
Cut 5 1/2" casing at 2100'
Spot 30 sack plug 2100' - 2050' in open hole estimated 10" diameter
Spot 60 sack plug across base of 8 5/8" surface casing from 572' - 472'
Spot 40 sack plug from 100' to surface
Cut 8 5/8" casing 3' below ground level
Weld on 1/4" steel plate
Reclaim surface location

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: *4-29-94*
BY: *[Signature]*
Name & Signature: *Vernon Main* Title: *President* Date: *4/13/94*

(This space for State use only)

approved as per attached slips.

FORM 8

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:
~~8-58416-00; 8-58416-01;~~
~~8-58416-02~~

SUNDRY NOTICES AND REPORTS ON WELLS

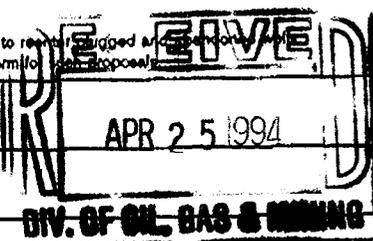
6. Indian, Alutian or Tribe Name:

see

Do not use this form for proposals to drill new wells, deepen existing wells, or to recomplete abandoned wells. Suggested and approved only. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for other proposals.

7. Unit Agreement Name:

1. Type of Well: OIL GAS OTHER:



8. Well Name and Number:

Ironwood Gulf 12-5

2. Name of Operator:

Ironwood Exploration, Inc.

9. API Well Number:

43-013-30885

3. Address and Telephone Number:

210 Oil & Gas Building, New Orleans, LA 70112

10. Field and Pool, or Wildcat:

Brundage Canyon

4. Location of Well

Footages: 2273' FNL 564' FWL

County: Duchesne

O.G. Sec., T., R., M.:

State: Utah

11. 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

Approximate 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 work 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.

12. 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.)

Set CIBP @ +/- 4900' (top perfs at 4945-4974)
Cap CIBP with 6 sacks (+/- 50')

Spot 40 sack plug 2450' - 2800'
Cut 5 1/2" casing at 2100'
Spot 30 sack plug 2100' - 2050' in open hole estimated 10" diameter
Spot 60 sack plug across base of 8 5/8" surface casing from 572' - 472'
Spot 40 sack plug from 100' to surface
Cut 8 5/8" casing 3' below ground level
Weld on 1/4" steel plate
Reclaim surface location

13.

Name & Signature:

Vernon Main

Title: President

Date: 4/13/94

FORM 8

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter abandoned wells and abandoned reservoirs.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:
~~8-58416-00~~, ~~8-58416-01~~
~~8-58416-02~~ *PO*

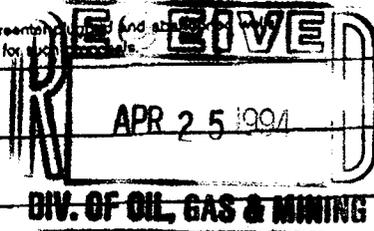
6. If Indian, Alottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:
Ironwood Gulf 12-5

9. API Well Number:
43-013-30885

10. Field and Pool, or Wildcat:
Brundage Canyon



1. Type of Well: OIL GAS OTHER:

2. Name of Operator:
Ironwood Exploration, Inc.

3. Address and Telephone Number:
210 Oil & Gas Building, New Orleans, LA 70112

4. Location of Well
Footage: 2273' FNL 564' FWL
OO, Sec. T., R., M.:

County: Duchesne
State: Utah

11. 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

Approximate 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 work 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.

12. 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.)

