

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
NOV 30 1994  
DIV OF OIL, GAS & MINING

FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK  
DRILL  DEEPEN

b. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER

SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
Freedom Energy, Inc.

3. ADDRESS AND TELEPHONE NO.  
1433 - 17th St., Suite #300, Denver, CO 80202 303-292-2442

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface  
1305 FEL, 1193 FSL  
At proposed prod. zone  
same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
17 miles south of Bonanza, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1193 feet

16. NO. OF ACRES IN LEASE 2,494.86

17. NO. OF ACRES ASSIGNED TO THIS WELL 160.00

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

19. PROPOSED DEPTH 5,300 feet

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6,143' (GR)

22. APPROX. DATE WORK WILL START\* December 1, 1994

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36# J55 LTC	300' (new)	Determined upon caliper log.
* 7 7/8"	4 1/2"	11.6# J55 LTC	5,300'	

\* If productive, production casing shall be set to T.D., Class G cement will be used to cover all productive zones as necessary.

If well is dry, the well will be plugged and abandoned pursuant to ~~State~~ <sup>Federal</sup> regulations.

24. IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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.

SIGNED [Signature] TITLE Agent DATE 10/24/94

(This space for Federal or State office use)

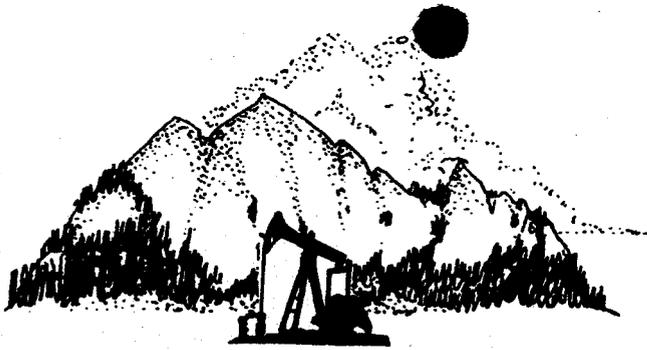
PERMIT NO. 43-047-32604 APPROVAL DATE APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE DATE: 1/3/95 BY: [Signature]

\*See Instructions On Reverse Side WELL SPACING: 1649-2-3

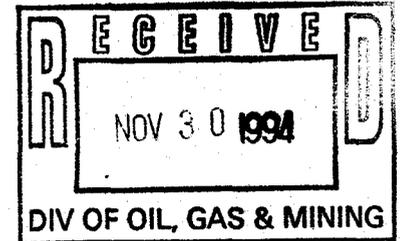


## DOLAR OIL PROPERTIES

9035 South 700 East  
Sandy, UT 84070-2418  
(801) 561 - 3121

November 28, 1994

Utah State Division of Oil & Gas  
ATTN: Frank Matthews  
3 Triad Center - Suite 350  
Salt Lake City, Utah 84180-1203



Re: Hanging Rock #24-13 Well  
Thimble Rock #23-15 Well  
Uintah County, Utah

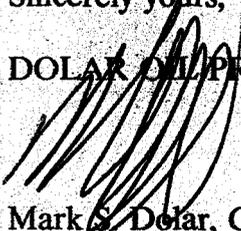
Dear Frank:

Enclosed please find APD files for the above-referenced wells for your information. Please appoint each well an API number as we anticipate approval by the BLM to come within the next week.

Your attention to this matter is appreciated. Please do not hesitate to call if there are any questions.

Sincerely yours,

DOLAR OIL PROPERTIES

  
Mark S. Dolar, CPL

/mi  
Enclosures

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**R E C E I V E**  
 NOV 30 1994  
**DIV OF OIL, GAS & MINING**

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No. **U-66761**  
 6. If Indian, Allottee or Tribe Name

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
 Freedom Energy, Inc.

3. Address and Telephone No.  
 1433 - 17th St., Suite #300, Denver, CO 80202 303-292-2242

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1305 FEL, 1193 FSL  
 Sec. 23, T11S-R24E, SLM

7. If Unit or CA, Agreement Designation

Thimble Rock

8. Well Name and No.

Thimble Rock Federal #23-15

9. API Well No.

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

- Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other \_\_\_\_\_
- Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

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

13. 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.)\*

Pursuant to letter dated November 3, 1994, this Sundry Notice is to serve for final APD approval of the Thimble Rock Federal 23-15 well.

1. Attached are seven (7) copies of the Freedom Energy, Inc. Self-Certification Statement.
2. Thimble Rock's bond is being prepared and will be forwarded.
3. Water will be hauled from the Target Trucking Water Well Permit, Permit #49-1540, located in the NE¼ of Section 28, T11S, R25E. Said location is 1,750' from the South line, 2,600' from North line of Section 28. Alternatively, water will be obtained from U. S. Department of Interior, at Permit #49-331, located 1,220' from South line, 700 from East line in the Northwest corner of Section 20, T11S, R23E. State water use authorization will be forthcoming. Water consumption will not exceed one acre foot of water.
4. BLM Interim Policy requires that specific information is considered within the National Environmental Policy Act (NEPA) review process on hazardous materials associated with a proposed action on the public lands. Your APD must include the following information:
  1. (A) No chemicals from the Environmental Protection Agency's Consolidated List of Chemicals Subject to Reporting Under Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986, in the amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well.
  - (B) No extremely hazardous substances, as defined in 40 CFR 355, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.
  2. If no hazardous materials that meet the limitations of (A) or (B) above are to be associated with the proposed action, it should be so stated in the APD. A statement needs to be provided for both categories (A) and (B).
  3. Exemption status, which may be relevant to applicability or liability under a different law, is not relevant to environmental impact analysis under NEPA.
5. The cement program will be as follows:  
 Surface: 185 sacks of Class "G" cement with 2% calcium chloride will be used. Slurry tail 400 cubic feet of Super "G" Class "G" with additives of 3% salt, 2% gel, 2 lbs. per hiesel two, 1/4 lb. per colloceal.  
 Filler Cement: 415 sacks of 50-50% base of a Class "G" cement, 2% gel, 4% CF<sub>2</sub>, 2 lbs. of hiesel two, 1/4 Lb. gloseel.
6. A mud logger will be on location beginning at the depth of 3,000 feet to total depth drilled.

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

Signed \_\_\_\_\_  
 (This space for Federal or State office use)

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

Date: 11/15/94

Approved by \_\_\_\_\_  
 Conditions of approval, if any:

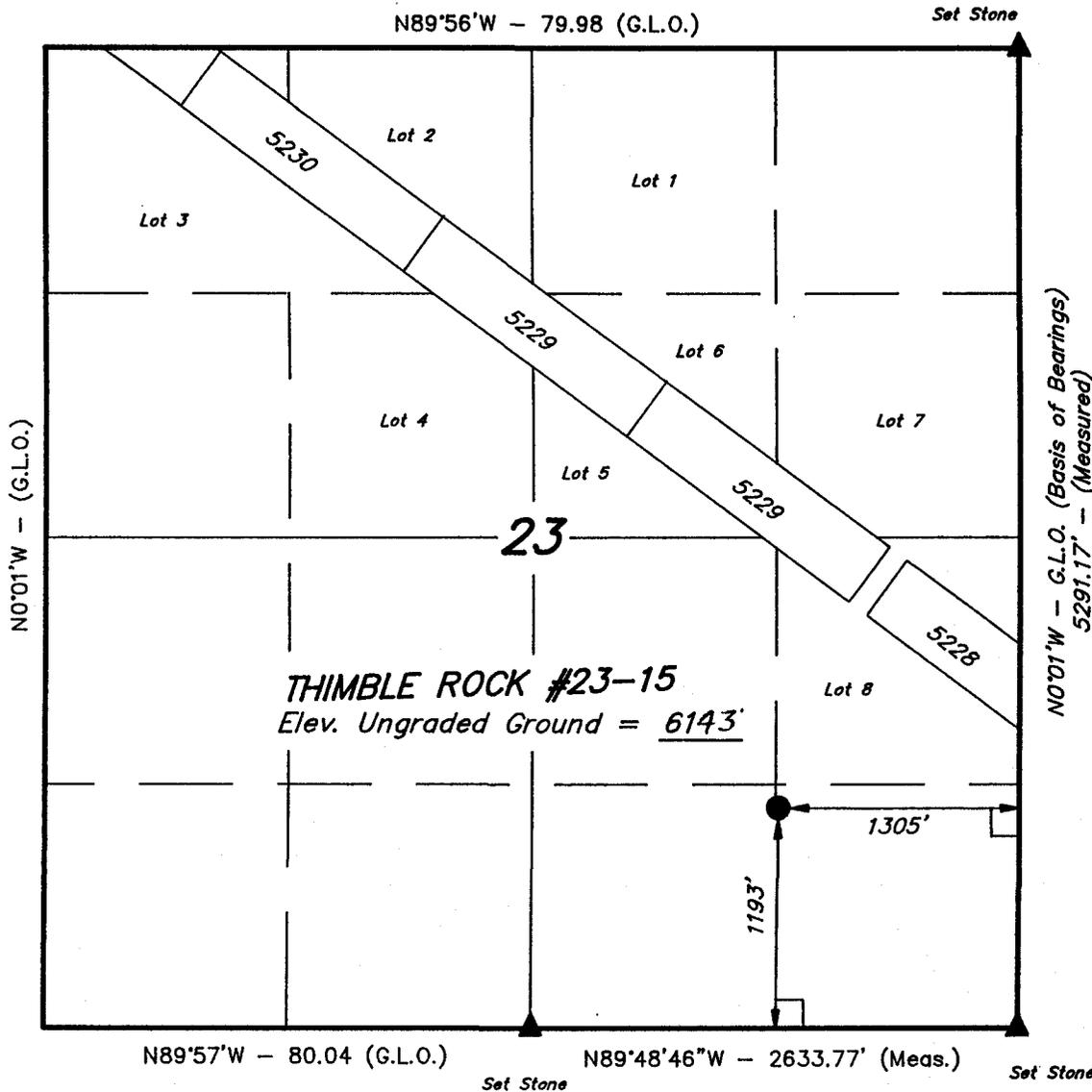
DATE: 1-3-95  
 BY: *[Signature]*

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to the Government or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

T11S, R24E, S.L.B.&M.

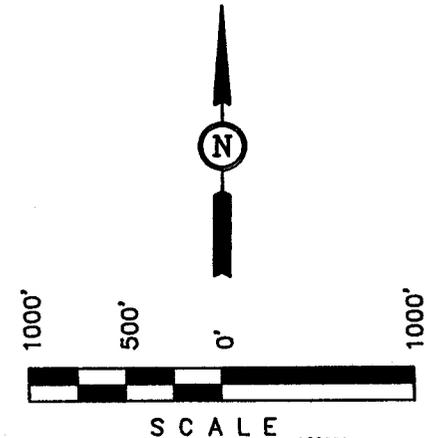
FREEDOM ENERGY, INC.

Well location, THIMBLE ROCK #23-15 located as shown in the SE 1/4 of Section 23, T11S, R24E, S.L.B.&M. Uintah County, Utah.



BASIS OF ELEVATION

BENCH MARK 95 EAM, 1965 LOCATED IN THE E 1/2 SECTION 23, T11S, R24E, S.L.B.&M. TAKEN FROM THE RAINBOW QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6156 FEET.



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.

REVISED: 10-13-94 D.J.S.  
REVISED: 10-11-94 D.J.S.  
REVISED: 5-31-91

*Robert L. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 5709  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(801) 789-1017

▲ = SECTION CORNERS LOCATED.

SCALE 1" = 1000'	DATE 5-21-91
PARTY G.S. D.A. T.D.H.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE WASATCH GAS DEVELOPMENT INC.

BUREAU OF LAND MANAGEMENT  
VERNAL DISTRICT

CONDITIONS OF APPROVAL FOR PERMIT TO DRILL

Company: FREEDOM ENERGY, INC. Well No.: THIMBLE ROCK FEDERAL #23-15  
Location: Sec. 23: SW1/4SE1/4 T. 11 South, R. 24 East, S.L.M. Lease U-66761  
Onsite Inspection date: October 12, 1994

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

**A. DRILLING PROGRAM:**

**1. Surface formation and Estimated Formation Tops:**

Green River formation	--	Surface
Wasatch formation	--	2,600 feet
Mesaverde formation	--	4,500 feet

**2. Estimated Depth at Which Oil, Gas, Water or other Mineral-Bearing Zones Are Expected to be Encountered:**

	Formation	Depth
Expected Oil Zones:	None	
Expected Gas Zones:	Wasatch	2,600'
	Mesaverde	4,500'-5,300'
Expected Water Zones:	None	
Expected Mineral Zones:	None	

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth, cased and cemented. All oil and gas shows considered worthy of testing will be tested to determine commercial potential.

**3. Pressure Control Equipment:**

Bottom Hole Pressures will be checked by pressure method prior to drilling. A Rotating Head will be used and checked. The anticipated bottom hole pressure will be 1,850 psi. See the attached Exhibit "A", for a diagram of the equipment which will be used in testing procedures.

BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and will be recorded on the daily drilling report. The Resource Area will be notified 1 day in advance when pressure tests are to be conducted.

**4. Casing Program and Auxiliary Equipment:**

A 12-1/4 inch hole will be drilled to from the surface to the depth of 300 feet, with 9-5/8 inch casing being set. A 7-7/8 inch hole will then be drilled to total depth, with 4-1/2" production casing being set to T.D. New, 11.6 lb casing will be used, the grade of casing will be K55. Class G cement will be used to cover all productive zones, the ratio will be 15.6 pounds per gallon. The same mixture of filler cement will be used to the depth of 1,000 feet above total depth drilled.

Anticipated cement tops will be reported as to depth, not the expected number of sacks. The Resource Area will be notified 1 day in advance when running casing strings and cement.

**5. Mud Program and Circulating Medium:**

The well will be drilled with 2% KCl water to the top of the Wasatch formation (approximately 2,600 feet), KCl-Polymer will then be used in drilling to total depth. The anticipated mud weight will be 9 pounds.

WP52APD.TR

**6. Coring, Logging and Testing Program:**

Gamma Ray-Dual Induction, Simultaneous Compensated Neutron Litho-Density log and possibly Sonic log will be used. All logs will be run from the depth of 300 feet, except the Gamma Ray Log will be pulled to the surface.

Whether the well is completed as a dry hole or as a producer, a "Well Completion and Recompletion Report and Log" (form 3160-4) will be submitted to the District Office not later than thirty (30) days after completion of the well, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well test data, geological summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4.

**7. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards:**

No abnormal gas pressures or temperatures are expected. Hydrogen Sulfide or other hazardous gases or fluids are not expected in the area.

**8. Anticipated Starting Dates and Notifications of Operations:**

The Operator will contact the Book Cliffs Resource Area at Vernal, Utah forty-eight (48) hours prior to beginning any dirt work on this location.

No location will be construed or moved, no well will be plugged, and drilling or workover equipment will not be removed from a well without prior approval of the District Manager. District Manager will also be notified if a well is placed in a suspended status, and approval will be requested from District Manager before resuming operations.

The spud date will be reported orally to the Resource Area Manager within a minimum of twenty-four (24) hours prior to spudding. Written notification in the form of a Sundry Notice (form 3160-5) will be submitted to the District Office within twenty-four hours after spudding. If the spudding occurs on a weekend or holiday, the written report will be submitted on the following regular work day.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 9- 329, "Monthly Report of Operations", starting with the month in which operations commence and continue each month until drilling is concluded. This report will be filed directly with the BLM District Office, 170 East 500 South, Vernal, Utah.

**9. Immediate Reports:**

Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported to the Resource Area in accordance with requirements of NTL-3A.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. In emergency situations, verbal approval to bring on a replacement rig will be approved by the District Petroleum Engineer.

Should the well be successfully completed for production, the District manager will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) business days following the date on which the well is placed on production.

A first production conference will be scheduled within fifteen (15) days after receipt of the first production report. The Resource Area Office will coordinate the field conference.

No well abandonment operations will be commenced without the prior approval of the District Manager. In the case of newly-drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the District Petroleum Engineer. A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the District Manager within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Area manager or his representative, or the appropriate surface managing agency.

Approval to vent/flare gas during initial well evaluation will be obtained from the District Office. This preliminary approval will not exceed 30 days or 50 MMCF gas.

WP52APD.TR

Approval to vent/flare beyond this initial test period will require District Office approval pursuant to guidelines in NTL-4A.

Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6.

- a) The top of the marker will be closed or capped.

The following minimum information will be permanently placed on the marker with a plate, cap or beaded-on with a welding torch:

"Fed" or "Ind", as applicable. "Well number, location by 1/41/4 section, township and range". "Lease number".

**1. Existing Roads:**

- a. Location is 24 miles south of Bonanza, Utah to planned access road.
- b. Access will be obtained by traveling 24 miles south of Bonanza by miles along graveled county road to well access road. Improvements will not be required for use of existing roads.
- c. Improvements and/or maintenance of existing roads will not be necessary.

**2. Planned Access Roads:**

- a. The maximum total distributed will be 50 feet long and 30 feet in width.
- b. Maximum grades will not exceed six percent.
- c. Turnouts:  
No turnouts.
- d. Location (centerline): Centerline has been flagged. The road will be approximately 50 feet long, 30 feet wide with 18 feet running surface.
- e. Drainage will not be required. Low water crossings only.
- f. Surface materials will be purchased from a private source.
- g. Other:  
None

Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional area needed will be approved by the Area Manager in advance.

The access road will be rehabilitated or brought to Resource (Class III) Road Standards within sixty (60) days of dismantling of the drilling rig. If this time frame cannot be met, the Area Manager will be notified so that temporary drainage control can be installed along the access road.

**3. Location of Existing Wells:**

None on Property.

**4. Location of Tank Batteries and Production Facilities:**

All permanent (onsite for six (6) months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, nonreflective, earth tone color to match the standard environmental colors, as determined by the Rocky Mountain Five-State Interagency Committee. All facilities will be painted within six (6) months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded. Colors will be as provided for by the District BLM in Vernal, Utah. If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1-1/2 times the storage capacity of the battery.

All loading lines and valves will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

WP52APD.TR

All off-lease storage, off-lease measurement, or co-mingling on-lease or off-lease will have prior written approval from the District Manager.

All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.

Gas meter runs for each well will be located within five hundred (500) feet of the wellhead. The gas flowline will be buried from the wellhead to the meter along with any other sections occurring on the pad. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three (3) months on new meter installations and at least quarterly thereafter. The Area Manager will be provided with a date and time for the initial meter calibration and all future meter-proving schedules. A copy of the meter calibration reports will be submitted to the Resource Area Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

**5. Location and Type of Water Supply:**

All water needed for drilling purposes will be obtained from the Rockhouse Unit #5-A. Water conversion well located in South 13, T11S, R23E.

A temporary water use permit for this operation will be obtained from the Utah State Engineer. Water obtained on private land, or land administered by another agency, will require approval from the owner or agency for use of the land.

**6. Source of Construction Material:**

Pad construction material will be obtained from the constructing company who obtains the bid to build the pad site.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3. Source of construction material (will/will not) be located on lease.

**7. Methods of Handling Waste Disposal:**

The reserve pit will be lined with a septic type liner.

Three sides of the reserve pit will be fenced with fencing material and/or barbed wire before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying.

All trash must be contained and disposed of by loading and hauling away.

If burning is required, a permit will be obtained from the State Fire Warden.

Produced waste water will be confined to a (lined/unlined) pit for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the District Manager's approval pursuant to Onshore Oil and Gas Order No. 7.

Other:

---

---

**8. Ancillary Facilities:**

Camp facilities will not be required.

**9. Well Site Layout:**

The reserve pit will be located on the East side of the well site.

The top six inches of soil material will be removed from the location and winch-rowed on the East side of the well site. Topsoil along the access road will be reserved in place adjacent to the road.

Access to the well pad will be from the West along the planned access road. The trash pit will be located on the Northeast corner of the well pad.

**10. Plans for Restoration of Surface:**

WP52APD.TR

Immediately upon completion of drilling, the location and surrounding area will be cleared of all remaining debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry.

The operator or his contractor will notify the Vernal District Office at Vernal, Utah, forty-eight (48) hours before starting reclamation work that involves earth moving equipment and upon completion of restoration measures.

All disturbed areas will be recontoured to the approximate natural contours.

---

The winch-rowed stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage. Seeding will occur in October or November.

The following seed mixture will be used:

Indian Grass, or other seedings which match undisturbed lands.

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed within six months from the date of well completion.

---

**Additional Requirements:**

An erosion dam will be built approximately 100 feet below the well pad site to catch silt. A marked "Danger" area south of the location will not be disturbed.

**11. Surface and Mineral Ownership:**

The Federal Government owns all surface and mineral interests.

12. **Other Information:**

a: **Right-of-Way for Gas Pipeline:**

In the event of gas production, Operator intends to lay a two-inch pipeline four and one-half miles long, with a six foot right-of-way width, along county access through Sections 23, 24, 26, 27, 33 and 34 of Township 11 South, Range 24 East; and through Sections 4 and 5, Township 12 South, Range 24 East. A right-of-way easement will be requested to cross fee property located in the W/25W/4 of Section 26, T11S, R24E, as well as across the following federal oil and gas leases:

U-66762 U-54232 U-64833 U-01252A U-014739A U-08424A

See attached Exhibit "B" for map and diagram of proposed right-of-way.

b: A request for an exception of spacing is being filed with the State of Utah to allow drilling closer than 200 feet from the quarter-quarter section line. The location was picked to cause the least amount of surface damage, and the operator owns record title to a three hundred and twenty acre tract surrounding the well, the completion of a well at the proposed site will not infringe on the rights of other operators in the area. After completion of this test well, a spacing order will be filed with the Utah State Oil and Gas Commission to set spacing at a figure determined by Operator to properly drain reserves. See attached Exhibit "C" for a copy of letter.

c: There will be no deviation from the proposed drilling and/or workover program without prior approval from the District Manager. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.2.

d. "Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

e. The direct contractor will be provided with an approved copy of the suther operations in accordance with 43 CFR 3164.

f. The dirt contractor will be provided with an approved copy of the surface use plan.

g. A cultural resource clearance (will/will not) be required before any construction begins. If any cultural resources are found during construction, all work will stop and the District Manager will be notified.

h. This permit will be valid for a period of one (1) year from the date of approval. After permit termination, a new application will be filed for any future operations.

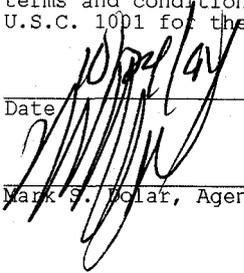
**13. Lessee's or Operator's Representative and Certification**

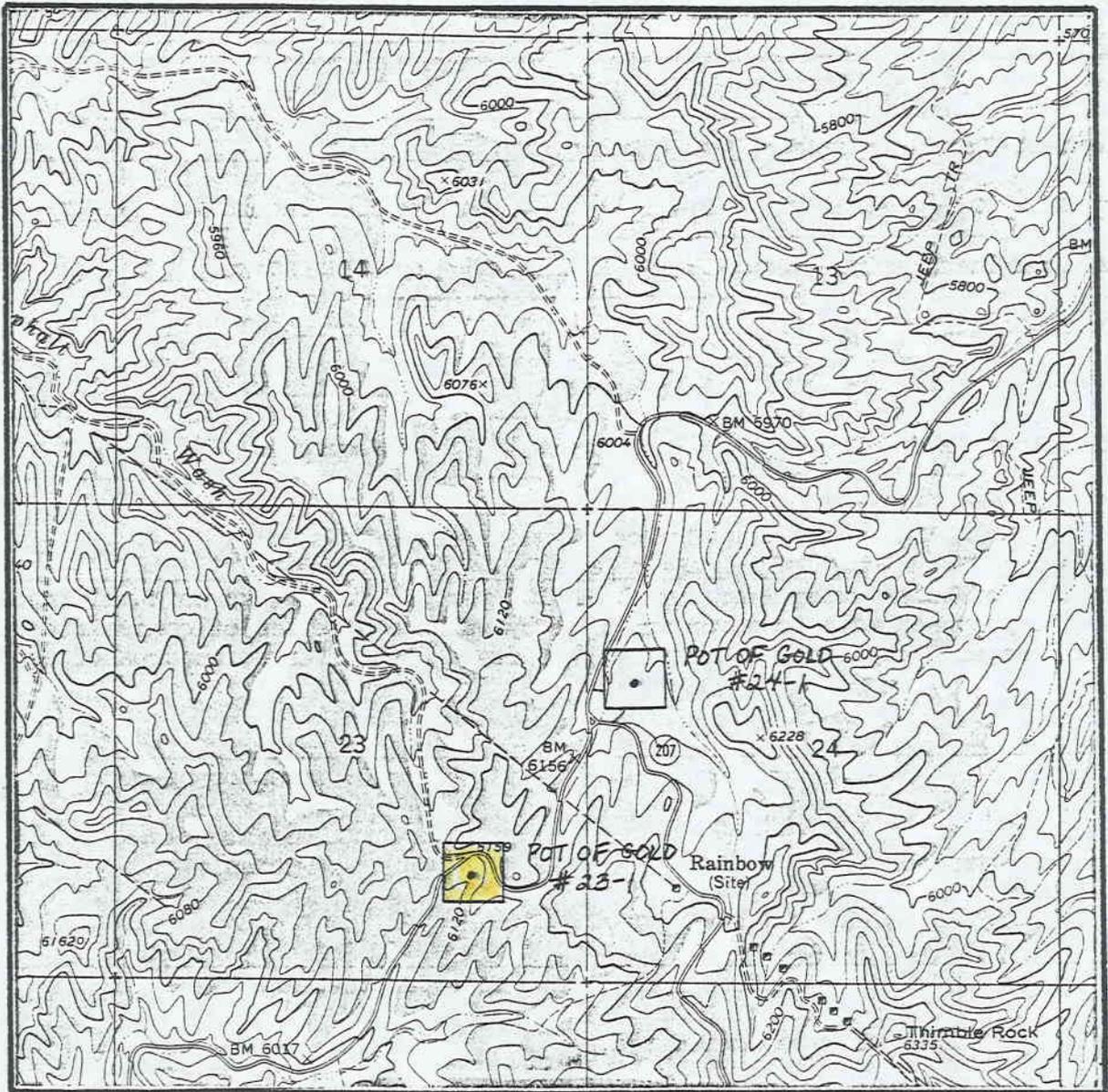
**Representative:**

Name: Mark S. Dolar  
Address: 9035 South 700 East - Suite 100A  
Sandy, Utah 84070-2418  
Phone No.: 801-561-3121

**Certification:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by FREEDOM ENERGY, INC. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. this statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

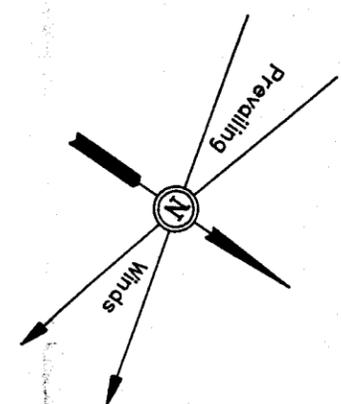
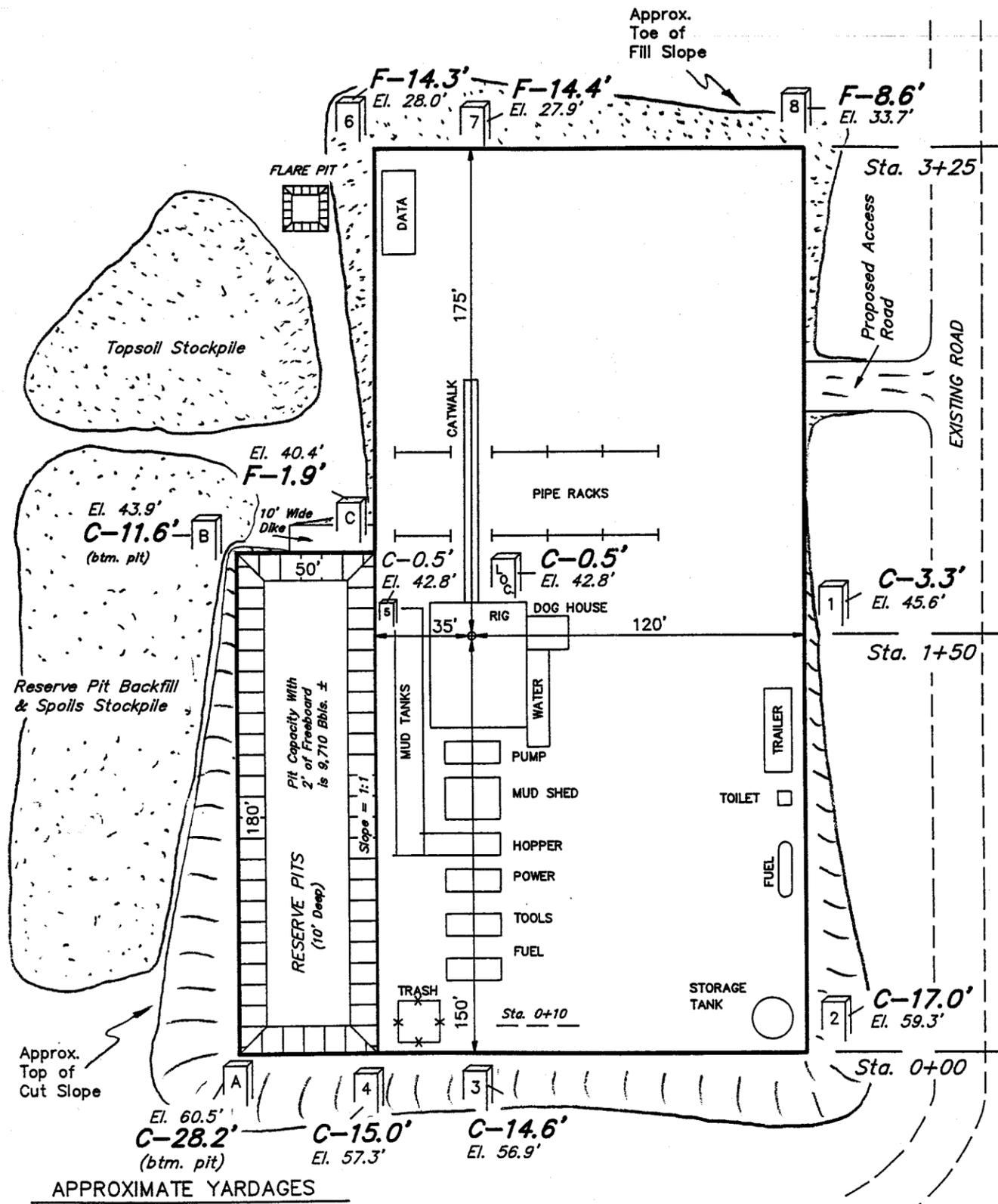
Date \_\_\_\_\_  
  
\_\_\_\_\_  
Mark S. Dolar, Agent



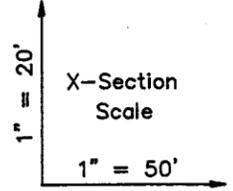
Rainbow Quadrangle  
 Utah--Utintah County  
 1968  
 USGS 7.5' Series (topographic)  
 Scale 1:24000  
 Contour interval 40 feet  
 T. 11S., R. 24E., S.L.B.M.

GRI Project No. 9122 -- Cultural resource inventory of four proposed well locations (Pot of Gold Nos. 24-1, 23-1, 12-1, and 1-1) and related access routes in Uintah County, Utah

FREEDOM ENERGY, INC.  
 LOCATION LAYOUT FOR  
 THIMBLE ROCK #23-15  
 SECTION 23, T11S, R24E, S.L.B.&M.

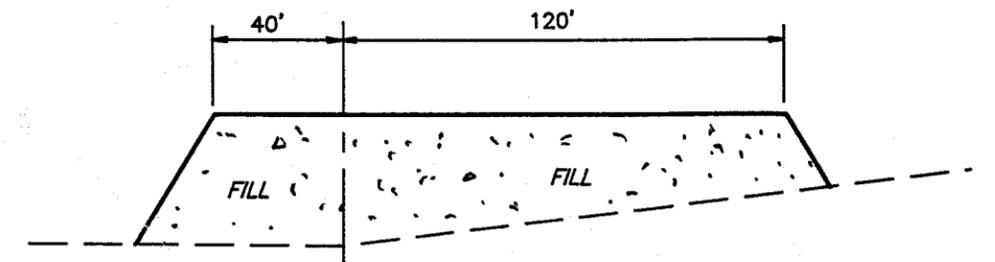


REVISED: 10-15-94 D.J.S.  
 SCALE: 1" = 50'  
 DATE: 5-21-91  
 Drawn By: T.D.H.  
 REVISED: 5-31-91  
 REVISED: 10-11-94 D.J.S.

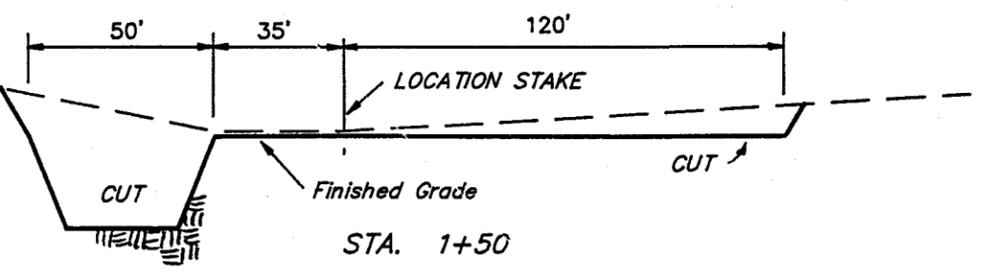


TYP. LOCATION LAYOUT

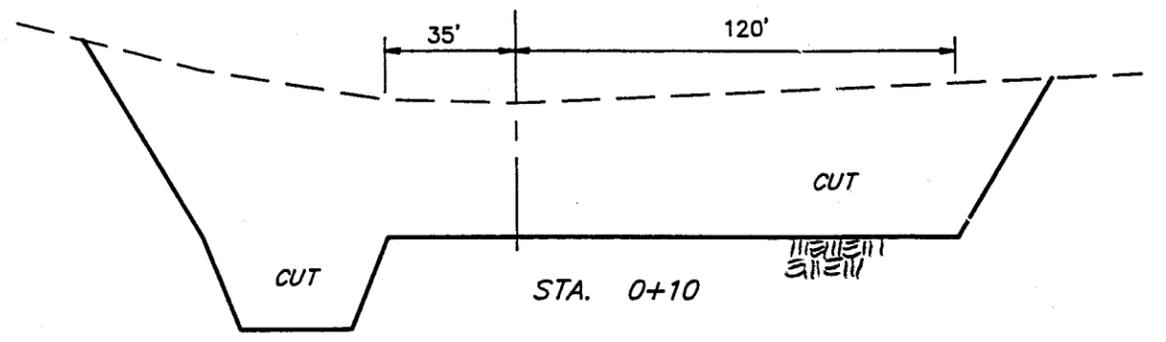
TYP. CROSS SECTIONS



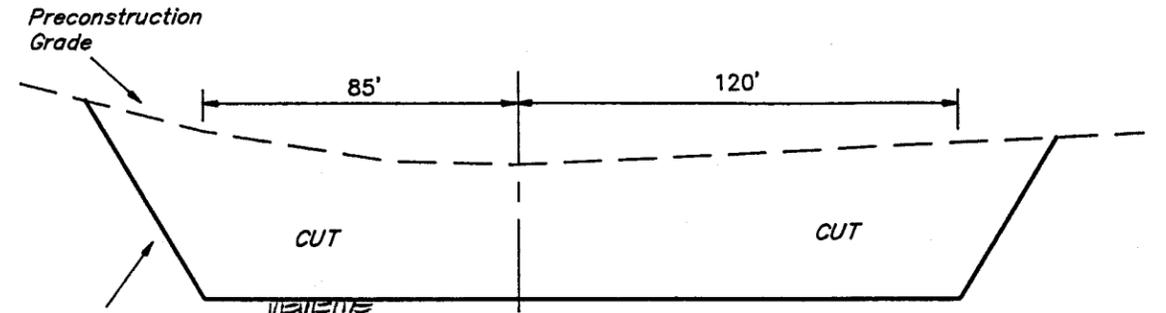
STA. 3+25



STA. 1+50



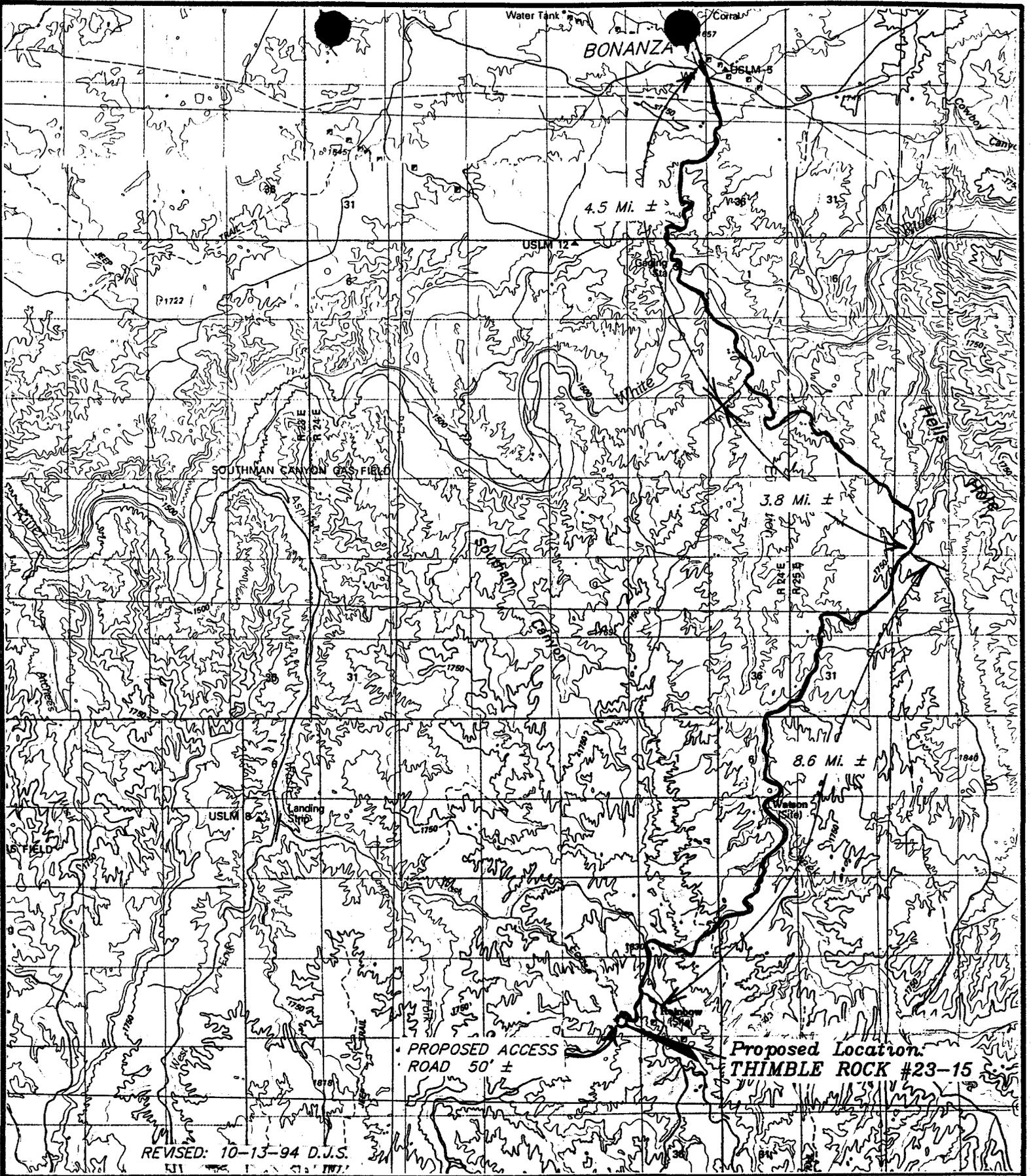
STA. 0+10



STA. 0+00

Elev. Ungraded Ground at Location Stake = 6142.8'

Elev. Graded Ground at Location Stake = 6142.3'

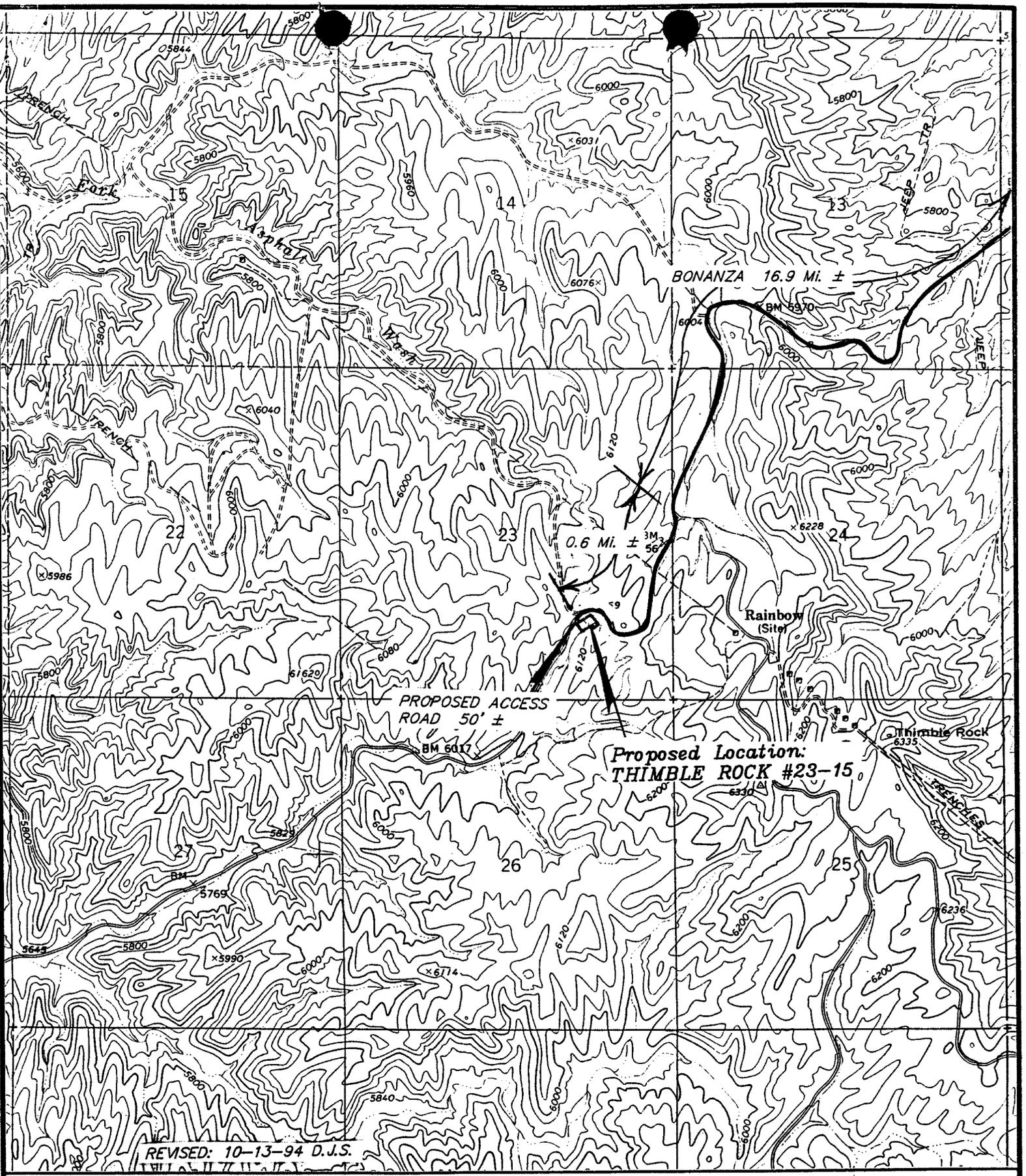


REVISED: 10-13-94 D.J.S.  
 531

REVISED: 10-11-94 D.J.S.  
**TOPOGRAPHIC**  
**MAP "A"**  
 DATE: 5-21-91 R.E.H.