Set CIBP @ +/- 4900' (top perfs at 4945-4974)
Cap CIBP with 6 sacks (+/- 50')

Spot 40 sack plug 2450' - 2800'
 Cut 5 1/2" casing at 2100'
 Spot 30 sack plug 2100' - 2050' in open hole estimated 10" diameter
 Spot 60 sack plug across base of 8 5/8" surface casing from 572' - 472'
 Spot 40 sack plug from 100' to surface
 Cut 8 5/8" casing 3' below ground level
 Weld on 1/4" steel plate
 Reclaim surface location

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 4-29-94
BY: *[Signature]*

13. Name & Signature: Vernon Main *[Signature]* Title: President Date: 4/13/94

(This space for State use only)

approved as per attached slips



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

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

April 29, 1994

STIPULATIONS FOR PLUGGING & ABANDONMENT
IRONWOOD GULF 12-5
SECTION 12, TOWNSHIP 5 SOUTH, RANGE 4 WEST
DUCHESNE COUNTY, UTAH
API # 43-013-30885

1. After capping CIBP with cement @ 4900' test casing to 500 psi for 15 min.
2. No mention is made of plugging fluid. Plugging fluid should be a noncorrosive fluid of sufficient weight to prevent migration of fluids from zone to zone inside the casing should it leak at any time.
3. When casing is cut a plug is required 50' inside the stub and 50' outside the stub. Where cuts are made and casing not pulled a balanced cement plug will be placed across the cut. Also the plug inside and out of the stub will have to be tagged.
4. The Division must be notified 24 hrs. prior to plugging the well.

A handwritten signature in black ink, appearing to be 'JWC'.

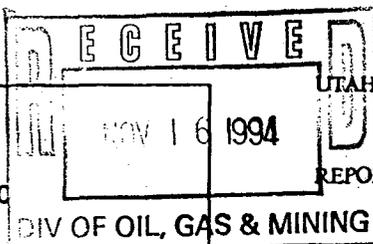


STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

VERNON MAIN JR
IRONWOOD EXPLORATION INC
210 OIL & GAS BLDG
NEW ORLEANS LA 70112



UTAH ACCOUNT NUMBER: N9270

REPORT PERIOD (MONTH/YEAR): 09/94

AMENDED REPORT (Highlight Changes)

| Well Name API Number | Entity Location | Producing Zone | Well Status | Days Oper | Production Volumes | | | |
|---|--------------------|-------------------|----------------|--------------|--------------------|----------|------------|--|
| | | | | | OIL(BBL) | GAS(MCF) | WATER(BBL) | |
| IRONWOOD-GULF-FOY 12-5 4301330885 09101 05S 04W 12 | | GRRV | PA | 10/28/94 | ✓ (*) | | | |
| UTE TRIBAL 23-3 4301330886 09102 05S 04W 23 | | GRRV | | | | | | |
| UTE TRIBAL 12-11 4301330854 09103 05S 04W 12 | | GRRV | PA | 10/26/94 | ✓ (*) | | | |
| UTE TRIBAL 25-5 * 4301330944 09105 05S 04W 25 | | GRRV | POW | 30 | 20 | 25 | 0 | |
| UTE TRIBAL 25-2 * 4301331213 09105 05S 04W 25 | | GRRV | POW | 30 | 179 | 25 | 30 | |
| UTE TRIBAL 25-6 * | | Injection well | | | | | | |
| TOTALS | | | | | 199 | 50 | 30 | |

COMMENTS:

Pluggings confirmed by Plugging companies (provided dates).
No paperwork available from operator - DTS 11/17/94

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

Name and Signature:

Garman J. Shinn Jr.

Date: 11/14/94

Telephone Number: (504) 244-1490

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ABANDONMENT OPERATIONS

COMPANY NAME: IRONWOOD EXPLORATION, INC.

WELL NAME: IRONWOOD GULF 12-5

QTR/QTR: SW/NW SECTION: 12 TOWNSHIP: 5S RANGE: 4W

COUNTY: DUCHESNE API NO: 43-013-30885

CEMENTING COMPANY: HALLIBURTON WELL SIGN: NO

INSPECTOR: DAVID W. HACKFORD TIME: VAR. DATE: 10/27 TO 10/28/94

CEMENTING OPERATIONS: PLUGBACK: _____ SQUEEZE: _____ P&A WELL: X

SURFACE PLUG: 0'-640' INTERMEDIATE PLUG: 2446'-2796'

BOTTOM PLUG SET @: 4900' WIRELINE: _____ MECHANICAL: X

PERFORATIONS: NA SQUEEZE PRESSURE: NA

CASING SIZE: SURFACE: 8 5/8" PRODUCTION: 5 1/2"