**FREEDOM ENERGY, INC.**  
 THIMBLE ROCK #23-15  
 SECTION 23, T11S, R24E, S.L.B.&M.  
 REVISED: 6-3-91 R.E.H.



REVISED: 10-13-94 D.J.S.

REVISED: 10-11-94 D.J.S.  
**TOPOGRAPHIC**  
**MAP "B"**  
 SCALE: 1" = 2000'  
 DATE: 5-21-91 R.E.H.



**FREEDOM ENERGY, INC.**  
**THIMBLE ROCK #23-15**  
**SECTION 23, T11S, R24E, S.L.B.&M.**  
 REVISED: 6-3-91 R.E.H.

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/30/94

API NO. ASSIGNED: 43-047-32604
--------------------------------

WELL NAME: THIMBLEROCK FEDERAL 23-15  
 OPERATOR: FREEDOM ENERGY INC (N3285)

PROPOSED LOCATION:  
 SESE 23 - T11S - R24E  
 SURFACE: 1193-FSL-1305-FEL  
 BOTTOM: 1193-FSL-1305-FEL  
 UINTAH COUNTY  
 WILDCAT FIELD (001)

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: FED  
 LEASE NUMBER: U-66761

PROPOSED PRODUCING FORMATION: MVRD

RECEIVED AND/OR REVIEWED:

Plat  
 Bond: Federal  State  Fee   
 (Number 221001)  
 Potash (Y/N)  
 Oil shale (Y/N)  
 Water permit  
 (Number 49-1540)  
 RDCC Review (Y/N)  
 (Date: \_\_\_\_\_)

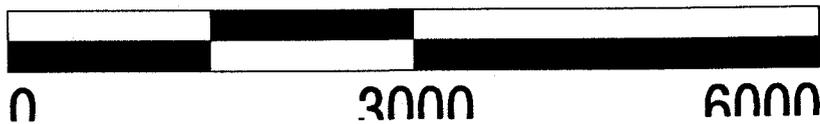
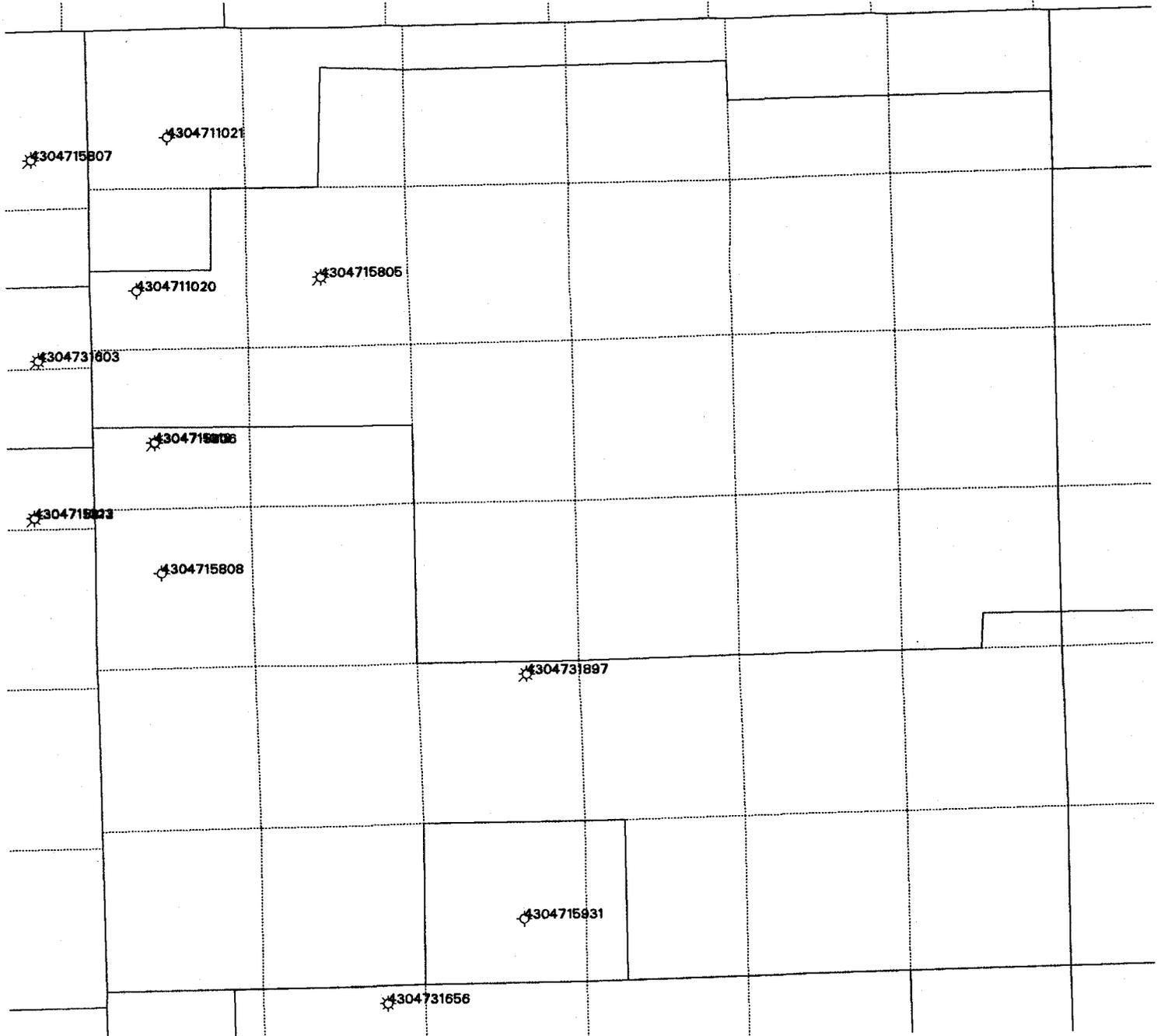
LOCATION AND SITING:

R649-2-3. Unit: UTU 735197  
APPROVED 12/7/94  
 R649-3-2. General.  
 R649-3-3. Exception.  
 Drilling Unit.  
 Board Cause no: \_\_\_\_\_  
 Date: \_\_\_\_\_

COMMENTS: NEEDS EXCEPTION SPACING LETTER OR UNIT APPROVAL  
Unit has been approved.

STIPULATIONS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

FREEDOM ENERGY INC. HANGING ROCK UNIT  
THIMBLE ROCK FEDERAL 23-15  
SEC. 23, T11S, R24E, UINTAH COUNTY  
WILDCAT WELL LOCATION



**STATE OF UTAH**

<b>Operator: FREEDOM ENERGY INC.</b>	<b>Well Name: THIMBLEROCK FED. 23-</b>
<b>Project ID: 43-047-32604</b>	<b>Location: SEC. 23 - T11S - R24E</b>

Design Parameters:

Mud weight ( 9.00 ppg) : 0.468 psi/ft  
 Shut in surface pressure : 2192 psi  
 Internal gradient (burst) : 0.054 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using air weight  
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125  
 Burst : 1.00  
 8 Round : 1.80 (J)  
 Buttress : 1.60 (J)  
 Other : 1.50 (J)  
 Body Yield : 1.50 (B)

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	5,300	4.500	11.60	K-55	LT&C	5,300	3.875		
	<b>Load</b> (psi)	<b>Collapse</b> <b>Strgth</b> (psi)	<b>S.F.</b>	<b>Burst</b> <b>Load</b> (psi)	<b>Min Int</b> <b>Strgth</b> (psi)	<b>Yield</b> <b>S.F.</b>	<b>Tension</b> <b>Load</b> (kips)	<b>Strgth</b> (kips)	<b>S.F.</b>
1	2478	4960	2.002	2478	5350	2.16	61.48	180	2.93 J

Prepared by : FRM, Salt Lake City, UT  
 Date : 01-03-1995  
 Remarks :

Minimum segment length for the 5,300 foot well is 1,000 feet.  
 SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 101°F (Surface 74°F , BHT 127°F & temp. gradient 1.000°/100 ft.)  
 The mud gradient and bottom hole pressures (for burst) are 0.468 psi/ft and 2,478 psi, respectively.

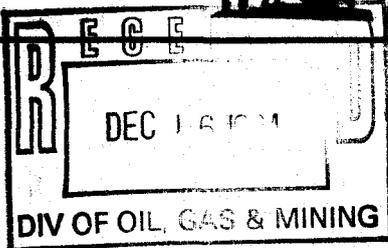
**NOTE:** The design factors used in this casing string design are as shown above. As a general guide-line, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1987 pricing model. (Version 1.06)



# DOLAR OIL PROPERTIES

9035 South 700 East  
Sandy, UT 84070-2418  
(801) 561 - 3121

December 15, 1994



Mr. Mike Hebertson  
Utah State Division of Oil & Gas  
3 Triad Center - Suite 350  
Salt Lake City, UT. 84180-1203

Re: Sundry Notice  
Thimble Rock Federal 23-15  
Uintah County, Utah

Dear Mr. Hebertson:

Enclosed in triplicate please find Sundry Notice for the above-referenced well which identifies the casing specifications and cement program.

Your attention to this matter is appreciated. Please do not hesitate to call if there are any questions.

Sincerely yours,

DOLAR OIL PROPERTIES



Mark S. Dolar, CPL

/mi  
Enclosures

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
U-66761

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Thimble Rock

8. Well Name and No.

Thimble Rock Federal #23-15

9. API Well No.

43-097-32604

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Uintah County, Utah

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Freedom Energy, Inc.

3. Address and Telephone No.

1433 - 17th St., Suite #300; Denver, CO 80202 303-292-2242

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1305 FEL, 1193 FSL  
Sec. 23, T11S-R24E, SLM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other Casing specifications & cement program

Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

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

13. 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.)\*

Cement program for surface casing will be 15.82# per gallon; 1.16 cubic ft. per sack.  
Filler cement will be 11.8# per gallon; 2.78 cubic ft. per sack.

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

Signed

Title Agent

Date 12-15-94

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
U-66761

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Thimble Rock

8. Well Name and No.

Thimble Rock Federal #23-15

9. API Well No.

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Uintah County, Utah

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Freedom Energy, Inc.

3. Address and Telephone No.

1433 - 17th St., Suite #300; Denver, CO 80202 303-292-2242

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1305 FEL, 1193 FSL  
Sec. 23, T11S-R24E, SLM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Casing specifications &amp; cement program</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. 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.)\*

Cement program for surface casing will be 15.82# per gallon; 1.16 cubic ft. per sack.  
Filler cement will be 11.8# per gallon; 2.78 cubic ft. per sack.

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

Signed

Title Agent

Date 12-15-94

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-66761
2. Name of Operator Freedom Energy, Inc.	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 1433 - 17th St., Suite #300; Denver, CO 80202 303-292-2242	7. If Unit or CA, Agreement Designation Thimble Rock
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1305 FEL, 1193 FSL Sec. 23, T11S-R24E, SLM	8. Well Name and No. Thimble Rock Federal #23-15
	9. API Well No.
	10. Field and Pool, or Exploratory Area Wildcat
	11. County or Parish, State Uintah County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

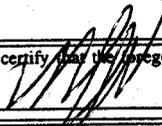
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Casing specifications &amp; cement program</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. 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.)\*

Cement program for surface casing will be 15.82# per gallon; 1.16 cubic ft. per sack.  
Filler cement will be 11.8# per gallon; 2.78 cubic ft. per sack.

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

Signed  Title Agent Date 12-15-94

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*See Instruction on Reverse Side**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
DEC 29 1994

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS OIL, GAS & MINING

Lease Designation and Serial No.  
U-66761

If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
Freedom Energy, Inc.

3. Address and Telephone No.  
1433 - 17th St., Suite #300, Denver, CO 80202 303-292-2242

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1305 FEL, 1193 FSL  
Sec. 23, T11S-R24E, SLM

7. If Unit or CA, Agreement Designation

Thimble Rock

8. Well Name and No.

Thimble Rock Federal #23-15

9. API Well No.

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other

- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

13. 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.)\*

Water will be obtained from Evacuation Creek, permit #49-1550. Distribution point is located 1100' FWL, 1700' FNL, Section 7, T11S, R25E.

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

Signed [Signature] Title Agent

Date 11/15/94

(This space for Federal or State office use)

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

Approved by \_\_\_\_\_  
Conditions of approval, if any:

DATE: 1-3-95

BY: [Signature]  
WELL SPACING: R649-2-3

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side



**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)

January 3, 1995

**Freedom Energy, Inc.**  
1433 - 17th Street, Suite 300  
Denver, Colorado 80202

Re: Thimble Rock Federal #23-15 Well, 1305' FEL, 1193' FSL, SE SE, Sec. 23, T. 11 S., R. 24 E., Uintah County, Utah

Gentlemen:

Pursuant to Utah Code Ann. § 40-6-18, (1953, as amended), Utah Admin. R. 649-2-3, Application of Rules to Unit Agreements and R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

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

1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules.
2. Notification to the Division within 24 hours after drilling operations commence.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or K. Michael Hebertson, Reclamation Specialist, (Home) (801)269-9212.



Page 2  
Freedom Energy, Inc.  
Thimble Rock Federal #23-15 Well  
January 3, 1995

6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-047-32604.

Sincerely,



R.J. Firth  
Associate Director

ldc  
Enclosures  
cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office  
WOI1

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

JAN 12 1995

<b>APPLICATION FOR PERMIT TO DRILL OR DEEPEN</b>		5. LEASE DESIGNATION AND SERIAL NO. <b>U-66761</b>
<b>DIV OF OIL, GAS &amp; MINING</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		7. UNIT AGREEMENT NAME <b>Thimble Rock</b>
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. FARM OR LEASE NAME, WELL NO. <b>Thimble Rock Fed. #23-15</b>
2. NAME OF OPERATOR <b>Freedom Energy, Inc.</b>		9. API WELL NO. <b>43-047-32604</b>
3. ADDRESS AND TELEPHONE NO. <b>1433 - 17th St., Suite #300, Denver, CO 80202 303-292-2442</b>		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface <b>1305 FEL, 1193 FSL</b> At proposed prod. zone <b>same</b>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 23, T11S-R24E, SLM</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>17 miles south of Bonanza, Utah</b>		12. COUNTY OR PARISH      13. STATE <b>Uintah      Utah</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>1193 feet</b>	16. NO. OF ACRES IN LEASE <b>2,494.86</b>	17. NO. OF ACRES ASSIGNED TO THIS WELL <b>160.00</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.      ---	19. PROPOSED DEPTH <b>5,300 feet</b>	20. ROTARY OR CABLE TOOLS <b>Rotary</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>6,143' (GR)</b>		22. APPROX. DATE WORK WILL START* <b>December 1, 1994</b>

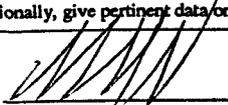
**23. PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36# J55 LTC	300' (new)	Determined upon caliper log.
* 7 7/8"	4 1/2"	11.6# J55 LTC	5,300'	

\* If productive, production casing shall be set to T.D., Class G cement will be used to cover all productive zones as necessary.

If well is dry, the well will be plugged and abandoned pursuant to State regulations.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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  TITLE Agent DATE 10/24/94

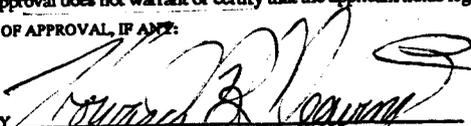
(This space for Federal or State office use)

PERMIT NO. 43-047-32604      APPROVAL DATE \_\_\_\_\_      CONDITIONS OF APPROVAL, IF ANY \_\_\_\_\_

**NOTICE OF APPROVAL**

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY  TITLE ASSISTANT DISTRICT MANAGER (MINING) DATE JAN 4 1995

**CONDITIONS OF APPROVAL**  
**APPLICATION FOR PERMIT TO DRILL**

Company/Operator: Freedom Energy, Inc.

Well Name & Number: Thimble Rock 23-15

API Number: 43-047-32604

Lease Number: U-66761

Location: SESE Sec. 23 T. 11S R. 24E

**NOTIFICATION REQUIREMENTS**

- Location Construction - at least forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - at least twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 3M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Mahogany Oil Shale zone identified at  $\pm 758$  ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to  $\pm 558$  ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.) shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

**APD approval is valid until midnight April 30, 1995. At that time Lease UTU-66761 will expire unless diligent drilling operations are in progress across the expiration date.**

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman Petroleum Engineer	(801) 789-7077
Wayne Bankert Petroleum Engineer	(801) 789-4170
BLM FAX Machine	(801) 781-4410

### EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

**SURFACE USE PLAN OF OPERATIONS**  
Conditions of Approval (COAs)

Additional Surface Conditions of Approval

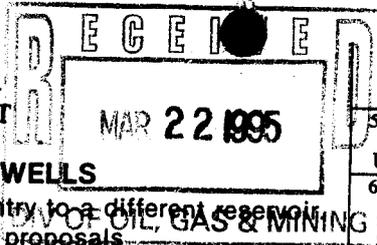
The approved water source for drilling is from Evaluation Creek at Watson (permit #49-1550), not from the Rockhouse 5A well as mentioned in the APD.

Since the area is identified as having highly erosive soils, no construction will be allowed when soils are muddy.

If the well becomes a producing well, all disturbed areas on the well site including the topsoil windrows, not needed for production purposes should be seeded with the following seed mix at the indicated rate:

Fourwing saltbrush	4 lbs./acre
Winterfat	2 lbs./acre
Indian ricegrass	3 lbs./acre
Needle and threadgrass	<u>3 lbs./acre</u>
Total	12 lbs./acre

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

U-66761

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE**

7. If Unit or CA, Agreement Designation

Thimble Rock

8. Well Name and No.

Thimble Rock Federal

9. API Well No. #23-15

43-047-32604

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Uintah

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Freedom Energy, Inc.

3. Address and Telephone No.

1856 Balsam Ave., Greeley, CO. 80631 (303) 352-8125

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1305 FEL, 1193 FSL, SESE Sec.23-T11S-R24E, SLM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Build Location

- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

13. 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.)\*

We anticipate building the above referenced location beginning 03-23-95.

Mr. Byron Tollman with BLM and Stubbs & Stubbs Contractors will be on location.

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

Signed JAM Cook Title Compliance Officer

Date 3-20-95

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

UINTAH BASIN PUBLIC HEALTH DEPARTMENT

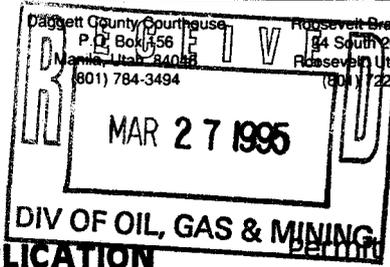


Uintah County Courthouse  
147 East Main  
Vernal, Utah 84078  
(801) 781-5475

Duchesne Branch Office  
P.O. Box 210  
Duchesne, Utah 84021  
(801) 738-2202

Daguerre County Courthouse  
P.O. Box 556  
Nampa, Utah 84058  
(801) 784-3494

Roosevelt Branch Office  
84 South 200 East  
Roosevelt, Utah 84066  
(801) 722-5085



Joseph B. Shaffer, M.A., M.B.A., R.S.  
Director/Health Officer

WASTEWATER PERMIT APPLICATION  
FOR DRILLING SITES

HEALTH DEPARTMENT USE ONLY

Permit #: \_\_\_\_\_  
Fee (\$55.00) received: \_\_\_\_\_  
Approved: \_\_\_\_\_  
Date: \_\_\_\_\_

DRILLING COMPANY Caza Drilling RESPONSIBLE PARTY Paul Franks-Freedom Energy  
ADDRESS 1856 Balsam Ave., Greeley, CO, 80631 PHONE (303) 352-8125

DRILLING FOR Freedom Energy, Inc.