GRADE: SURFACE: UNKNOWN PRODUCTION: UNKNOWN

PRODUCTION CASING TESTED TO: 500 PSI TIME: 15 MIN:

SLURRY INFORMATION: (INCLUDE NO. OF SACKS CLASS AND ADDITIVES)

1. SURFACE PLUG: 100 SX CLASS G NEAT

2. INTERMEDIATE PLUGS: 40 SX CLASS G NEAT

3. BOTTOM PLUG: _____

4. CEMENT ON TOP OF PLUG: 10 SX CLASS G ON TOP OF CIBP

5. ANNULUS CEMENTED: 25 SX CLASS G 2% CACL PUMPED 1/2 BARREL PER MINUTE AT 800 PSI

6. FLUID IN WELL BORE: 10 GALLONS CPF #1 (WESTERN UNILCHEM) MIXED WITH 5000 GALLONS PRODUCTION WATER.

ABANDONMENT MARKER SET:

PLATE: _____ PIPE: X CORRECT INFORMATION: YES



JOB LOG HAL-2013-C

| | | | | |
|--------------------------|-------------------------|----------------------|------------------------|-----------------------------|
| CUSTOMER WISCO | WELL NO. 12-5 | LEASE GULF | JOB TYPE PTA | TICKET NO. 744510 |
|--------------------------|-------------------------|----------------------|------------------------|-----------------------------|