SITE LOCATION SWSE Sec. 23-T11S-R24E, Uintah County, Utah 1305' FEEL, 1193' ESL

APPROXIMATE DATES 4-15-95 TO 5-15-95

SERVICES: POTABLE WATER  YES  NO SUPPLIER Mtn. West Oilfield Ser. & Rentals  
CHEMICAL TOILETS  YES  NO SUPPLIER Mtn. West Oilfield Ser. & Rentals  
LIVING OR OFFICE UNITS: BUNKHOUSES 1 MOBILE HOMES 2 REC. VEHICLES 0  
TOTAL UNITS 3 TOTAL PERSONNEL AT SITE: 11

WASTEWATER DISPOSAL PROPOSED:

HOLDING TANK AND SCAVENGER PUMPING SERVICE - If this system is used, indicate the licensed scavenger employed Mountain West Oil Field Service & Rentals

SEPTIC TANK AND ABSORPTION SYSTEM - If this system is proposed, please supply the following information:

- 1. A soil log prepared by a certified engineer or sanitation.
- 2. Indicate the type of absorption system intended:
  - Absorption Field
  - Seepage Trench
  - Seepage Pit
  - Absorption Bed
  - OTHER - Describe proposal in detail on an attached sheet.

43-047-32604

In the spaces below, provide a sketch or drawing of the site indicating:

- 1. Location of water supply and plumbing.
- 2. Location of libbing units, offices, etc.
- 3. Proposed wastewater system layout including septic tank or holding tank and absorption system, if any.

FEI Check #: 27232 Dated: 3-1-95

# CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

## SPUDDING INFORMATION

Name of Company: FREEDOM ENERGY

Well Name: THIMBLE ROCK FEDERAL 23-15

Api No. 43-047-32604

Section 23 Township 11S Range 24E County UINTAH

Drilling Contractor \_\_\_\_\_

Rig # \_\_\_\_\_

SPUDDED: Date 4/10/95

Time \_\_\_\_\_

How DRY HOLE

Drilling will commence \_\_\_\_\_

Reported by \_\_\_\_\_

Telephone # \_\_\_\_\_

Date: 4/19/95 Signed: FRM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
APR 17 1995  
DIV OF OIL GAS & MINING

Utah State

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
Freedom Energy, Inc.

3. Address and Telephone No.  
1856 Balsam Ave., Greeley, CO. 80631 (970) 352-8125

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1305 FEL, 1193 FSL SESE Sec.23-T11S-R24E, SLM

5. Lease Designation and Serial No.  
U-66761

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Thimble Rock

8. Well Name and No.  
Thimble Rock Federal

9. API Well No. #23-15  
43-047-32604

10. Field and Pool, or Exploratory Area  
Wildcat

11. County or Parish, State  
Uintah County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Spud notification

- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note: Report results of multiple completion on Well Completion Report (Form 3160-5) and a separate form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work, if well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This well was spudded @ 12:00 noon on 4-10-95.

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

Signed [Signature] Title Compliance Officer

Date 4-13-95

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_ Date \_\_\_\_\_



Utah State

April 3, 1995

741

Bureau Of Land Management  
170 South 500 East  
Vernal, Utah 84078

RE: Tight Hole Status

The below listed wells are in Wildcat areas. It is our desire to retain these in a "Tight Hole" status as long as is allowable by the BLM.

They are as follows:

Thimble Rock Federal 23-15  
SESE Sec.23-T11S-R24E  
1305 FEL, 1193 FSL  
Uintah County, Utah  
Lease # U66761  
API # 43-047-32604

Hanging Rock Federal I 1-4  
NWNW Sec.1-T12S-R23E  
1231 FWL, 1198 FNL  
Uintah County, Utah  
Lease # U57455  
API # Not Assigned

Hanging Rock Federal I 1-16  
SESE Sec.1-12S-23E  
803 FEL, 701 FSL  
Uintah County, Utah  
Lease # U577455  
API # Not Assigned

Hanging Rock Federal 24-13  
SWSW Sec.24-T11S-R23E  
820 FWL, 539 FSL  
Uintah County, Utah  
Lease # U66408  
API # 43-047-32603

Hanging Rock Federal H 25-13  
SWSW Sec.25-11S-R23E  
660 FWL, 660 FSL  
Uintah County, Utah  
Lease # U66408  
API # Not Assigned

Most of these wells have been submitted with "Tight Hole" on the permit.

Thank you for your help. If you have any questions/comments, please do not hesitate to call me at the number shown below.

Sincerely,

Sam Cady  
Compliance Officer  
Freedom Energy, Inc.

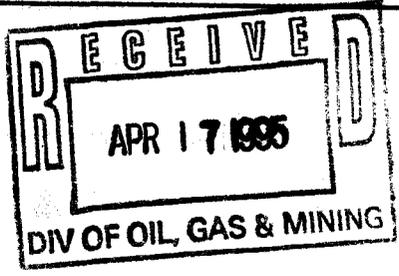
OPERATOR Freedom Energy, Inc.  
 ADDRESS 1856 Balsam Ave.  
Greeley, CO. 80631

OPERATOR ACCT. NO. N 3285  
*Utah State*  
 TIGHT HOLE

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11759	43-047-32604	Thimble Rock Federal 23-15	SESE	23	11S	24E	Uintah	4-10-95	-
WELL 1 COMMENTS: New Well Entity added 4-18-95. (Thimble Rock Unit / 1st well) <i>lee</i>											
WELL 2 COMMENTS:											
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)

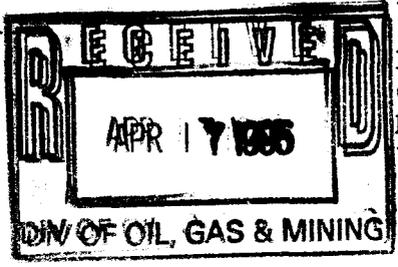


*SAM Cozy*  
 Signature  
 Compliance Officer 4-13-95  
 Title Date  
 Phone No. (970 ) 352-8125

Utah State

Freedom Energy, Inc.  
Thimble Rock Federal 23-1  
1305' FEL, 1193' FSL  
SESE Sec.23-T11S-R24E  
Uintah County, Utah

API # 43-047-32604  
Permit #  
Lease # U-66761  
GR 6143'  
KB  
Wildcat



DIRECTIONS:

- 04-10-95 Stubbs & Stubbs finished building loc. Leon Ross moved dry hole digger. Started drlg surf. Hole caving in 20' down. Ordered 40' jt 13-3/8 csg fr/Aztec Csg. Also del 300' of 9-5/8 csg.
- 04-11-95 Verbal rpt to BLM. Confirm spud @ 12:00 noon 4-10-95. Ryan Drld to 330', 12-1/4 hole, set 20' of 13-5/8 conductor. Will cmt on 4-12-95 in the a.m. with Western Co.
- 04-12-95 Leon Ross on loc. PU 8 jts, 9-5/8, 40#, K-55 csg. Csg Ryan setting depth 323 GL. Float 1 jt off btm @ 279' GL. Tagged fill @ 15' short of TD. Western Co. on loc to cmt. Washed dwn csg, ran low on water. Sent water trk to PU 2nd load of water. Broke circ & pumped 180 sks class G w/2% CaCl, 1/4#/sk cello-flakes. Green cmt to surf before dropping plug. Bumped plug, plug held. Good returns to surf. BLM rep on loc to witness cmtg was Jamie Sparger. Ross Drlg SD, WO R & M hole. Martico well set WH in a.m.

CONFIDENTIAL

Freedom Energy, Inc.  
Thimble Rock Federal 23-15  
1305' FEL, 1193' FSL  
SESE Sec.23-T11S-R24E  
Uintah County, Utah

API # 43-047-32604  
Permit #  
Lease # U-66761  
GR 6143'  
KB  
Wildcat

DIRECTIONS:

- 04-10-95 Stubbs & Stubbs finished building loc. Leon Ross  
Ryan moved dry hole digger. Started drlg surf. Hole caving  
in 20' down. Ordered 40' jt 13-3/8 csg fr/Aztec Csg.  
Also del 300' of 9-5/8 csg.
- 04-11-95 Verbal rpt to BLM. Confirm spud @ 12:00 noon 4-10-95.  
Ryan Drld to 330', 12-1/4 hole, set 20' of 13-5/8 conductor.  
Will cmt on 4-12-95 in the a.m. with Western Co.
- 04-12-95 Leon Ross on loc. PU 8 jts, 9-5/8, 40#, K-55 csg. Csg  
Ryan setting depth 323 GL. Float 1 jt off btm @ 279' GL.  
Tagged fill @ 15' short of TD. Western Co. on loc to  
cmt. Washed dwn csg, ran low on water. Sent water trk  
to PU 2nd load of water. Broke circ & pumped 180 sks  
class G w/2% CaCl, 1/4#/sk cello-flakes. Green cmt to  
surf before dropping plug. Bumped plug, plug held.  
Good returns to surf. BLM rep on loc to witness cmtg  
was Jamie Sparger. Ross Drlg SD, WO R & M hole.  
Martico well set WH in a.m.

Freedom Energy, Inc.  
Thimble Rock Federal 23-15  
1305' FEL, 1193' FSL  
SESE Sec.23-T11S-R24E  
Uintan County, Utah

API # 43-047-32604  
Permit #  
Lease # U-66761  
GR 6143'  
KB  
Wildcat

DIRECTIONS:

- 04-10-95 Stubbs & Stubbs finished building loc. Leon Ross  
Ryan moved dry hole digger. Started drlg surf. Hole caving  
in 20' down. Ordered 40' jt 13-3/8 csg fr/Aztec Csg.  
Also del 300' of 9-5/8 csg.
- 04-11-95 Verbal rpt to BLM. Confirm spud @ 12:00 noon 4-10-95.  
Ryan Drld to 330', 12-1/4 hole, set 20' of 13-5/8 conductor.  
Will cmt on 4-12-95 in the a.m. with Western Co.
- 04-12-95 Leon Ross on loc. PU 8 jts, 9-5/8, 40#, K-55 csg. Csg  
Ryan setting depth 323 GL. Float 1 jt off btm @ 279' GL.  
Tagged fill @ 15' short of TD. Western Co. on loc to  
cmt. Washed dwn csg, ran low on water. Sent water trk  
to PU 2nd load of water. Broke circ & pumped 180 sks  
class G w/2% CaCl, 1/4#/sk cello-flakes. Green cmt to  
surf before dropping plug. Bumped plug, plug held.  
Good returns to surf. BLM rep on loc to witness cmtg  
was Jamie Sparger. Ross Drlg SD, WO R & M hole.  
Martico well set WH in a.m.

CONFIDENTIAL

Utah State

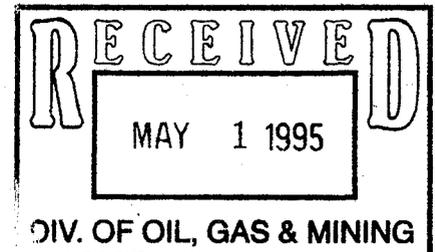
Freedom Energy, Inc.  
Thimble Rock Federal 23-15  
1305' FEL, 1193' FSL  
SESE Sec.23-T11S-R24E  
Uintah County, Utah

API # 43-047-32604  
Permit #  
Lease # U-66761  
GR 6143'  
KB  
Wildcat

741

DIRECTIONS:

- 04-10-95 Stubbs & Stubbs finished building loc. Leon Ross  
Ryan moved dry hole digger. Started drlg surf. Hole caving  
in 20' down. Ordered 40' jt 13-3/8 csg fr/Aztec Csg.  
Also del 300' of 9-5/8 csg.
- 04-11-95 Verbal rpt to BLM. Confirm spud @ 12:00 noon 4-10-95.  
Ryan Drl to 330', 12-1/4 hole, set 20' of 13-5/8 conductor.  
Will cmt on 4-12-95 in the a.m. with Western Co.
- 04-12-95 Leon Ross on loc. PU 8 jts, 9-5/8, 40#, K-55 csg. Csg  
Ryan setting depth 323 GL. Float 1 jt off btm @ 279' GL.  
Tagged fill @ 15' short of TD. Western Co. on loc to  
cmt. Washed dwn csg, ran low on water. Sent water trk  
to PU 2nd load of water. Broke circ & pumped 180 sks  
class G w/2% CaCl, 1/4#/sk cello-flakes. Green cmt to  
surf before dropping plug. Bumped plug, plug held.  
Good returns to surf. BLM rep on loc to witness cmtg  
was Jamie Sparger. Ross Drlg SD, WO R & M hole.  
Martico well set WH in a.m.
- 04-25-95 SPUD 4-24-95. Drlg @ 1060', 718' in 10 hrs. Drlg w/  
Franks water. SPM 85, PP 700/850, WOB 5/10, RPM 65. Bit #1:  
7-7/8, Sec SE 1123AH, 3-20, 3-10. Surv: 300' - 2 3/4  
deg, 558' - 1 1/2 deg, 776' - 1 deg, 963' - 1 deg. Drl  
60' cmt on shoe. Drlg: 10 hrs; PU/LD 1-1/2, test BOP  
4-1/2, drl cmt 2, test csg 5.
- 04-26-95 Drlg @ 2434', 1374' in 23 hrs. Vis 33, wt 8.5, PP 900/  
Franks 1250, SPM 85, WOB 10/12, RPM 60. Bit #1: 2092' in 33  
hrs. Drlg 23, RR 1.
- 04-27-95 Drlg @ 3368', 934' in 23 hrs. Vis 36, wt 8.9, WL 16,  
Franks PH 9.8, scl 1/3, SLD 4.2%, AV DP 172, AN DC 242, SPM  
88, GPM 385, PP 950, St Wt 84m, WOB 12/14, RPM 60. Bit  
#1 3026' in 56 hrs. Surv: 2642 - 1/2 deg, 2864 - 1/2  
deg, 3116 - 1 deg. Drlg 23, RS 1. Cum drlg hrs 56.
- 04-28-95 Drlg 3881'. 513' in 23 hrs. Mud wt 9.2, vis 35, WL  
Franks 13.2, FC 2/32, PH 8.8, SD 1%, solids 6.9%, SPM 88, PP  
800. WOB 12/14, RPM 70. Bit #1, 3579' in 79 hrs.  
Surv: 3558 - 1 deg, 3718 - 1/2 deg.



Freedom Energy, Inc.  
Thimble Rock Federal 23-15  
1305' FEL, 1193' FSL  
SESE Sec.23-T11S-R24E  
Uintah County, Utah

API # 43-047-32604  
Permit #  
Lease # U-66761  
GR 6143'  
KB  
Wildcat

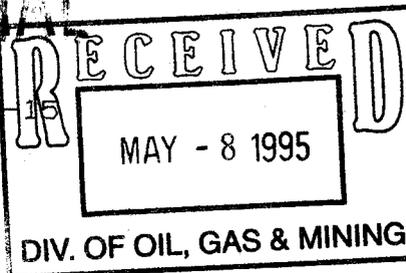
DIRECTIONS:

- 04-10-95 Stubbs & Stubbs finished building loc. Leon Ross  
Ryan moved dry hole digger. Started drlg surf. Hole caving  
in 20' down. Ordered 40' jt 13-3/8 csg fr/Aztec Csg.  
Also del 300' of 9-5/8 csg.
- 04-11-95 Verbal rpt to BLM. Confirm spud @ 12:00 noon 4-10-95.  
Ryan Drl'd to 330', 12-1/4 hole, set 20' of 13-5/8 conductor.  
Will cmt on 4-12-95 in the a.m. with Western Co.
- 04-12-95 Leon Ross on loc. PU 8 jts, 9-5/8, 40#, K-55 csg. Csg  
Ryan setting depth 323 GL. Float 1 jt off btm @ 279' GL.  
Tagged fill @ 15' short of TD. Western Co. on loc to  
cmt. Washed dwn csg, ran low on water. Sent water trk  
to PU 2nd load of water. Broke circ & pumped 180 sks  
class G w/2% CaCl, 1/4#/sk cello-flakes. Green cmt to  
surf before dropping plug. Bumped plug, plug held.  
Good returns to surf. BLM rep on loc to witness cmtg  
was Jamie Sparger. Ross Drlg SD, WO R & M hole.  
Martico well set WH in a.m.
- 04-25-95 SPUD 4-24-95. Drlg @ 1060', 718' in 10 hrs. Drlg w/  
Franks water. SPM 85, PP 700/850, WOB 5/10, RPM 65. Bit #1:  
7-7/8, Sec SE 1123AH, 3-20, 3-10. Surv: 300' - 2 3/4  
deg, 558' - 1 1/2 deg, 776' - 1 deg, 963' - 1 deg. Drl  
60' cmt on shoe. Drlg: 10 hrs; PU/LD 1-1/2, test BOP  
4-1/2, drl cmt 2, test csg 5.
- 04-26-95 Drlg @ 2434', 1374' in 23 hrs. Vis 33, wt 8.5, PP 900/  
Franks 1250, SPM 85, WOB 10/12, RPM 60. Bit #1: 2092' in 33  
hrs. Drlg 23, RR 1.
- 04-27-95 Drlg @ 3368', 934' in 23 hrs. Vis 36, wt 8.9, WL 16,  
Franks PH 9.8, scl 1/3, SLD 4.2%, AV DP 172, AN DC 242, SPM  
88, GPM 385, PP 950, St Wt 84m, WOB 12/14, RPM 60. Bit  
#1 3026' in 56 hrs. Surv: 2642 - 1/2 deg, 2864 - 1/2  
deg, 3116 - 1 deg. Drlg 23, RS 1. Cum drlg hrs 56.
- 04-28-95 Drlg 3881'. 513' in 23 hrs. Mud wt 9.2, vis 35, WL  
Franks 13.2, FC 2/32, PH 8.8, SD 1%, solids 6.9%, SPM 88, PP  
800. WOB 12/14, RPM 70. Bit #1, 3579' in 79 hrs.  
Surv: 3558 - 1 deg, 3718 - 1/2 deg.

**CONFIDENTIAL**

*Utah State*

Freedom Energy, Inc.  
Thimble Rock Federal 23-15  
1305' FEL, 1193' FSL  
SESE Sec. 23-T11S-R24E  
Uintah County, Utah



API # 43-047-32604  
Permit #  
Lease # U-66761  
GR 6143'  
KB  
Wildcat

**DIRECTIONS:**

- 04-10-95 Stubbs & Stubbs finished building loc. Leon Ross  
Ryan moved dry hole digger. Started drlg surf. Hole caving  
in 20' down. Ordered 40' jt 13-3/8 csg fr/Aztec Csg.  
Also del 300' of 9-5/8 csg.
- 04-11-95 Verbal rpt to BLM. Confirm spud @ 12:00 noon 4-10-95.  
Ryan Drld to 330', 12-1/4 hole, set 20' of 13-5/8 conductor.  
Will cmt on 4-12-95 in the a.m. with Western Co.
- 04-12-95 Leon Ross on loc. PU 8 jts, 9-5/8, 40#, K-55 csg. Csg  
Ryan setting depth 323 GL. Float 1 jt off btm @ 279' GL.  
Tagged fill @ 15' short of TD. Western Co. on loc to  
cmt. Washed dwn csg, ran low on water. Sent water trk  
to PU 2nd load of water. Broke circ & pumped 180 sks  
class G w/2% CaCl, 1/4#/sk cello-flakes. Green cmt to  
surf before dropping plug. Bumped plug, plug held.  
Good returns to surf. BLM rep on loc to witness cmtg  
was Jamie Sparger. Ross Drlg SD, WO R & M hole.  
Martico well set WH in a.m.
- 04-25-95 **SPUD 4-24-95.** Drlg @ 1060', 718' in 10 hrs. Drlg w/  
Franks water. SPM 85, PP 700/850, WOB 5/10, RPM 65. Bit #1:  
7-7/8, Sec SE 1123AH, 3-20, 3-10. Surv: 300' - 2 3/4  
deg, 558' - 1 1/2 deg, 776' - 1 deg, 963' - 1 deg. Drl  
60' cmt on shoe. Drlg: 10 hrs; PU/LD 1-1/2, test BOP  
4-1/2, drl cmt 2, test csg 5.
- 04-26-95 Drlg @ 2434', 1374' in 23 hrs. Vis 33, wt 8.5, PP 900/  
Franks 1250, SPM 85, WOB 10/12, RPM 60. Bit #1: 2092' in 33  
hrs. Drlg 23, RR 1.
- 04-27-95 Drlg @ 3368', 934' in 23 hrs. Vis 36, wt 8.9, WL 16,  
Franks PH 9.8, scl 1/3, SLD 4.2%, AV DP 172, AN DC 242, SPM  
88, GPM 385, PP 950, St Wt 84m, WOB 12/14, RPM 60. Bit  
#1 3026' in 56 hrs. Surv: 2642 - 1/2 deg, 2864 - 1/2  
deg, 3116 - 1 deg. Drlg 23, RS 1. Cum drlg hrs 56.
- 04-28-95 Drlg 3881'. 513' in 23 hrs. Mud wt 9.2, vis 35, WL  
Franks 13.2, FC 2/32, PH 8.8, SD 1%, solids 6.9%, SPM 88, PP  
800. WOB 12/14, RPM 70. Bit #1, 3579' in 79 hrs.  
Surv: 3558 - 1 deg, 3718 - 1/2 deg.
- 04-29-95 Drlg @ 4445', 564' in 23 hrs. Mud wt 9.3, vis 35, WL  
Caza 12.6, FC 2/ , PH 8.9, SD 1%, SLD 6.9 %, PP 950. WOB 12/

Freedom Energy, Inc.  
Thimble Rock Federal 23-15  
Drilling

04-29-95 14, RPM 50. Bit #1, 4103' in 102 hrs. Surv: 1/2 deg  
cont'd @ 3902, 1/2 deg @ 4024, 1/2 deg @ 4220, 1 deg @ 4436.