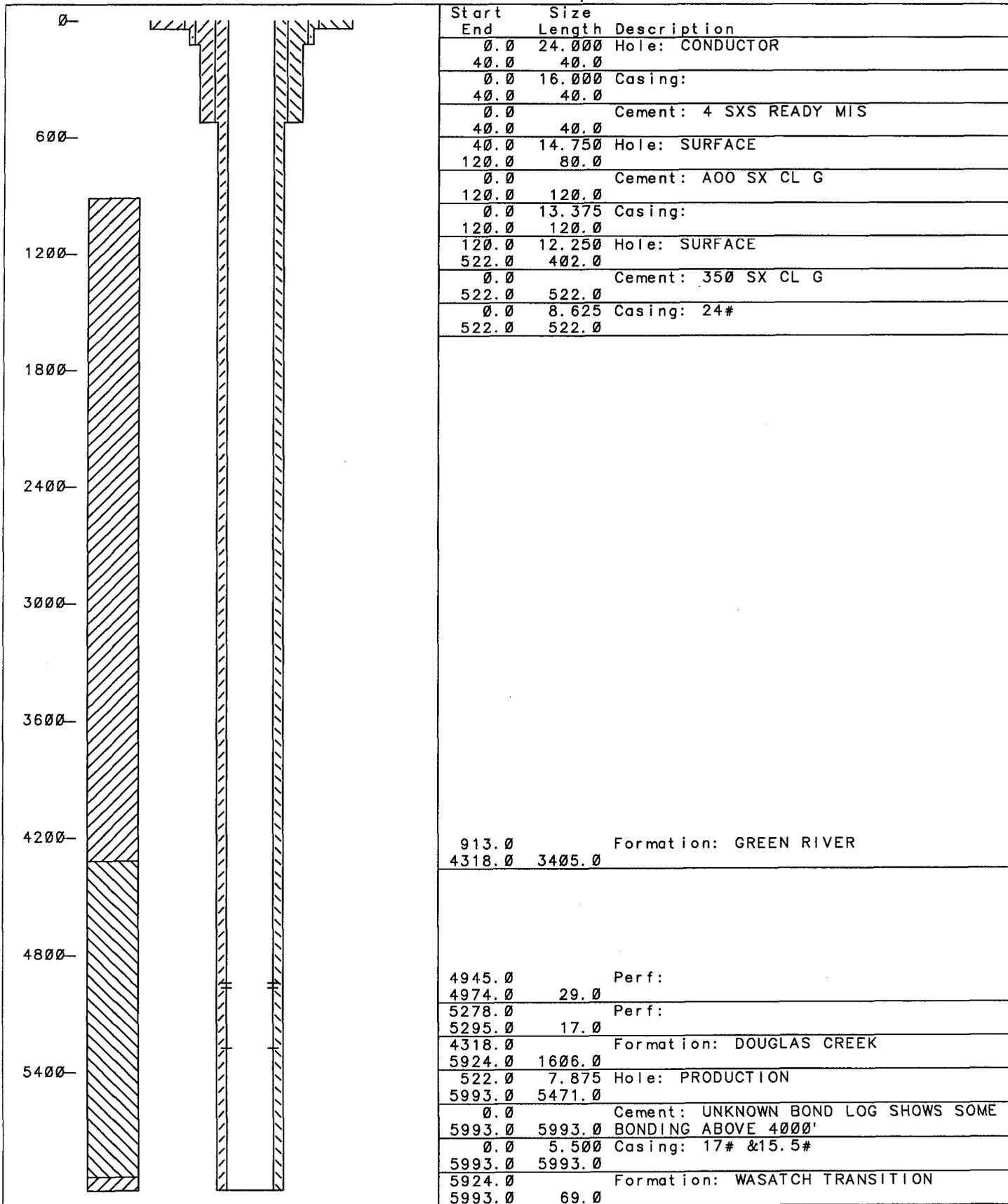
| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|------|------------|--------------------|-------|---|----------------|--------|--|
| | | | | T | C | TUBING | CASING | |
| | 0630 | | | | | | | ON LOCATION |
| | 0800 | 7 | 0 | | | | 600 | START FRESH DOWN ANNULAR |
| | 0806 | 5 | 5 | | | | 300 | END FRESH |
| | 0810 | 5 | 5 | | | | 700 | START 25SK CEMENT 2% CC 1.15 ^{CG} /FT 15-8 [#] |
| | 0820 | 5 | 5 | | | | 600 | END CEMENT |
| | 0820 | 5 | 0 | | | | 600 | START DISP. |
| | 0822 | 1 | 1 | | | | 500 | CLEAR PUMP & LINES CLOSE VALVE |
| | | | | | | | | HOOK UP TO TUBING & 4890 |
| | 0825 | 2 | 0 | | | | | START FRESH FILL HOLE |
| | | 5 | 5 | | | 500 | | HOLE FULL TEST |
| | | | | | | 500 | | CASING VALVE LEAK CHANGE OUT |
| | 0835 | | | | | 500 | | TEST |
| | 0840 | | | | | | | GOOD |
| | 0845 | 4 | 0 | | | | | START FRESH |
| | 0846 | 4 | 5 | | | | | END FRESH |
| | 0846 | 4 | 0 | | | | | START 10SK CEMENT 1.15 ^{CG} /FT 15-8 [#] |
| | 0847 | 4 | 2 | | | | | END CEMENT |
| | 0847 | 4 | 0 | | | | | START DISP. |
| | 0852 | | 27.5 | | | | | END DISP POOH TO 2800 FT |
| | 0955 | 4 | 0 | | | | | START FRESH |
| | 0957 | 9 | 5 | | | | | END FRESH |
| | 1000 | 4 | 0 | | | | | START 40 SK CEMENT 1.15 ^{CG} /FT 15-8 [#] |
| | 1002 | 4 | 8 | | | | | END CEMENT |
| | 1002 | 4 | 0 | | | | | START DISP. |
| | 1006 | 14 | 14 | | | | | END DISP POOH TO 650 |
| | 1140 | 4 | 0 | | | | | START FRESH |
| | 1142 | 4 | 5 | | | | | HOLE FULL |
| | 1142 | 4 | 0 | | | | | START 100SK CEMENT 1.15-15-8 [#] |
| | 1147 | 28 | 28 | | | | | END CEMENT POOH |
| | 1215 | 20 | 20 | | | | | TOP OFF 5 1/2 |

Lease: IRONWOOD GULF FOY
Well #: 12-5

API #: 43-013-30885-
Location: Sec 12 Twn 05S Rng 04W
County: DUCHESNE
State: UTAH
Field: BRUNDAGE CANYON
Operator: IRONWOOD EXPLOARTION

Spud Date: 12/27/1983
KB: 5886
TD: 6010

Comp Date: 02/19/1984
ELEV: 5870
PBD: 0



Lease: IRONWOOD-GULF-FOY
 Well #: 12-5

API #: 43-013-30885-
 Location: Sec 12 Twn 05S Rng 04W
 County: DUCHESNE
 State: UTAH
 Field: BRUNDAGE CANYON
 Operator: IRONWOOD EXPLORATION INC.