04-30-95 Drlg @ 5106, 661 in 22-1/2 hrs. Mud wt 9.2, vis 36,  
Caza WL 14.4, FC 2/ , PH 9.2, SD 1%, SLD 7.7, PP 1050/ .  
WOB 12/14, RPM 50. Bit #1 4764 in 125 hrs. Surv:  
1-1/2 deg @ 4652, 1-1/2 deg @ 4867, 2 deg @ 5054.

05-01-95 Drlg @ 5578, 472' in 23 hrs. Mud wt 9.3, vis 40, WL  
Caza 12.8, FC 2/ , PH 9.0, SD 1%, SLD 7.7, PP 1050. WOB 16/  
18, RPM 60. Surv: 2-1/2 deg @ 5420.

05-02-95 Logging. TD 5796. 218' in 10 hrs. Bit #1, 5454' in  
Caza 158 hrs.

05-03-95 LD drl pipe & drl collars.  
Caza

05-04-95 Finish LD DP & DC. RU to run csg. Ran 140 jts, 4-1/2,  
Ryan 11.6# J-55 csg. RU Western to cmt. Pumped 20 bbls mud  
flush, 10 bbls H2O spacer, 341.9 bbls - 500 sks Class G  
w/16% gel, 3% salt, 10#/gal gilsonite. Cmt wt,  
11#/gal. Lead, pumped 176 bbls, 642 sks G, 10% Thixad,  
.4% CT 14A, .2% WT-15, 10% salt. Cmt wt, 14.8#/gal.  
Cmt returns to surf w/35 bbls flush, Pumped tl flush  
89.1 bbls. ND BOP, set csg slips. Rel rig @ 7:00 p.m.  
5-3-95.

FINAL REPORT UNTIL COMPLETION

Freedom Energy, Inc.  
Thimble Rock Federal 23-15  
1305' FEL, 1193' FSL  
SESE Sec.23-T11S-R24E  
Uintah County, Utah

API # 43-047-32604  
Permit #  
Lease # U-66761  
GR 6143'  
KB  
Wildcat

DIRECTIONS:

- 04-10-95 Stubbs & Stubbs finished building loc. Leon Ross  
Ryan moved dry hole digger. Started drlg surf. Hole caving  
in 20' down. Ordered 40' jt 13-3/8 csg fr/Aztec Csg.  
Also del 300' of 9-5/8 csg.
- 04-11-95 Verbal rpt to BLM. Confirm spud @ 12:00 noon 4-10-95.  
Ryan Drl to 330', 12-1/4 hole, set 20' of 13-5/8 conductor.  
Will cmt on 4-12-95 in the a.m. with Western Co.
- 04-12-95 Leon Ross on loc. PU 8 jts, 9-5/8, 40#, K-55 csg. Csg  
Ryan setting depth 323 GL. Float 1 jt off btm @ 279' GL.  
Tagged fill @ 15' short of TD. Western Co. on loc to  
cmt. Washed dwn csg, ran low on water. Sent water trk  
to PU 2nd load of water. Broke circ & pumped 180 sks  
class G w/2% CaCl, 1/4#/sk cello-flakes. Green cmt to  
surf before dropping plug. Bumped plug, plug held.  
Good returns to surf. BLM rep on loc to witness cmtg  
was Jamie Sparger. Ross Drlg SD, WO R & M hole.  
Martico well set WH in a.m.
- 04-25-95 SPUD 4-24-95. Drlg @ 1060', 718' in 10 hrs. Drlg w/  
Franks water. SPM 85, PP 700/850, WOB 5/10, RPM 65. Bit #1:  
7-7/8, Sec SE 1123AH, 3-20, 3-10. Surv: 300' - 2 3/4  
deg, 558' - 1 1/2 deg, 776' - 1 deg, 963' - 1 deg. Drl  
60' cmt on shoe. Drlg: 10 hrs; PU/LD 1-1/2, test BOP  
4-1/2, drl cmt 2, test csg 5.
- 04-26-95 Drlg @ 2434', 1374' in 23 hrs. Vis 33, wt 8.5, PP 900/  
Franks 1250, SPM 85, WOB 10/12, RPM 60. Bit #1: 2092' in 33  
hrs. Drlg 23, RR 1.
- 04-27-95 Drlg @ 3368', 934' in 23 hrs. Vis 36, wt 8.9, WL 16,  
Franks PH 9.8, scl 1/3, SLD 4.2%, AV DP 172, AN DC 242, SPM  
88, GPM 385, PP 950, St Wt 84m, WOB 12/14, RPM 60. Bit  
#1 3026' in 56 hrs. Surv: 2642 - 1/2 deg, 2864 - 1/2  
deg, 3116 - 1 deg. Drlg 23, RS 1. Cum drlg hrs 56.
- 04-28-95 Drlg 3881'. 513' in 23 hrs. Mud wt 9.2, vis 35, WL  
Franks 13.2, FC 2/32, PH 8.8, SD 1%, solids 6.9%, SPM 88, PP  
800. WOB 12/14, RPM 70. Bit #1, 3579' in 79 hrs.  
Surv: 3558 - 1 deg, 3718 - 1/2 deg.
- 04-29-95 Drlg @ 4445', 564' in 23 hrs. Mud wt 9.3, vis 35, WL  
Caza 12.6, FC 2/ , PH 8.9, SD 1%, SLD 6.9 %, PP 950. WOB 12/

Freedom Energy, Inc.  
Thimble Rock Federal 23-15  
Drilling

04-29-95 14, RPM 50. Bit #1, 4103' in 102 hrs. Surv: 1/2 deg  
cont'd @ 3902, 1/2 deg @ 4024, 1/2 deg @ 4220, 1 deg @ 4436.

04-30-95 Drlg @ 5106, 661 in 22-1/2 hrs. Mud wt 9.2, vis 36,  
Caza WL 14.4, FC 2/ , PH 9.2, SD 1%, SLD 7.7, PP 1050/ .  
WOB 12/14, RPM 50. Bit #1 4764 in 125 hrs. Surv:  
1-1/2 deg @ 4652, 1-1/2 deg @ 4867, 2 deg @ 5054.

05-01-95 Drlg @ 5578, 472' in 23 hrs. Mud wt 9.3, vis 40, WL  
Caza 12.8, FC 2/ , PH 9.0, SD 1%, SLD 7.7, PP 1050. WOB 16/  
18, RPM 60. Surv: 2-1/2 deg @ 5420.

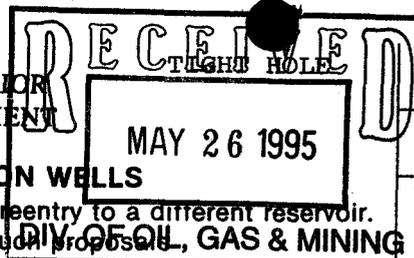
05-02-95 Logging. TD 5796. 218' in 10 hrs. Bit #1, 5454' in  
Caza 158 hrs.

05-03-95 LD drl pipe & drl collars.  
Caza

05-04-95 Finish LD DP & DC. RU to run csg. Ran 140 jts, 4-1/2,  
Ryan 11.6# J-55 csg. RU Western to cmt. Pumped 20 bbls mud  
flush, 10 bbls H2O spacer, 341.9 bbls - 500 sks Class G  
w/16% gel, 3% salt, 10#/gal gilsonite. Cmt wt,  
11#/gal. Lead, pumped 176 bbls, 642 sks G, 10% Thixad,  
.4% CT 14A, .2% WT-15, 10% salt. Cmt wt, 14.8#/gal.  
Cmt returns to surf w/35 bbls flush. Pumped tl flush  
89.1 bbls. ND BOP, set csg slips. Rel rig @ 7:00 p.m.  
5-3-95.

FINAL REPORT UNTIL COMPLETION

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



*Utah State*  
FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993  
Lease Designation and Serial No.  
U-66761  
If Indian, Allottee or Tribe Name

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

**CONFIDENTIAL**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
 Freedom Energy, Inc.

3. Address and Telephone No.  
 1856 Balsam Ave., Greeley, CO. 80631 (970) 352-8125

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 1305' FEL, 1193' FSL, SESE, Sec.23-T11S-R24E, SLM

7. If Unit or CA, Agreement Designation  
 Thimble Rock Federal

8. Well Name and No.  
 Thimble Rock Federal

9. API Well No. #23-15  
 43-047-32604

10. Field and Pool, or Exploratory Area  
 Rock House

11. County or Parish, State  
 Uintah County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

13. 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.)\*

On or about June 1, 1995, we anticipate starting completion procedures on the above referenced well. Proposed procedures are as follows:

Bond Log/Gamma Ray Log from surface to TD @ 5796'. Perforate 5212-13, 5477-78, 5600-01, 5688-89, 4 spf. Each zone will be tested individually with a bridge plug & packer. May possibly pump 500 gal. 7-1/2% HCL. Will frac if necessary, either by each individual zone with 30,000# 16/30 sand and 14,000 gal. of Viking I-35 cross-link gel, or, by dual zone, limited entry completion with 100,000# 16/30 sand and 32,000 gal. Viking I-35 cross-linked gel.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

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

Signed *Sam Cook* Title Compliance Officer Date 5-23-95

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
 Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**

AUG 07 1995

**DIVISION OF OIL, GAS & MINING**

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993  
Lease Designation and Serial No.  
U-66761  
If Indian, Allottee or Tribe Name

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to different reservoirs.  
Use "APPLICATION FOR PERMIT—" for such proposals.

**SUBMIT IN TRIPLICATE**

<p>1. Type of Well  <input type="checkbox"/> Oil Well    <input checked="" type="checkbox"/> Gas Well    <input type="checkbox"/> Other</p> <p>2. Name of Operator  <b>CONFIDENTIAL</b>                  Freedom Energy, Inc.</p> <p>3. Address and Telephone No.                  1856 Balsam Ave., Greeley, CO. 80631    (970) 352-8125</p> <p>4. Location of Well (Footage, Sec., T., R., M., or Survey Description)                  1305' FEL, 1193' FSL, SESE, Sec.23-T11S-R24E, SLM</p>	<p>5. Lease Agreement Designation                  Thimble Rock</p> <p>8. Well Name and No.                  Thimble Rock Federal</p> <p>9. API Well No. #23-15                  43-047-32604</p> <p>10. Field and Pool, or Exploratory Area                  Rock House</p> <p>11. County or Parish, State                  Uintah County, Utah</p>
--	--

**12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Perforating/testing</u>	<input type="checkbox"/> Dispose Water

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

**13. 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.)\***

Work on the above referenced well was done as follows:

7-22-95: Run CBL & perforate Mesa Verde - 5688-90, 5600-02, 5476-78, 5211-13, 2 spf, t1 16 shots, 3-3/8" H3II shots.

7-27-95 Breakdown formation with 750 gals. 7-1/2% HCL & 35 1.3 sq ball sealers.

Well is shut-in, not ready to produce, completion still pending.

Once well is completed and all information compiled, a complete Completion Report will be submitted.

CBL enclosed.

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

Signed *Sam Cook* Title Compliance Officer Date 8-2-95

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
 Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

741  
**CONFIDENTIAL**

Freedom Energy, Inc.  
Thimble Rock Federal 23-15  
Completion *Su 23 T/15, R24E*  
*42-047-32604*

AUG 25 1995

- 07-27-95 ball action. Ball off perfs @ 4800 psi. Surge balls cont'd off. Finish disp 4.6 bpm @ 2200 psi. ISDP 1150 psi, Franks 5 min 500 psi, 10 min 400 psi, 15 min 300 psi. TLTR 40 bbls. Beginning TG 1-5". RU swab. Swab back 13 BW. Well flowing @ 10:00 a.m. 11:30 a.m. TG 1-10 1/2" - 9 bbls. 12:30 p.m. TG 1-10 1/2". Flow to pit thru tester. Mist tested 32 psi on 3/4 " plate f/1 hr, 540 mcf. FB to tank on 26/64" choke.
- 07-28-95 180 psi, TG 2'. Made 5 BW in 16 hrs. TLR 27 bbls. Franks TLTR 13 bbls. RU tester to pit. Bleed dwn pressure. Test on 3/4" plate f/1-1/2 hrs. Decreased fr/ 60 psi to 48 psi in 15 min. Remained @ 48 psi remainder of test (732 mcf). Load hole. Rel pkr. Set pkr @ 4559' KB, 147 jts. Pull 2 swabs. Well flowing. Flow to tank f/30 min. RU tester @ 10:30 a.m. Tested 317 mcf w/mist of water. Load hole. Rel pkr. TOOH. LD pkr. PU knotted collar, 1 jt tbg, SN, 142 jts. Tl 143 jts landed @ 4466' KB. ND BOP. Flange up WH. Hole cap 64 bbls. Swab back 17 bbls. Well flowing. Left flowing to tank on 26/64" choke.
- 07-29-95 FTP 200 psi. CP 210 psi. Made 39 BW. TLTR 8 BW fr/circ, 13 BW fr/acid job. Tl to recover: 21 BW. RU Franks hard line to tank. RD. Left flowing to tank on 26/64" choke. SI f/1hr 15 min to hook up line to tank. TP increased fr/210 psi to 1550 psi.
- 08-10-95 1500/1680. MIRU Flint pulling unit. Del BOPE. Del Fischer 150 bbls 2% KCL. Blow tbg to tank f/1.5 hrs thru 26/64. Press fell to 210/220; no fluid to tank. SI 12 min to RU orifice tester, press built to 425/460. Flow test 1 hr thru 0.75" plate. Final rate 750 mcf/d @ 200/220. Rate still falling but appears to be trying to level. SI 12 min to remove tester; press built to 375/1460. Open to tank overnight thru 24/64.
- 08-11-95 Strong blow/220. 10 min SI to install orifice tester, Fischer press built to 340/440. Test thru 0.75" plate f/20 min. Rate @ 802 mcf/d & falling. Press @ 210/250. RD tester, kill well, NU BOPE & POOH w/142 jts, SN, 1 jt w/NC (199 jts tl on btm). RU OWP. RIH & perf 4487-89, 2', 2 spf, 4 holes, 120 deg, 3-1/8 " port gun, all fired. RD OWP. MU Mtn States 'TS' RBP on 1 jt, SN, 143 jts, 10' sub. Well kicked off 2/3 way in hole. Roll hole. Set plug w/elements @ 4501. Break dwn perfs w/rig pumps. BDP 2000#, ISIP 1250, 4 min SI 50#. LD sub; 1 jt, EOT @ 4469, SN @ 4437 (hole vol above plug 63 bbls). Swab well, rec 43 BW today, no gas. IFL @ suf, EFL @ 3000', 9 runs. SWIFN.

Freedom Energy, Inc.  
Thimble Rock Federal 23-15  
Completion

08-12-95 0/slight blow. Swab well, IFL @ 2100' (1250' entry),  
Fischer 21 runs, all fr/SN @ 4437, rec 27 BW, no gas, no oil.  
FFL @ 4000'. Tl rec since setting RBP = 70 BW = + 7.  
Left tbg & csg on vac. SWIFN, SDFS.

08-13-95 Both tbg & csg on vac. Open tbg to tank. Oper shut  
Fischer dwn f/Sunday.

08-14-95 Well open to tank; no press on csg. Swab well. IFL @  
Fischer 2700'. (19 bbls entry 38 hrs.) Swab 13 runs rec 35.2  
BW today, no oil, no gas. FFL @ 4100'. Tl rec since  
setting RBP = 105 BW = + 42 bbls over hole vol. Rec  
since beginning of oper on 8-10-95 = + 30 bbls. SIW,  
ND BOPE, NU WH. RDMO pulling unit. Tbg in hole: 142  
jts, SN, 1 jt. Tbg on ground 56 jts. Final tank strap  
4'5-1/2" (193 bbls). EOT @ 4469, SN @ 4437, top RBP @  
4498. Del 4 water samples to BJ in Vernal on 8-14-95.  
Del 4 water samples (splits) to Schlumberger in Denver  
on 8-15-95.

To rel Mtn States 'TS' RBP: J into; pull 6k over  
string; set 10k string onto RBP & rotate 1 turn right,  
hold torque & PU to open bypass, let equalize then PU  
6', if free, drop past setting depth to check RBP on  
tbg. POOH.

Well left SI; choke 26/64, choke nipple almost washed  
out, change out.

CONFIDENTIAL

RECEIVED  
OCT 10 1995

741

Freedom Energy, Inc.  
Thimble Rock Federal 23-15  
Completion

42-047-32604 Sec 23 TNS, R24E

08-12-95 0/ slight blow. Swab well, IFL @ 2100' (1250' entry),  
Fischer 21 runs, all fr/SN @ 4437, rev of BW, no gas, no oil.  
FFL @ 4000'. Tl rec since setting RBP = 70 BW = + 7.  
Left tbg & csg on vac. SWIFN, SDFS.

08-13-95 Both tbg & csg on vac. Open tbg to tank. Oper shut  
Fischer dwn f/Sunday.

08-14-95 Well open to tank; no press on csg. Swab well. IFL @  
Fischer 2700'. (19 bbls entry 38 hrs.) Swab 13 runs rec 35.2  
BW today, no oil, no gas. FFL @ 4100'. Tl rec since  
setting RBP = 105 BW = + 42 bbls over hole vol. Rec  
since beginning of oper on 8-10-95 = + 30 bbls. SIW,  
ND BOPE, NU WH. RDMO pulling unit. Tbg in hole: 142  
jts, SN, 1 jt. Tbg on ground 56 jts. Final tank strap  
4'5-1/2" (193 bbls). EOT @ 4469, SN @ 4437, top RBP @  
4498. Del 4 water samples to BJ in Vernal on 8-14-95.  
Del 4 water samples (splits) to Schlumberger in Denver  
on 8-15-95.

To rel Mtn States 'TS' RBP: J into; pull 6k over  
string; set 10k string onto RBP & rotate 1 turn right,  
hold torque & PU to open bypass, let equalize then PU  
6', if free, drop past setting depth to check RBP on  
tbg. POOH.

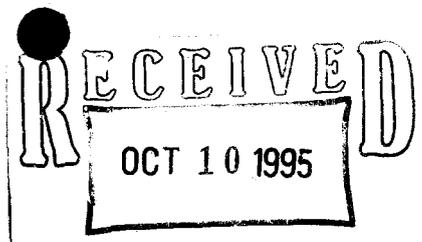
Well left SI; choke 26/64, choke nipple almost washed  
out, change out.

09-19-95 MIRU Flint pulling unit. TP 30 psi, CP 40 psi. Bleed  
Franks off pressure. No gas. Install BOP. PU swab, FL 400'.  
Swab dwn to SN. Rcvrd 55 BW. Caught sample on last  
run. SI. Beginning gauge: 4.4, ending 6.5.

09-20-95 TP 0, CP 0. PU swab, FL 2500'. Pull 3 swabs. Catch  
Franks sample. RU pump. Load hole. Retrieve BP, TOO. Well  
started flowing w/17 stds in hole. FB 75 min, circ,  
pull 5 stds. Well started flowing. FB 1 hr, load hole  
TOOH, LD BP. PU Mtn States 4-1/2" SL packer. Run pkr  
upside dwn to set in compression. Well started  
flowing. Shut BOP, left flowing to tank on 28/64  
choke.

09-21-95 FCP 180 psi. Bleed dwn pressure. Pump 63 BW dwn hole.  
Franks BG 6.2, EG 3.11. PU Mtn States SL packer. Ran pkr  
upside dwn to set in compression. Ran tbg as follows:  
packer, 1 jt tbg, SN; 143 jts tbg. Tl 144 jts. Pkr  
set @ 4500'. ND BOP, set pkr, flange up WH. Swab dwn  
to SN. RU tester to flow to pit. Build up 20 psi in  
25 min. Test 125 mcf. Pull swab. 200' fluid, flow to

Freedom Energy, Inc.  
Thimble Rock Federal E 23-15  
Completion



09-21-95 pit. Pull swab, 30 min between swabs. ~~Rel rig 1600 gas~~  
cont'd cut water. Install choke. Build up to 200 psi in 15  
min, SI.

09-22-95 TP 1600 psi. Bleed dwn pressure. RU tester. Tested  
Franks 288 mcf. Pull swab, no fluid. RU tester. Tested 344  
mcf. Rel rig. Left flowing to pit thru 3/4" plate.

09-23-95 Vol had increased to 473 mcf. Install 28/64 choke, SI.  
Franks

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

TIGHT HOLE

RECEIVED NOV 13 1995

PHASE DESIGNATION AND SERIAL NO. U-66761

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] DRY [ ] Other [ ]
b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other [ ]

DIV. OF OIL, GAS & MINING Final Completion Report

AGREEMENT NAME Thimble Rock

2. NAME OF OPERATOR Freedom Energy, Inc.

5. FARM OR LEASE NAME Thimble Rock Federal

3. ADDRESS OF OPERATOR 1856 Balsam Ave., Greeley, CO. 80631

9. WELL NO. 23-15

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\* At surface 1305' FEL, 1193' FSL SESE

10. FIELD AND POOL, OR WILDCAT Rock House Wildcat field

At top prod. interval reported below Same

11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA Sec. 23-T11S-R24E SLM

At total depth Same

CONFIDENTIAL

12. COUNTY OR PARISH Uintah 13. STATE Utah

14. PERMIT NO. 43-047-32604 15. DATE SPUDDED 4-24-95 16. DATE T.D. REACHED 5-2-95 17. DATE COMPL. (Ready to prod.) 9-23-95 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6143' GR 19. ELEV. CASINGHEAD 6157' KB

20. TOTAL DEPTH, MD & TVD 5796' 21. PLUG, BACK T.D., MD & TVD 5180' (CIBP) 22. IF MULTIPLE COMPL., HOW MANY? n/a 23. INTERVALS DRILLED BY 0-5796 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 5211-5690 Mesa Verde 4518-4533 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CBL/VDL/GR, CNL 8-7-95 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well) CASING SIZE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE CEMENTING RECORD AMOUNT PULLED

29. LINER RECORD 30. TUBING RECORD SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT\* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD)

Table with 6 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Rows include 9-5/8, 4-1/2.

Table with 8 columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT\*, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD). Row includes N/A, 2-3/8, 4466' KB.

31. PERFORATION RECORD (Interval, size and number) 5688-90 2 spf, 5600-5602 2 spf, 5476-5478 2 spf, 5211-5213 2 spf, 16 3-3/8" shots Mesa Verde 4628-37 1 spf, 4529-33 1 spf, 4518-22 lspf, 17 3-3/8" shots 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 4518-4637 750 gals 7-1/2% HCL & 35 1.3 ball sealers

33.\* PRODUCTION SHUT IN - WAITING ON GAS LINE DATE FIRST PRODUCTION - PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) - WELL STATUS (Producing or shut-in) Shut in

DATE OF TEST 10-2-95 HOURS TESTED - CHOKE SIZE 28/64 PROD'N. FOR TEST PERIOD - OIL-BBL. 0 GAS-MCF. 740 WATER-BBL. - GAS-OIL RATIO - FLOW. TUBING PRESS. 1600 CASING PRESSURE - CALCULATED 24-HOUR RATE - OIL-BBL. 0 GAS-MCF. 740 WATER-BBL. - OIL GRAVITY-API (CORR.) -

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

35. LIST OF ATTACHMENTS N/A

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED [Signature] TITLE Compliance Officer DATE 11-8-95

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

U-66761

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation

Thimble Rock

8. Well Name and No.

Thimble Rock Fed. 23-15

9. API Well No.

43-047-32604

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Uintah County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Freedom Energy, Inc.

3. Address and Telephone No.

1856 Balsam Ave., Greeley, CO. 80631 (970) 352-8125

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1305' FEL, 1193' FSL SESE Sec.23-T11S-R24E SLM

CONFIDENTIAL

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other First Production
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work, and directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This well went down line with first sales on 2-17-96 @ 6:00P.M.

Detailed report to follow.

Enclosed: Meter Inspection report enclosed.

MAR - 4 1996

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

Signed Paul Frank Title Compliance Officer Date 2-28-96

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# MCR SPECIALTIES

- MO.  MM
- BM.  FM
- Q.  CM
- SA.  NC
- NS

## MEASURING STATION INSPECTION REPORT

Contract With FREEDOM ENERGY Parish or County Lincoln State UTAH  
 Station Name THIMBLE ROCK FED # 23-15 Field \_\_\_\_\_ Date 2-17-96  
 Measuring Gas From \_\_\_\_\_ To \_\_\_\_\_ Sta. No. \_\_\_\_\_  
LEASE # 466763

Orifice Meter	Meter Calibration Test	Calibration Found OK <input type="checkbox"/> YES <input type="checkbox"/> NO	Calibration Left OK <input type="checkbox"/> YES <input type="checkbox"/> NO																																												
<b>MAKE</b> <input type="checkbox"/> American <input checked="" type="checkbox"/> Barton <input type="checkbox"/> Emco <input type="checkbox"/> Foxboro <input type="checkbox"/> Other _____ Serial No.: <u>202-E310101</u> <b>TYPE</b> <input type="checkbox"/> Mercury <input checked="" type="checkbox"/> Bellows <b>DIFF</b> <input type="checkbox"/> 20" <input type="checkbox"/> 50" <input checked="" type="checkbox"/> 100" <input type="checkbox"/> Other _____ <b>STATIC</b> <input type="checkbox"/> 0-100# <input checked="" type="checkbox"/> 0-500# <input type="checkbox"/> 0-1000# <input type="checkbox"/> 0-1500# <input type="checkbox"/> 0-2000# <input type="checkbox"/> 0-3000# <input type="checkbox"/> 0-4000# <input type="checkbox"/> Other _____ <b>CHART ROTATION</b> <input type="checkbox"/> 24 Hour <input type="checkbox"/> 7 Day <input checked="" type="checkbox"/> 8 Day / 6 Day	Pen ARC: <input checked="" type="checkbox"/> OK <input type="checkbox"/> Reset Time IAG: <input checked="" type="checkbox"/> OK <input type="checkbox"/> Reset Friction Test: Before <u>OK</u> After _____ Leaks Found: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Repaired: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Zero @ WP <u>0.0</u> Zero @ AP <u>0.0</u> W. P. Reset: <input type="checkbox"/> Yes <input type="checkbox"/> No Diff Found: <u>0.0</u> Left: <u>0.0</u>	<table border="1" style="width: 100%; text-align: center;"> <tr> <td rowspan="2">U F</td> <td>WC</td> <td>0</td> <td>20</td> <td>40</td> <td>60</td> <td>80</td> <td>100</td> <td rowspan="2">U F</td> <td>WC</td> <td colspan="4" rowspan="2">SAME</td> </tr> <tr> <td>MTR</td> <td>0</td> <td>20</td> <td>40</td> <td>60</td> <td>80</td> <td>100</td> <td>MTR</td> </tr> <tr> <td rowspan="2">D W N</td> <td>WC</td> <td>90</td> <td>70</td> <td>50</td> <td>30</td> <td>10</td> <td>0</td> <td rowspan="2">D W N</td> <td>WC</td> <td colspan="4" rowspan="2">SAME</td> </tr> <tr> <td>MTR</td> <td>90</td> <td>70</td> <td>50</td> <td>30</td> <td>10</td> <td>0</td> <td>MTR</td> </tr> </table>	U F	WC	0	20	40	60	80	100	U F	WC	SAME				MTR	0	20	40	60	80	100	MTR	D W N	WC	90	70	50	30	10	0	D W N	WC	SAME				MTR	90	70	50	30	10	0	MTR	ORIFICE CHANGE INSTALL (SIZE) _____ (TIME) _____ REMOVE (SIZE) _____ (TIME) _____ ORIFICE INSPECTION FOUND (SIZE) <u>1.000</u> (INSP) _____ YES/NO _____ COND GOOD FAIR POOR REJECT VERIFY BORE MEASURE _____ CALIPER _____ TUBE (BORE) <u>2.1262</u> FLANGE PIPE TAP _____ FITTING FLANGE <u>SIMPLEX</u> JUNIOR SENIOR _____ COND GOOD FAIR POOR REJECT SPECIFIC GRAVITY _____ METHOD: RANAREX OTHER _____
	U F	WC		0	20	40	60	80	100	U F		WC					SAME																														
		MTR	0	20	40	60	80	100	MTR																																						
	D W N	WC	90	70	50	30	10	0	D W N	WC	SAME																																				
MTR		90	70	50	30	10	0	MTR																																							
<b>PROCUREMENT OF SAMPLES FOR ANALYSIS</b>																																															
SAMPLE GAS/DIST/OIL/WATER SOURCE SAMPLE TEMP. _____ PSIG _____ DEW POINT DETERMINATION DEW PT. TEMP. (HYD CARB) _____ (WATER) _____ LBS. WAT MMCF _____ TYPE DEHYDRATOR _____ SAMPLE POINT (TEMP.) _____ (PRES) _____																																															

**REMARKS:**

INSTALLED METER 1 1/2 hrs.  
PARTS: (1-0-500# STATIC SPRING) (1-1/4 x 3/8 SI. TUB. CONT.)  
(1-2" x 3/4 TEM. WELL) (3-PENS)

TESTER

WITNESS SIGNATURE: \_\_\_\_\_

FOR: \_\_\_\_\_

WITNESS

TESTER SIGNATURE: [Signature]

FOR: \_\_\_\_\_

**MCR SPECIALTIES**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other Final completion  
 b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. ENVR.  Other Report

2. NAME OF OPERATOR  
Freedom Energy, Inc.

3. ADDRESS OF OPERATOR  
1856 Balsam Ave. Greeley, Co. 80631

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
 At surface 1305, FEL, 1193 FSL SESE  
 At top prod. interval reported below Same  
 At total depth Same

14. PERMIT NO. 43-047-32604 DATE ISSUED 1-3-95

5. LEASE DESIGNATION AND SERIAL NO.

U-66761

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Thimble rock

8. FARM OR LEASE NAME

Thimble Rock Federal

9. WELL NO.

23-15

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec.23-T11S-R24E SLM

12. COUNTY OR PARISH Uintah 13. STATE Utah

15. DATE SPUDDED 4-24-95 16. DATE T.D. REACHED 5-2-95 17. DATE COMPL. (Ready to prod.) 9-23-95 18. ELEVATIONS (OF. RKB, RT, GR, ETC.)\* 6143' GR 19. ELEV. CASINGHEAD 6157' KB

20. TOTAL DEPTH, MD & TVD 5796' 21. PLUG, BACK T.D., MD & TVD 5180' (CIBP) 22. IF MULTIPLE COMPL., HOW MANY\* n/a 23. INTERVALS DRILLED BY → ROTARY TOOLS 0-5796' CABLE TOOLS n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
4628-37'  
4529-4533 4518-4522' Mesa Verde  
 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/DIL CBL/VDL/GR 12-4-95 27. WAS WELL CORRD No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	40#	323 gL	12-1/4"	180 sks Class G	0
4-1/2"	11.6#	5724'	7-7/8"	500 sks Class G	0

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-3/8"	4500'	4500'

31. PERFORATION RECORD (Interval, size and number)  
5688-90 2spf, 5600-5602 2spf, 5476-78 2spf  
CIBP@ 5180'  
4628-37 1spf, 4529-33 1spf, 4518-22 1spf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>4518-4637'</u>	<u>750 Gal. 7-1/2% HCL 35</u> <u>1.3 ball sealers.</u>

33. PRODUCTION

DATE FIRST PRODUCTION 2-17-96 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
		<u>1"</u>	<u>→</u>	<u>0</u>	<u>660 mcf#</u>	<u>0</u>	<u>0</u>

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
<u>350 psi</u>	<u>n/a</u>	<u>→</u>	<u>0</u>	<u>660 mcf#</u>	<u>0</u>	<u>0</u>

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

35. LIST OF ATTACHMENTS  
Gas Analysis

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

SIGNED Paul Franko TITLE Vice-President DATE 3-12-96

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

**ANALYTICAL SERVICES**  
 RT # 2 P.O. BOX 2809  
 ROOSEVELT, UTAH 84066

**CERTIFICATE OF ANALYSIS  
 HYDROCARBONS BY GC**

REPORT DATE: 3-4-96

LAB NUMBER: 96030101

COMPANY: FREEDOM ENERGY

LOCATION:

DATE	TIME	SAMPLE PRES(PSI)	TEMP(DEG F)	SOURCE
				THIMBLE ROCK FED 23-15
NAME		MOLE %	GPM	VOLUME %
N2		0.285		
O2		0.040		
METHANE		93.142		
CO2		0.172		
ETHANE		3.328		
PROPANE		1.696	0.467	49.893
ISOBUTANE		0.328	0.107	11.458
NBUTANE		0.431	0.136	14.503
I-PENTANE		0.142	0.052	5.549
NPENTANE		0.104	0.038	4.032
HEXANES +		0.332	0.136	14.564
TOTALS		100	.93512	100

BTU PER CU.FT. (30 IN. 60 F. DRY) = 1098

BTU PER CU.FT. (30 IN. 60 F. SAT) = 1079

CALCULATED SPECIFIC GRAVITY OF GAS = 0.6145

COMPRESSIBILITY (Z) FACTOR = 0.9976

DATE	RUN #	ANALYSIS CYLINDER #	SAMPLER	ANALYST
3-1-96	1	H-3		GWP

OTHER INFO :

**EQUIPMENT INVENTORY  
UTAH DIVISION OF OIL, GAS AND MINING  
STATE OF UTAH**

Operator: FREEDOM ENERGY Lease: State:            Federal: X Indian:            Fee:             
Well Name: THIMBLE ROCK FED. 23-15 API Number: 43-047-32604

Section: 23 Township: 11S Range: 24E County: UINTAH Field: WILDCAT

Well Status: PGW Well Type: Oil:            Gas: X

**PRODUCTION LEASE EQUIPMENT: (NUMBER)**

Boiler(s):            Compressor(s):            Separator(s):            Dehydrator(s): 1  
Shed(s):            Line Heater(s):            Heated Separator(s): 1 VRU:             
Heater Treater(s):           

**PUMPS:**

Triplex:            Chemical: 1 Centrifugal:           

**LIFT METHOD:**

Pumpjack:            Hydraulic:            Submersible:            Flowing: X

**GAS EQUIPMENT: (NUMBER)**

Purchase Meter: 0 Sales Meter: 1

**TANKS:**

NUMBER

SIZE

Oil Storage Tank(s):                       BBLs

Water Tank(s):                       BBLs

Power Water Tank:                       BBLs

Condensate Tank(s):                       BBLs

Propane Tank:           

**Central Battery Location: (IF APPLICABLE)**

Qtr/Qtr:            Section:            Township:            Range:           

REMARKS: WELL GAS USED FOR FUEL, NO PROPANE. 350 PSI ON TUBING.  
RESERVE PIT IS OPEN WITH 350 BARRELS FLUID PRESENT.

Inspector: DAVID W. HACKFORD

Date: 3/13/96

↑  
North

Access

Gas Sales  
line goes  
underground

Meter  
House

Dehy  
Heated  
separator  
Combo

⊗  
wellhead  
+  
tree

Reserve pit  
w/ 450 Bbls fluid

22-141 50 SHEETS  
22-142 100 SHEETS  
22-144 200 SHEETS



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
APR 19 1993  
DIV. OF OIL, GAS & MINING

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry of a well. Use "APPLICATION FOR PERMIT—" for such proposals.

3. Lease Designation and Serial No.  
11-66761  
6. Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well  Gas Well  Other  
2. Name of Operator  
FREEDOM ENERGY, INC.  
3. Address and Telephone No.  
1856 BALSAM AVE., GREEEY, CO. 80631  
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1305' FEL, 1193' FSL SESE SEC.23-T11s-R24e SLM

CONFIDENTIAL

7. If Unit or CA, Agreement Designation  
THIMBLE ROCK  
8. Well Name and No.  
THIMBLE ROCK FED. 23-15  
9. API Well No.  
43-047-32604  
10. Field and Pool, or Exploratory Area  
WILDCAT  
11. County or Parish, State  
UINTAH, UTAH

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>30 day meter calibration</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. 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.)

ENCLOSED: 30 day meter calibration.

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

Signed Paul Frank Title Vice-President Date 4-17-96

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# MCR SPECIALTIES

- MO.  MM
- BM.  FM
- Q.  CM
- SA.  NC
- NS

## MEASURING STATION INSPECTION REPORT

Contract With FREEDOM ENERGY Parish of UTAH State UTAH  
 Station Name THIMBLE ROCK FED. 23-15 Field J Date 4-12-96  
 Measuring Gas From \_\_\_\_\_ To \_\_\_\_\_ Sta. No. \_\_\_\_\_

UTL 73519X

Orifice Meter	Meter Calibration Test	Calibration Found OK <input type="checkbox"/> YES <input type="checkbox"/> NO	Calibration Left OK <input type="checkbox"/> YES <input type="checkbox"/> NO																																																																																																																																												
<b>MAKE</b> <input type="checkbox"/> American <input checked="" type="checkbox"/> Barton <input type="checkbox"/> Emco <input type="checkbox"/> Foxboro <input type="checkbox"/> Other _____ Serial No.: <u>310101</u>	Pen ARC: <input type="checkbox"/> OK <input checked="" type="checkbox"/> Reset Time LAG: <input checked="" type="checkbox"/> OK <input type="checkbox"/> Reset Friction Test: Before <u>OK</u> After _____ Leaks Found: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Repaired: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Zero @ WP <u>0.0</u> Zero @ AP <u>0.0</u> W. P. Reset: <input type="checkbox"/> Yes <input type="checkbox"/> No Diff Found: <u>4.5</u> Left: <u>5.4</u>	<table border="1" style="width: 100%; text-align: center;"> <tr> <td rowspan="2">U P</td> <td>WC</td> <td>0</td> <td>20</td> <td>40</td> <td>60</td> <td>80</td> <td>100</td> <td rowspan="2">U P</td> <td>WC</td> <td>0</td> <td>20</td> <td>40</td> <td>60</td> <td>80</td> <td>100</td> </tr> <tr> <td>MTR</td> <td>0</td> <td>19</td> <td>39</td> <td>60</td> <td>80</td> <td>100</td> <td>MTR</td> <td>0</td> <td>20</td> <td>40</td> <td>60</td> <td>80</td> <td>100</td> </tr> <tr> <td rowspan="2">D O W N</td> <td>WC</td> <td>90</td> <td>70</td> <td>50</td> <td>30</td> <td>10</td> <td>0</td> <td rowspan="2">D O W N</td> <td>WC</td> <td>90</td> <td>70</td> <td>50</td> <td>30</td> <td>10</td> <td>0</td> </tr> <tr> <td>MTR</td> <td>90</td> <td>70</td> <td>50</td> <td>29</td> <td>9</td> <td>8</td> <td>MTR</td> <td>90</td> <td>70</td> <td>50</td> <td>30</td> <td>10</td> <td>0</td> </tr> </table>	U P	WC	0	20	40	60	80	100	U P	WC	0	20	40	60	80	100	MTR	0	19	39	60	80	100	MTR	0	20	40	60	80	100	D O W N	WC	90	70	50	30	10	0	D O W N	WC	90	70	50	30	10	0	MTR	90	70	50	29	9	8	MTR	90	70	50	30	10	0	<table border="1" style="width: 100%; text-align: center;"> <tr> <td colspan="4">ORIFICE CHANGE</td> </tr> <tr> <td>INSTALL</td> <td>(SIZE)</td> <td>_____</td> <td>(TIME)</td> <td>_____</td> </tr> <tr> <td>REMOVE</td> <td>(SIZE)</td> <td>_____</td> <td>(TIME)</td> <td>_____</td> </tr> <tr> <td colspan="4">ORIFICE INSPECTION</td> </tr> <tr> <td>FOUND COND</td> <td>(SIZE)</td> <td><u>250</u></td> <td>(INSP)</td> <td>YES/NO</td> </tr> <tr> <td></td> <td><u>GOOD</u></td> <td>FAIR</td> <td>POOR</td> <td>REJECT</td> </tr> <tr> <td>VERIFY BORE</td> <td>MEASURE</td> <td>_____</td> <td>CALIPER</td> <td>_____</td> </tr> <tr> <td>TUBE FITTING COND</td> <td>(BORE)</td> <td><u>2.062</u></td> <td>FLANGE</td> <td>PIPE TAP</td> </tr> <tr> <td></td> <td>FLANGE</td> <td><u>SIMPLEX</u></td> <td>JUNIOR</td> <td>SENIOR</td> </tr> <tr> <td></td> <td><u>GOOD</u></td> <td>FAIR</td> <td>POOR</td> <td>REJECT</td> </tr> <tr> <td>SPECIFIC GRAVITY</td> <td colspan="3">METHOD: <u>RANAREX</u> OTHER _____</td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>PROCUREMENT OF SAMPLES FOR ANALYSIS</b></td> </tr> <tr> <td colspan="2">SAMPLE GAS/DIST/OIL/WATER</td> <td colspan="2">SOURCE SAMPLE TEMP. _____ PSIG</td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>DEW POINT DETERMINATION</b></td> </tr> <tr> <td colspan="2">DEW PT. TEMP. (HYD CARB)</td> <td colspan="2">(WATER)</td> </tr> <tr> <td colspan="4">LBS. WAT MMCF _____</td> </tr> <tr> <td colspan="4">TYPE DEHYDRATOR _____</td> </tr> <tr> <td colspan="2">SAMPLE POINT (TEMP.)</td> <td colspan="2">(PRES)</td> </tr> </table>	ORIFICE CHANGE				INSTALL	(SIZE)	_____	(TIME)	_____	REMOVE	(SIZE)	_____	(TIME)	_____	ORIFICE INSPECTION				FOUND COND	(SIZE)	<u>250</u>	(INSP)	YES/NO		<u>GOOD</u>	FAIR	POOR	REJECT	VERIFY BORE	MEASURE	_____	CALIPER	_____	TUBE FITTING COND	(BORE)	<u>2.062</u>	FLANGE	PIPE TAP		FLANGE	<u>SIMPLEX</u>	JUNIOR	SENIOR		<u>GOOD</u>	FAIR	POOR	REJECT	SPECIFIC GRAVITY	METHOD: <u>RANAREX</u> OTHER _____			<b>PROCUREMENT OF SAMPLES FOR ANALYSIS</b>				SAMPLE GAS/DIST/OIL/WATER		SOURCE SAMPLE TEMP. _____ PSIG		<b>DEW POINT DETERMINATION</b>				DEW PT. TEMP. (HYD CARB)		(WATER)		LBS. WAT MMCF _____				TYPE DEHYDRATOR _____				SAMPLE POINT (TEMP.)		(PRES)	
U P	WC	0		20	40	60	80	100	U P	WC		0	20	40	60	80	100																																																																																																																														
	MTR	0	19	39	60	80	100	MTR		0	20	40	60	80	100																																																																																																																																
D O W N	WC	90	70	50	30	10	0	D O W N	WC	90	70	50	30	10	0																																																																																																																																
	MTR	90	70	50	29	9	8		MTR	90	70	50	30	10	0																																																																																																																																
ORIFICE CHANGE																																																																																																																																															
INSTALL	(SIZE)	_____	(TIME)	_____																																																																																																																																											
REMOVE	(SIZE)	_____	(TIME)	_____																																																																																																																																											
ORIFICE INSPECTION																																																																																																																																															
FOUND COND	(SIZE)	<u>250</u>	(INSP)	YES/NO																																																																																																																																											
	<u>GOOD</u>	FAIR	POOR	REJECT																																																																																																																																											
VERIFY BORE	MEASURE	_____	CALIPER	_____																																																																																																																																											
TUBE FITTING COND	(BORE)	<u>2.062</u>	FLANGE	PIPE TAP																																																																																																																																											
	FLANGE	<u>SIMPLEX</u>	JUNIOR	SENIOR																																																																																																																																											
	<u>GOOD</u>	FAIR	POOR	REJECT																																																																																																																																											
SPECIFIC GRAVITY	METHOD: <u>RANAREX</u> OTHER _____																																																																																																																																														
<b>PROCUREMENT OF SAMPLES FOR ANALYSIS</b>																																																																																																																																															
SAMPLE GAS/DIST/OIL/WATER		SOURCE SAMPLE TEMP. _____ PSIG																																																																																																																																													
<b>DEW POINT DETERMINATION</b>																																																																																																																																															
DEW PT. TEMP. (HYD CARB)		(WATER)																																																																																																																																													
LBS. WAT MMCF _____																																																																																																																																															
TYPE DEHYDRATOR _____																																																																																																																																															
SAMPLE POINT (TEMP.)		(PRES)																																																																																																																																													