Spud Date: 12/27/1983
 KB: 5886
 TD: 6010

Comp Date: 02/19/1984
 ELEV: 5870
 PBD: 0

| | Start End | Size Length | Description |
|-------|--------------|----------------|--------------------------------|
| | | | |
| | 0.0 | 24.000 | Hole: CONDUCTOR |
| | 40.0 | 40.0 | |
| | 0.0 | 16.000 | Casing: |
| | 40.0 | 40.0 | |
| | 0.0 | | Cement: 4 YDS READY MIX |
| | 40.0 | 40.0 | |
| 610- | 40.0 | 15.000 | Hole: CONDUCTOR |
| | 120.0 | 80.0 | |
| | 0.0 | | Cement: 100 SXS |
| | 120.0 | 120.0 | |
| | 0.0 | 13.375 | Casing: CONDUCTOR |
| | 120.0 | 120.0 | |
| 1220- | 120.0 | 12.250 | Hole: SURFACE |
| | 522.0 | 402.0 | |
| | 0.0 | | Cement: 350 SX |
| | 522.0 | 522.0 | |
| | 0.0 | 8.625 | Casing: SURFACE 24# |
| | 522.0 | 522.0 | |
| 1830- | | | |
| 2440- | | | |
| 3050- | | | |
| 3660- | | | |
| 4270- | | | |
| 4880- | 4945.0 | | Perf: 2SPF |
| | 4974.0 | 29.0 | |
| | 5278.0 | | Perf: 2JSPF |
| | 5295.0 | 17.0 | |
| 5490- | | | |
| | 0.0 | 5.500 | Casing: PRODUCTION 17# AND 15# |
| | 5993.0 | 5993.0 | |
| | 522.0 | 7.875 | Hole: PRODUCTION |
| | 6010.0 | 5488.0 | |

INSPECTOR: JL INSP DATE: 910213 COMMENT :
REVIEWED : NEXT INSP: 920213 JL REASON: 103 :

OPERATOR : N9270 : IRONWOOD EXPLORATION INC LEASE: FEE
WELL NAME: IRONWOOD-GULF-FDY 12-5 API : 43-013-30885
S: 12 T: 5.0 S R: 4.0 W CONTRACTOR : *****
COUNTY : DUCHESNE FIELD: 072 : BRUNDAGE CANYON

DRILLING/COMPLETION/WORKOVER:

* APD * WELL SIGN * HOUSEKEEPING * ROPE
* SAFETY * POLLTN CNTL * SURFACE USE * PITS
* OPERATIONS * OTHER

SHUT-IN Y / TA * :
Y WELL SIGN Y HOUSEKEEPING Y EQUIPMENT* Y SAFETY
* OTHER

ABANDONED:

* MARKER * HOUSEKEEPING * REHABILITATION * OTHER

PRODUCTION:

* WELL SIGN * HOUSEKEEPING * EQUIPMENT* * FACILITIES
* METERING* * POLLTN CNTL * PITS * DISPOSAL
* SECURITY * SAFETY * OTHER

GAS DISPOSITION:

* VENTED/FLARED * SOLD * LEASE USE (NOT PRINTED)

PF KEYS: (1) NO UPDT (9) WELL DATA (10) COMMENTS (12) DELETE (16) EXIT

OIL AND GAS INSPECTION COMMENTS

PAGE 2

WELL NAME: IRONWOOD-GULF-FDY 12-5 API: 43-013-30885
INSPECTOR: JL DATE: 910213 REVIEWED: NEXT INSP: 920213

*FACILITIES INSPECTED:

LOCATION, WELLHEAD, 1 TANK. *****

REMARKS:

SDW, 1-400 BBL PRODUCTION TANK, NO ACTIVITY APPARENT FOR QUITE SOME TIME. *****

ACTION:

PF KEYS: (1) NO UPDATE (10) COMMENTS (12) DELETE DATA

MICROFICHE

Routing:

| | |
|------------------------------------|-------------------------------------|
| 1- LCR / GIL | <input checked="" type="checkbox"/> |
| 2- DPS / VLC | <input checked="" type="checkbox"/> |
| 3- VLC | <input checked="" type="checkbox"/> |
| 4- RJF | <input checked="" type="checkbox"/> |
| 5- RWM | <input checked="" type="checkbox"/> |
| 6- ADA | <input checked="" type="checkbox"/> |

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) ~~XXX~~ Designation of Agent / **CANCELLED**
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 10-01-92)

| | | | |
|-------------------|---------------------------------|------------------------|----------------------------------|
| TO (new operator) | <u>IRONWOOD EXPLORATION INC</u> | FROM (former operator) | <u>IRONWOOD EXPLORATION INC</u> |
| (address) | <u>535 GRAVIER ST</u> | (address) | <u>C/O GAVILAN PETROLEUM INC</u> |
| | <u>NEW ORLEANS, LA 70130</u> | | <u>3030 S MAIN STE 500</u> |
| | <u>VERNON MAIN JR</u> | | <u>SALT LAKE CITY, UT 84115</u> |
| phone (504) | <u>568-1249</u> | phone (801) | <u>466-8960</u> |
| account no. | <u>N 9270</u> | account no. | <u>N9270(A)</u> |

Well(s) (attach additional page if needed):

| | | | | |
|---|--------------------------|---------------------|---|---------------------------|
| Name: IRONWOOD-GILF FOX 12-5 | API: <u>43-013-30885</u> | Entity: <u>9101</u> | Sec <u>12</u> Twp <u>5S</u> Rng <u>4W</u> | Lease Type: <u>FREE</u> |
| Name: <u>UTE TRIBAL 23-3/GRRV</u> | API: <u>43-013-30886</u> | Entity: <u>9102</u> | Sec <u>23</u> Twp <u>5S</u> Rng <u>4W</u> | Lease Type: <u>INDIAN</u> |
| Name: <u>UTE TRIBAL 12-11/GRRV</u> | API: <u>43-013-30854</u> | Entity: <u>9103</u> | Sec <u>12</u> Twp <u>5S</u> Rng <u>4W</u> | Lease Type: <u>INDIAN</u> |
| Name: <u>UTE TRIBAL 25-5/GRRV</u> | API: <u>43-013-30944</u> | Entity: <u>9105</u> | Sec <u>25</u> Twp <u>5S</u> Rng <u>4W</u> | Lease Type: <u>INDIAN</u> |
| Name: <u>UTE TRIBAL 25-2/GRRV</u> | API: <u>43-013-31213</u> | Entity: <u>9105</u> | Sec <u>25</u> Twp <u>5S</u> Rng <u>4W</u> | Lease Type: <u>INDIAN</u> |
| Name: <u>*UTE TRIBAL 25-6/GRRV</u> | API: <u>43-013-31202</u> | Entity: <u>9105</u> | Sec <u>25</u> Twp <u>5S</u> Rng <u>4W</u> | Lease Type: <u>INDIAN</u> |
| Name: <u>*WIW</u> | API: _____ | Entity: _____ | Sec _____ Twp _____ Rng _____ | Lease Type: _____ |

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 12-16-92)*
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.
- N/A 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(12-21-92) * Deleted alternate address for Ironwood from screen # 53.*
- See 6. Cardex file has been updated for each well listed above. *(12-21-92)*
- See 7. Well file labels have been updated for each well listed above. *(12-21-92)*
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(12-21-92)*
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

** Not an operator change / Agent only!*

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- 2. A copy of this form has been placed in the new and former operators' bond files.
- 3. The former operator has requested a release of liability from their bond (yes/no) ____.
Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 2. Copies of documents have been sent to State Lands for changes involving State leases.

INDEXING

- 1. All attachments to this form have been microfilmed. Date: Jan 4 1993.

FILED

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

921221 Gavilan Petroleum Inc. no longer acting as Agent for Ironwood Explor. Inc.
(Operator has remained Ironwood Explor. Inc.)