**REMARKS:**

REMOVED 0-500# STATIC SPRING INSTALLED 0-1000#  
1- ORIFICE SEAL  
1 HR LABOR

TESTER  WITNESS  
 WITNESS SIGNATURE: David Kubly  TESTER SIGNATURE: Anthony Roberts  
 FOR: DM FOR: MCR SPECIALTIES

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
SEP 11 1996

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS, OIL, GAS & MINING

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

3. Lease Designation and Serial No.  
U-66761

6. If Indian, Allocated or Tribe Name  
--

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

THIMBLE ROCK

8. Well Name and No.  
THIMBLE ROCK FED. 23-15

9. API Well No.  
43-047-32604

10. Field and Pool, or Exploratory Area  
WILDCAT

11. County or Parish, State  
UINTAH COUNTY, UTAH

Type of Well  
 Oil Well  Gas Well  Other

Name of Operator  
FREEDOM ENERGY, INC.

Address and Telephone No.  
1050 17TH. ST. STE. 710 DENVER, CO. 80265 (303) 592-3022

Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1305' FEL, 1193' FSL SEC. 23, T11S, R24E SLM

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other WATER PIT
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

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 RESERVE PIT WILL BE BACKFILLED AROUND 9-20-96.

REQUEST APPROVAL FOR AN UNLINED PIT UNDER ONSHORE OIL AND GAS ORDER 43 CFR 3160 ORDER #7.

DUMP LINE FROM SEPARATOR AND A BLOW DOWN LINE TO PIT. DIMENSIONS WILL BE 10'X15'X5'.

WELL PRODUCES LESS THAN 2 BARRELS OF WATER PER DAY.

T.D.S. 7,858 ppm. (ENCLOSED)

NO SURFACE WATER OR WATER WELLS WITHIN A 1 MILE RADIUS.

AVERAGE MONTHLY PRECIPITATION LESS THAN 1 INCH.

P.X. WELL WILL BE FENCED AS FOLLOWS:

THIRTY NINE INCH NET WIRE FENCE WITH ONE STRAND OF BARBED WIRE ABOVE NET FENCE. NET WIRE WILL BE NO MORE THAN 2 INCHES ABOVE GROUND.

CORNEER POSTS WILL BE BRACED WOOD POSTS. STANDARD STEEL POSTS WILL BE USED BETWEEN CORNER POSTS.

I hereby certify that the foregoing is true and correct

Signed Paul Franks Title VICE-PRESIDENT

Date 9-9-96

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_  
Conditions of approval, if any: \_\_\_\_\_

Accepted by the  
Utah Division of  
Oil, Gas and Mining

18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false or fraudulent statements or representations as to any matter within its jurisdiction.

FOR RECORD ONLY

\*See Instruction on Reverse Side

VR01W159

**BJ SERVICES COMPANY**  
**WATER ANALYSIS #VR01W159**  
**VERNAL UT LAB**

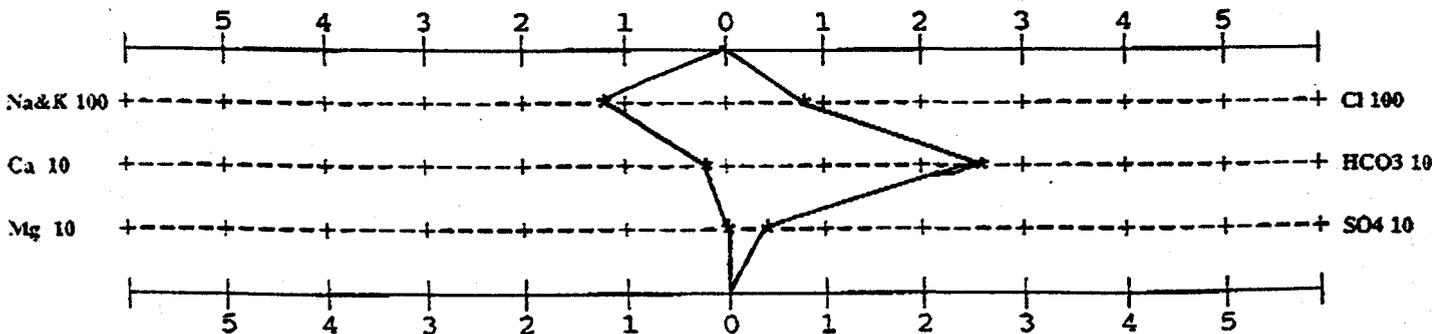
GENERAL INFORMATION			
OPERATOR:	FREEDOM ENERGY	DEPTH:	
WELL:	THIMBLE ROCK 23-15	DATE SAMPLED:	08/14/95
FIELD:	ROCK HOUSE UNIT	DATE RECEIVED:	08/14/95
SUBMITTED BY:	E. REED FISCHER	COUNTY:	UINTAH STATE: UT
WORKED BY:	CARLOS GRAHAM	FORMATION:	?
PHONE NUMBER:	801-781-2294		

SAMPLE DESCRIPTION	
CLEAR H2O	

PHYSICAL AND CHEMICAL DETERMINATIONS			
SPECIFIC GRAVITY:	1.005	@ 72°F	PH: 9.00
RESISTIVITY (MEASURED ):	0.950	ohms @ 72°F	
IRON (FE++) :	0 ppm	SULFATE:	229 ppm
CALCIUM:	24 ppm	TOTAL HARDNESS	60 ppm
MAGNESIUM:	0 ppm	BICARBONATE:	1,627 ppm
CHLORIDE:	3,183 ppm	SODIUM CHLORIDE (Calc)	5,237 ppm
SODIUM+POTASS:	2,759 ppm	TOT. DISSOLVED SOLIDS:	7,858 ppm
IODINE:		POTASSIUM CHLORIDE:	

REMARKS
+32.

STIFF TYPE PLOT (IN MEQ/L)

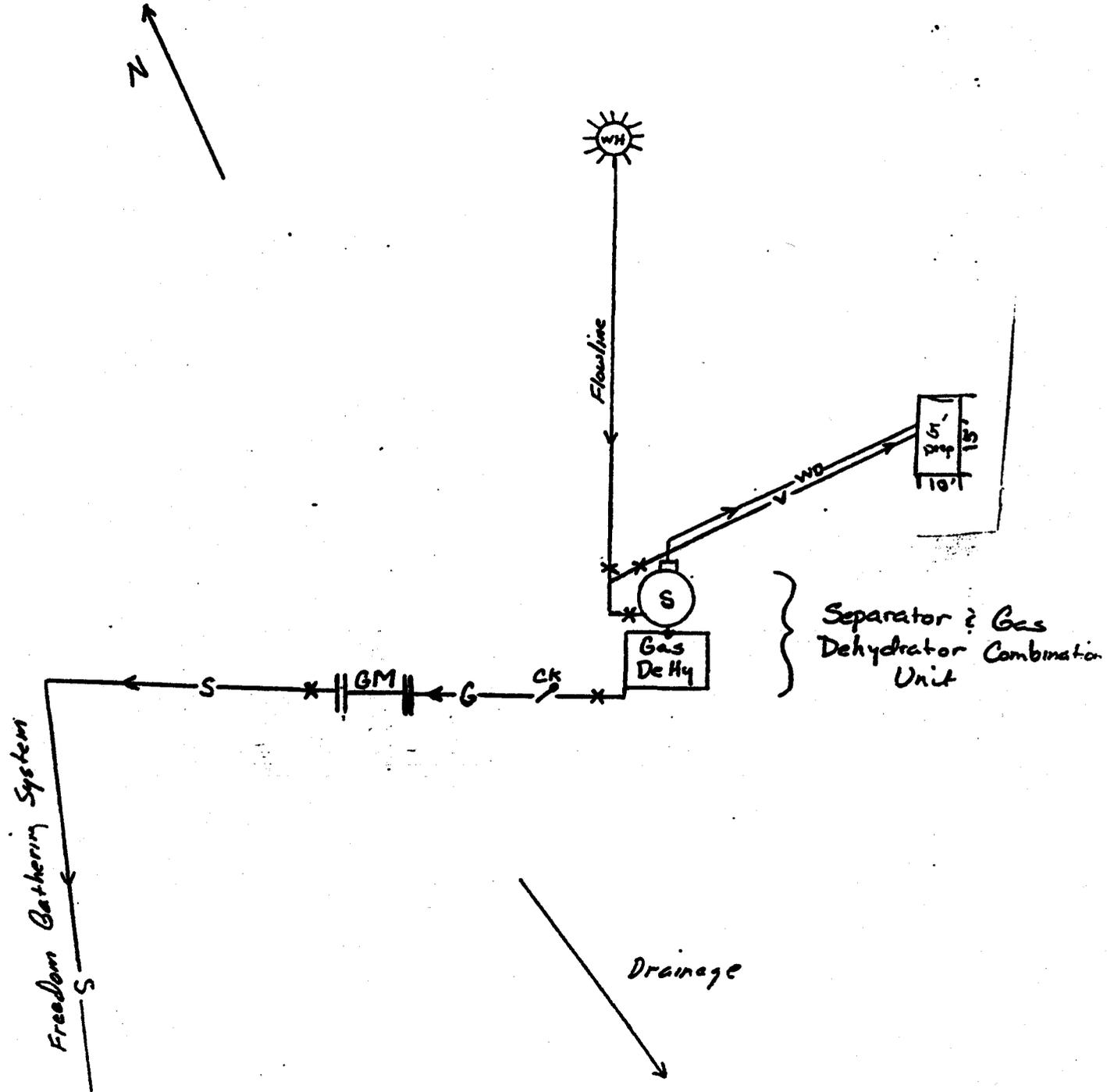


ANALYST Carlos Graham  
 CARLOS GRAHAM

Freedom Energy, Inc.  
Lease: Federal U66761  
API No: 43-047-32604

Thimble Rock Federal 'E' #23-15  
SESE Sec. 23, T11S-R24E  
Uintah County, Utah

This lease is subject to the site security base plan for the Bureau of Land Management's Vernal District Office. Copies of the base plan may be obtained at the locations listed on Exhibit A.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

3. Lease Designation and Serial No.  
U-66761

6. If Indian, Allottee or Tribe Name  
--

7. If Unit or CA, Agreement Designation

THIMBLE ROCK

8. Well Name and No.  
THIMBLE ROCK FED. 23-15

9. API Well No.  
43-047-32604

10. Field and Pool, or Exploratory Area  
WILDCAT

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE

~~CONFIDENTIAL~~

Type of Well  
 Oil Well  Gas Well  Other

Name of Operator  
FREEDOM ENERGY, INC.

Address and Telephone No.  
1050 17TH. ST. STE. 710 DENVER, CO. 80265 (303) 592-3022

Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1305' FEL, 1193' FSL SEC. 23, T11S, R24E SLM

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other R Re-Perforate
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

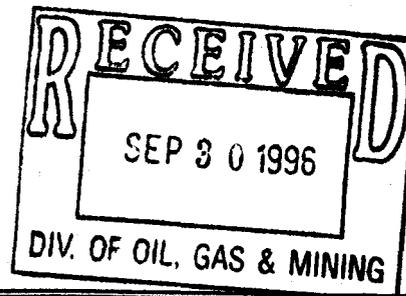
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)

Reperforate the following zones in the Mesa Verde. 4626'-4640' 14'- 2 s.p.f. 4528'-4534' 6'- 2 s.p.f.; 4518'-4524' 6' 2 s.p.f. Perforate additional zone 4544'-4550' 6' 2 s.p.f. Break down with 750 gal. 7½% HCL with 50 ball sealers. Swab load back. Test down production line for 2 weeks.

Perf. Wasatch zone. 4070'-4074' 2 s.p.f. Break down with 500 gal. 7½% HCL. If commercial quantities of gas are tested, commingle with Mesa Verde. If commercial quantities are not tested will cement pers @ 4070'-4074' with 100 sks class G.

Est. date of work: 10-20-96



I hereby certify that the foregoing is true and correct

Signed Paul Frank Title VICE-PRESIDENT Date 9-26-96

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any: \_\_\_\_\_

18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reenter a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.  
*U-66761*

6. If Indian, Allottee or Tribe Name  
*N/A*

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

7. If Unit or CA, Agreement Designation  
*THIMBLE ROCK*

8. Well Name and No.  
*THIMBLE ROCK FED. 23-15*

2. Name of Operator  
*FREEDOM ENERGY, INC.*

9. API Well No.  
*43-047-32604*

3. Address and Telephone No.  
*1050 17TH. ST. STE. 710 DENVER, CO. 80265 (303) 592-3022*

10. Field and Pool, or Exploratory Area  
*Wildcat*

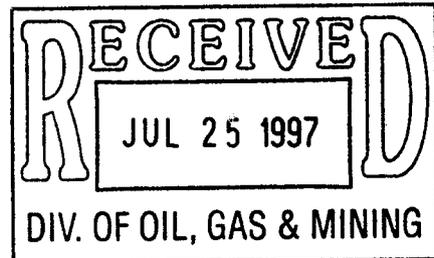
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
*1305'FEL, 1193' FSL SEC.23-T11S-R24E*

11. County or Parish, State  
*Uintah County, Utah*

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>METER CALIBRATION</u> (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

13. 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.)\*  
**ENCLOSED: METER CALIBRATION**



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

Signed *Paul Franks* Title *Vice-President* Date *07/23/97*

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any: \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*See Instructions on Reverse Side**

# ORIFICE METER TEST REPORT

CO. Freedom Energy Inc. DATE 3-28-97  
 GAS FR. Freedom FED LEASE U-166763  
 GAS TO Reswood STA. NO. 23-15  
 WELL NAME Triangle Rock, Fed # 23-15 SESE S23-T115-R24E  
 CTY Wintah STATE UT FIELD Free Stem

## ORIFICE METER

Make & No. Barton 310101 Model: 202E WP: 2500 Mercury  Bellows   
 Range: Diff. 102" Static 1000# Cycle: 16-Day Static Sol: Gauge  Absolute   
 Pen Arc OK Time Lag @ Zero 4 Hrs. Chart Time \_\_\_\_\_ Correct Time \_\_\_\_\_  
 Friction: Free-Yes  No  Lakes: Yes  No  Repairs: Yes  No  Zero: W.P. \_\_\_\_\_ A.P. 12.3  
 Meter Recording Found: Diff: \_\_\_\_\_ Static: \_\_\_\_\_ Left: Diff \_\_\_\_\_ Static \_\_\_\_\_  
 While Testing: Gas was passing Yes  No  Flow Rate Changed: Yes  No

## 6.35 STATIC TEST 6.3P

	Found			Left		
GA. or DW	988	395	0	0	395	988
GA. or Ab.	996.0	403.2	12.3	12.3	407.3	1000.3

Corrected Chart Reading  
From: \_\_\_\_\_ Rts. To: \_\_\_\_\_ Rts.

## DIFFERENTIAL TEST (Include Test at Flow Rate)

2.49 2.5

	Found			Left		
Diff-Up	0	48.8	99.8	0	49	100
WC-PK	0	49	100	0	49	100
Diff-DN	72.0	6.2	0	72.2	6.2	0
WC-PK	72.2	6.2	0	72.2	6.2	0

Corrected Chart Reading  
From: \_\_\_\_\_ Rts. To: \_\_\_\_\_ Rts.

## METER TUBE

U.S.I.D. 2.067 Unlevel  Pitted  OK   
 Fitting: Sr.  Jr.  Taps: Flange  Pipe

## THERMOMETER

Make & No. Same Rng: 0-150  
 Ind. or Rec. Test 56 ° Found 48 ° Left 56 °

## DEW POINT

Dew Point Temp \_\_\_\_\_ ° F. Test Psig: \_\_\_\_\_  
 Water Content \_\_\_\_\_ Lbs/MMCF \_\_\_\_\_  
 Meter Diff. \_\_\_\_\_ Ins. Psig. \_\_\_\_\_  
 BTU @ \_\_\_\_\_ PSIA & \_\_\_\_\_ F Wet-Dry

## ORIFICE PLATE

I.D. 6.25 Type Universal Seal: Good  Bad   
 Surf. Clean: Yes  No  U.S. Edge: Sharp Yes  No   
 Centered: Yes  No  Warped: Sharp Yes  No

ORIFICE PLATE CHANGE

OUT \_\_\_\_\_ x \_\_\_\_\_

IN \_\_\_\_\_ x \_\_\_\_\_

CHART CHANGED Yes  No

TIME OF CHANGE: \_\_\_\_\_

GAS GRAVITY \_\_\_\_\_

RANAREX \_\_\_\_\_

## ORIFICE CONSTANT

BASIC ORIFICE FLOW	F b		5
REYNOLDS NUMBER	F r		4
SUPER COMPRESSIBILITY	F pv		
PRESS BS	F P B		3
FLOW TEMP OF	F l i		
SPECI GRAV	F g		2
SO. RT. CHART FACTOR	C S		
1 HR. COEFF			
24 HR. COEFF SCF/D			1
COEFF MCF/D			0

Remarks \_\_\_\_\_

Company L.M.P.

Tester DRW

Witness \_\_\_\_\_

# MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

FREEDOM ENERGY INC  
 1050 17TH ST STE 710  
 DENVER CO 80265

UTAH ACCOUNT NUMBER: N3285

REPORT PERIOD (MONTH/YEAR): 12 / 97

AMENDED REPORT  (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ 4304732603	11723	11S 23E 24	WSTC			408	Hanging Rock Unit	
✓ 4304732604	11759	11S 24E 23	MVRD			761	Thimble Rock Unit	
✓ 4304732679	11889	12S 23E 1	WSTC			455	Hanging Rock Unit	
✓ 4304732748	11889	12S 23E 12	WSTC			455	"	
✓ 4304732751	11889	12S 24E 7	WSTC			426	"	
✓ 4304732871	11889	12S 23E 1	WSTC			455	"	
Y FEDERAL F 6-15	12037	12S 24E 6	WSTC			424		
CENTER FORK F 17-4	12038	12S 24E 17	WSMVD			726		
TUCKER FEDERAL F 8-4	12125	12S 24E 8	WSTC			239		
<b>TOTALS</b>								

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge. Date: \_\_\_\_\_  
 Name and Signature: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reenter a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

**FREEDOM ENERGY, INC.**

3. Address and Telephone No.

**1050 17TH. ST. STE. 710 DENVER, CO. 80265 (303) 592-3022**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1305' FEL, 1193' FSL SEC.23-T11S-R24E**

5. Lease Designation and Serial No.

**U-66761**

6. If Indian, Allottee or Tribe Name

**N/A**

7. If Unit or CA, Agreement Designation

**UTU-73519X**

8. Well Name and No.

**THIMBLE ROCK FED. 23-15**

9. API Well No.

**43-047-32604**

10. Field and Pool, or Exploratory Area

**Wildcat**

11. County or Parish, State

**Uintah County, Utah**

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

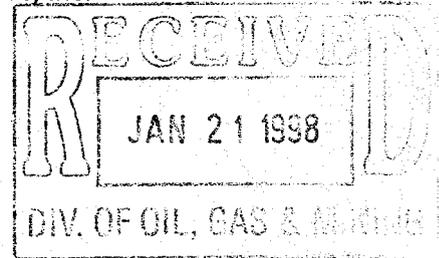
TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other CHANGE OF OPERATOR
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

13. 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.)\*

*Please be advised that Rosewood Resources, Inc., Ste. 500, 100 Crescent Court, Dallas, Texas, 75201, is considered to be the operator of the Thimble Rock Fed. 23-15, SE/SE Sec. 23-T11S-R24E; Lease # U-66761 Uintah County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Rosewood Resources, Inc. Bond # UT-0627*



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

Signed Paul Franko Title Vice-President Date 01/01/98

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any: \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

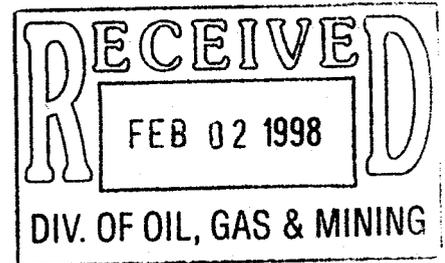
\*See Instructions on Reverse Side



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
UT-931

January 30, 1998

Rosewood Resources, Inc.  
Suite 500  
100 Crescent Court  
Dallas, Texas 75201

Re: Thimble Rock Unit  
Uintah County, Utah

Gentlemen:

On January 28, 1998, we received an indenture dated January 21, 1998, whereby Freedom Energy, Inc. resigned as Unit Operator and Rosewood Resources, Inc. was designated as Successor Unit Operator for the Thimble Rock Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective January 30, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Thimble Rock Unit Agreement.

Your nationwide (Montana) oil and gas bond No. 0627 will be used to cover all operations within the Hanging Rock Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

### Enclosure

bcc: District Manager - Vernal (w/enclosure)  
Division of Oil, Gas & Mining  
Minerals Adjudication Group U-932  
File - Thimble Rock Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

U-931:TAThompson:tt:1/30/98

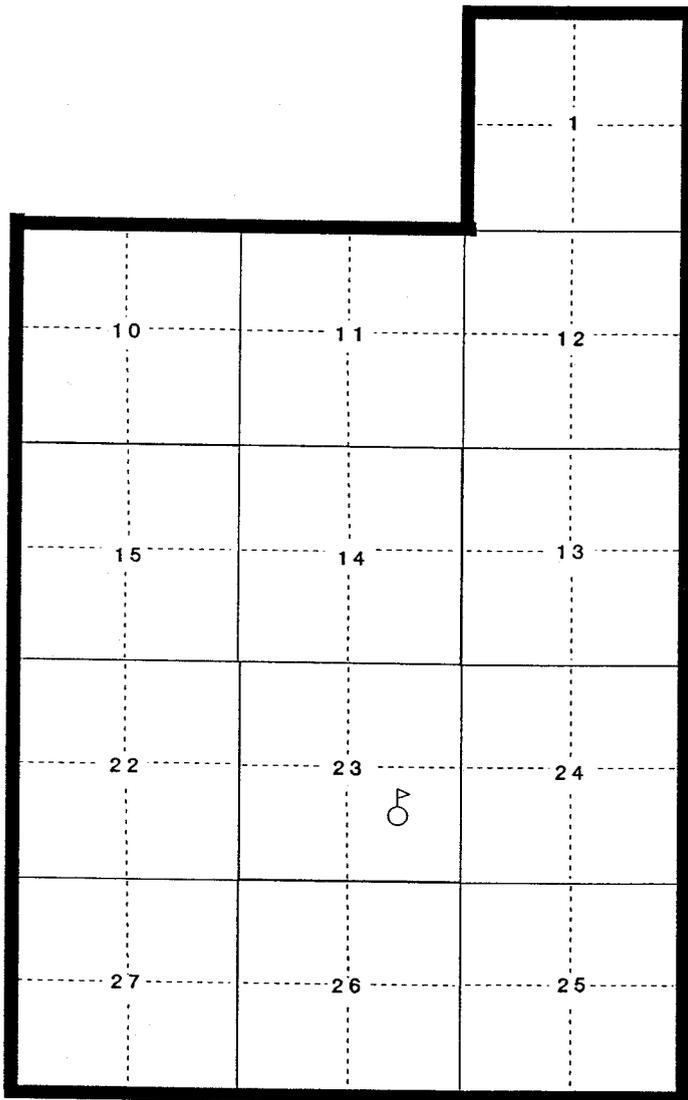
Page No. 1  
01/30/98

Well Status Report  
Utah State Office  
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: UTU73519A								
UTU66761	4304732604	THIMBLE ROCK 23-15	SESE	23	T11S	R24E	PGW	FREEDOM ENERGY INCORPORATED

# THIMBLE ROCK UNIT

## Uintah County, Utah



11S

24E

— UNIT OUTLINE (UTU73519X)  
8,319.84 ACRES

**ROSEWOOD  
RESOURCES**

February 5, 1998

Lisha Cordova  
Utah Dept. of Natural Resources  
Division of Oil, Gas, and Mining  
P. O. Box 145801  
Salt Lake City, UT 84114-5801

Re: Transfer of Operations from Freedom Energy, Inc. to Rosewood  
Uintah County, Utah

Dear Ms. Cordova:

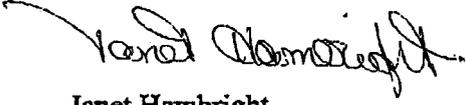
This letter will confirm that Rosewood Resources, Inc. has taken over operations from Freedom Energy, Inc. in the wells listed below.

<u>Well Name</u>	<u>Property Location</u>
	<u>All In Uintah Co, Utah</u>
1. Hanging Rock "H" #24-13	SW SW Sec. 24-11S-24E
2. Hanging Rock "I" #1-16	SE SE Sec. 01-12S-23E
3. Hanging Rock "F" #7-6	SE NW Sec. 07-12S-24E
4. Hanging Rock "I" #12-4	NW NW Sec. 12-12S-23E
5. Hanging Rock "I" #1-14	SE SW Sec. 01-12S-23E
6. Toby Federal "F" #6-15	SW SE Sec. 06-12S-24E
7. Tucker Federal "F" #8-4	NW NW Sec. 08-12S-24E
8. Center Fork "F" #17-4	NW NW Sec. 17-12S-24E
9. Thimble Rock #23-15	SE SE Sec. 23-11S-24E

Thank you for updating your records accordingly. Please let me know if you need any further information. If you need to send any requests to me by fax, my fax number is (214) 999-5757.

Sincerely,

ROSEWOOD RESOURCES, INC.

  
Janet Hambright  
Paralegal (214) 871-5718

Rosewood Resources, Inc.  
Suite 500  
100 Crescent Court  
Dallas, Texas 75201  
214 871 5700  
214 871 5110 (Fax)

# OPERATOR CHANGE WORKSHEET

Routing	
1- JEC ✓	6- WTC ✓
2- GLH ✓	7- KAS ✓
3- DTS ✓	8- SI ✓
4- VLD ✓	9- FILE ✓
5- JRB ✓	

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: 1-30-98

<b>TO:</b> (new operator)	<u>ROSEWOOD RESOURCES INC</u>	<b>FROM:</b> (old operator)	<u>FREEDOM ENERGY INC</u>
(address)	<u>100 CRESCENT COURT #500</u>	(address)	<u>1050 17TH ST STE 710</u>
	<u>DALLAS TX 75201</u>		<u>DENVER CO 80265</u>
Phone:	<u>(214)871-5718</u>	Phone:	<u>(303)592-3022</u>
Account no.	<u>N7510</u>	Account no.	<u>N3285</u>

**WELL(S)** attach additional page if needed: **HANGING ROCK UNIT & THIMBLE ROCK UNIT**

Name: <b>**SEE ATTACHED**</b>	API: <u>43-047-321604</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

- lec* 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(rec'd 1-21-98)*
- lec* 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(req. 1-21-98) (req. 2-3-98) (rec'd 2-5-98)*
- N/A* 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_
- lec* 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- lec* 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(2-3-98)*
- lec* 6. **Cardex** file has been updated for each well listed above. *(2-4-98)*
- lec* 7. **Well file labels** have been updated for each well listed above. *(2-4-98)*
- lec* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(2-3-98)*
- lec* 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**

- Yes 1. (r649-8-7) 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. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

**BOND VERIFICATION - (FEE WELLS ONLY)**

- N/A/Yes 1. (r649-3-1) 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 operator's bond files.
- \_\_\_\_ 3. The FORMER operator has requested a release of liability from their bond (yes/no) \_\_\_\_, as of today's date \_\_\_\_\_. If yes, division response was made to this request by letter dated \_\_\_\_\_.

**LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY**

- N/A/Yes 1. Copies of documents have been sent on \_\_\_\_\_ to \_\_\_\_\_ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A/Yes 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_ 19 \_\_\_\_, of their responsibility to notify all interest owners of this change.

**FILMING**

- Yes 1. All attachments to this form have been microfilmed. Today's date: 3.2.98.

**FILING**

- \_\_\_\_ 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 are now being filed in the Operator Change file.

**COMMENTS**

980202 BLM/SL Aprv. eff. 1-30-98; includes wells in "Drilling Status" on separate list.

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>See Attached</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: <b>MCELVAIN OIL &amp; GAS PROPERTIES, INC.</b>		8. WELL NAME and NUMBER:
3. ADDRESS OF OPERATOR: <b>1050 17th Street</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80265</b>		9. API NUMBER:
PHONE NUMBER: <b>(303) 893-0933</b>		10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: <b>UTAH</b>		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>5/1/2002</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

McElvain Oil & Gas Properties, Inc. will take over as operator of the attached wells from Rosewood - effective 5/1/2002.

Bond # RLB0004154

Operator # N2100

**RECEIVED**

APR 29 2002

DIVISION OF  
OIL, GAS AND MINING

Name Gary Taraba

Title Vice President Rosewood Resources, Inc

Signature *Gary Taraba*

Date 4/23/02

NAME (PLEASE PRINT) John D. Steuble

TITLE Engineering Manager Mcelvain O & G Properties

SIGNATURE *John D Steuble*

DATE 4/12/02

(This space for State use only)

API #	FED #	POOL #	COUNTY	LEGAL	WELL NAME
43-047-32871	UTU-57455	OIL SPRINGS	UNITAH	1 12S 23E SESW	HANGING ROCK FED I # 1-14 WS
43-047-32855	UTU-57455	OIL SPRINGS	UINTAH	1 12S 23E NWNW	HANGING ROCK I # 1-4 WS
43-047-32679	UTU-57455	OIL SPRINGS	UNITAH	1 12S 23E SESE	HANGING ROCK FED I # 1-16
43-047-33098	UTU-57455	OIL SPRINGS	UNITAH	10 12S 23E NESW	HANGING ROCK I # 10-13 WS
43-047-32935	UTU-57455	OIL SPRINGS	UNITAH	11 12S 23E SENE	HANGING ROCK I # 11-8 (WSMVD)
43-047-32936	UTU-57455	OIL SPRINGS	UNITAH	12 12S 23E NWNE	HANGING ROCK I # 12-2
43-047-33096	UTU-57455	OIL SPRINGS	UNITAH	12 12S 23E NWSW	HANGING ROCK I # 12-12 WS
43-047-33101	UTU-57455	OIL SPRINGS	UNITAH	12 12S 23E NESE	HANGING ROCK I # 12-9 WS
43-047-32748	UTU-57455	OIL SPRINGS	UNITAH	12 12S 23E NWNW	HANGING ROCK I # 12-4
43-047-33099	UTU-57455	OIL SPRINGS	UNITAH	15 12S 23 E SWNE	HANGING ROCK I # 15-7
43-047-33100	UTU-66426	OIL SPRINGS	UNITAH	7 12S 24E NWSE	HANGING ROCK F # 7-10
43-047-32937	UTU-66426	OIL SPRINGS	UNITAH	7 12S 24E SENE	HANGING ROCK F # 7-8
43-047-32751	UTU-66426	OIL SPRINGS	UNITAH	7 12S 24E SENW	HANGING ROCK F # 7-6
43-047-32872	UTU-70239	OIL SPRINGS	UNITAH	8 12S 24E NWNW	TUCKER FEDERAL F # 8-4
43-047-32993	UTU-70239	OIL SPRINGS	UNITAH	8 12S 24E NWNE	TUCKER FEDERAL F # 8-2
43-047-33132	UTU-73019	BUCK CANYON	UNITAH	5 12S 22E SENW	ROSEWOOD # 5-6
43-047-32604	UTU-66761	ASPHALT WASH	UNITAH	23 11S 24E SESE	THIMBLE ROCK FED # 23-15
43-047-32757	UTU-08424-A	OIL SPRINGS	UNITAH	6 12S 24E SWSE	TOBY FEDERAL F # 6-15
43-047-32840	UTU-65355	BUCK CANYON	UNITAH	19 11S 22E NESE	ROSEWOOD FED # 28-8
43-047-32603	UTU-66408	ROCK HOUSE	UNITAH	24 11S 23E SWSW	HANGING ROCK # 24-13
43-047-32750	UTU-75206	OIL SPRINGS	UNITAH	17 12S 24E NWNW	CENTER FORK FED # 17-4
43-047-33186	UTU-66409	ROCK HOUSE	UNITAH	22 11S 23E SESE	ROSEWOOD FED H # 22-16



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

June 18, 2002

McElvain Oil & Gas Properties, Inc.  
Attn: Mona Binion  
1050 17<sup>th</sup> Street, Suite 1800  
Denver, Colorado 80265

Re: Thimble Rock Unit  
Uintah County, Utah

Gentlemen:

We received an indenture dated May 1, 2002, whereby Rosewood Resources, Inc. resigned as Unit Operator and McElvain Oil & Gas Properties, Inc. was designated as Successor Unit Operator for the Thimble Rock Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective June 18, 2002. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Thimble Rock Unit Agreement.

Your statewide (Utah) oil and gas bond No. 1268 will be used to cover all operations within the Thimble Rock Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
Division of Oil, Gas & Mining  
Minerals Adjudication Group U-942  
File - Thimble Rock Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:6/18/02

## Results of query for MMS Account Number UTU73519A

Production	API Number	Operator	Well Name	Well Status	Lease or CA Number	Inspection Item	Township	Range	Section	Quarter/Quarte
Production	4304732604	ROSEWOOD RESOURCES INC	THIMBLE ROCK 23-15	PGW	UTU66761	UTU73519A	11S	24E	23	SESE

*DISCLAIMER for online data: No warranty is made by the BLM for use of the data for purposes not intended by the BLM.*



or operator change for all wells listed on Federal or Indian leases on: 06/18/2002

---

**7. Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 06/18/2002

---

**8. Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

---

**9. Underground Injection Control ("UIC")**

The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 07/03/2002

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/03/2002

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: N/A

---

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 1268

---

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: N/A

---

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A

2. The **FORMER** operator has requested a release of liability from their bond on: N/A

The Division sent response by letter on: N/A

---

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

---

**COMMENTS:**

---

---

---

---

---

---

---

---

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**McElvain Oil & Gas Properties, Inc.**

3a. Address  
**1050 - 17th Street, Ste. 1800 Denver, CO. 80265**

3b. Phone No. (include area code)  
**303.893.0933**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1193' FSL & 1305' FEL (SESE) Sec. 23, T11S-R24E**

5. Lease Serial No.  
**UTU-66761**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
**Thimble Rock WS MV A UTU 73519A**

8. Well Name and No.  
**Thimble Rock Federal 23-15**

9. API Well No.  
**43-047-32604**

10. Field and Pool, or Exploratory Area  
**Asphalt Wash**

11. County or Parish, State  
**Uintah County, Utah**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="radio"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input checked="" type="checkbox"/> Water Shut-Off
<input type="radio"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="radio"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Squeeze 2 Sets of Wet Upper Perfs &amp; Continue Prod. From Lower Perfs</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The well currently produces from 3 sets of mesaverde perforations from 4518-24, 4528-34 and 4626-40. The well produces through a packer and up tubing. The packer, which is set at 4500', has hindered McElvain's attempts to optimize production. Above the packer exists 2 sets of perforations from 4487-89 and 4070-74, both of which tested "wet" upon their initial completion in 1995 and 1996, respectively. McElvain Oil & Gas intends to pull the production packer, set a composite plug over the existing producing perfs from 4518-4640 (gross), and selectively squeeze off the wet, uphole perfs, first from 4487-89 and then from 4070-74. An estimated 50 sacks of 'G' neat cement (15.4 ppg, 1.15 ft<sup>3</sup>/sk yield) will be pumped for each squeeze at a maximum surface squeeze pressure of 1,000 psi. Beginning with the upper squeeze, each squeeze will then be drilled out and pressure tested to 500 psi. After verifying the pressure integrity of each set of squeezed perforations, the composite plug will be drilled out and the well returned to production from a packerless tubing configuration landed @ 4625'. McElvain Oil & Gas would like to start the described operation in the 3rd week of August, 2005 (it is anticipated that a suitable service rig will be available at this time). The proposed operation is estimated to take 8 days. There will be no additional surface disturbance due to the proposed operations.

Please refer to the attached wellbore diagram of the existing wellbore, tubing & packer set-up.

**RECEIVED**

**AUG 11 2005**

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

Name (Printed/Typed) **E. Reed Fischer**

Signature 

DATE SENT TO OPERATOR  
 Date: **8-15-05**  
 Initials: **CRD**

Title **Operations Engineer**

Date **August 8, 2005**

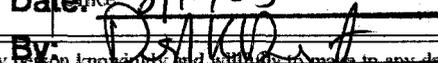
DIV. OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by \_\_\_\_\_ Title **Utah Division of Oil, Gas and Mining** Date \_\_\_\_\_

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Date **8/12/05**

BY: 

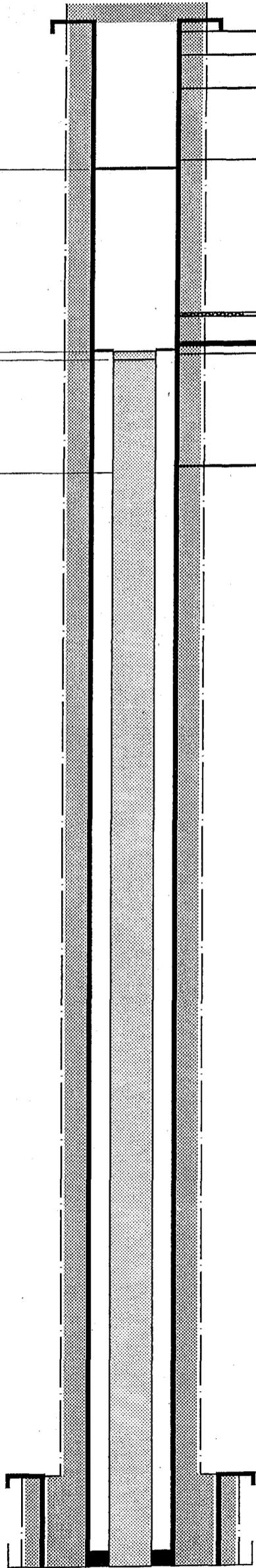
Federal Approval Of This Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and with intent to defraud to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Diagram: 0' to 5796'  
 VERT Scale: 1"=469'

PRODUCTION CASING IN 7 7/8" hole  
 4 1/2" 11.6# J-55 @ 5730'  
 Cement: 500 sx Class G +16% gel  
 +3% salt +10 #/sk G150nlite  
 Tail: 642 sx Class G +10% Thixad  
 CIRCULATED TO SURFACE

P8TD: 5727'  
 TD: 5796'



Perf#1-KCL BD-30 MCF Perfs 5688-5690  
 Perf#1-KCL BD-Tight Perfs 5600-5602  
 Perf#1-KCL BD-Tight Perfs 5476-5478  
 Perf#1-KCL BD-Tight Perfs 5211-5213  
 2spf-Tight & Wet Perfs 4487-4489  
 7-95 & 12-96 3 spt Perfs 4518-4524  
 7-95 & 12-96 3 spt Perfs 4528-4534  
 7-95 & 12-96 3 spt Perfs 4626-4640  
 2spf-Tight & Wet Perfs 4070-4074

CIBP @ 5180 set 7-26-95  
 SN @ 4469'  
 Mtn States SL PKR @ 4500'  
 Run Upside Down-Compr set  
 2 3/8" 4.7# J-55 @ 4500'  
 143 Jfs. SN. 1 Jf. PKR

SURFACE CASING IN 12 1/4" hole  
 9 5/8" 40# K-55 @ 337'  
 Cement: 180 sx Class G +2% CACI  
 +1/4 #/sk Flakes  
 CIRCULATED TO SURFACE

THIMBLE ROCK #23-15  
 SE/SE Sec. 23 T11S R24E  
 Uintah County Utah  
 API # 43-047-32604  
 Wellbore asof Dec 1996

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
**UTU-66761**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
**Thimble Rock WS MV A UTU 73519A**

8. Well Name and No.  
**Thimble Rock Federal # 23-15**

9. API Well No.  
**43-047-32604**

10. Field and Pool, or Exploratory Area  
**Asphalt Wash**

11. County or Parish, State  
**Uintah County, Utah**

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**McElvain Oil & Gas Properties, Inc.**

3a. Address  
**1050 17th St., Suite 1800 Denver, Colorado 80265**

3b. Phone No. (include area code)  
**303.893.0933**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1193' FSL & 1305' FEL (SESE) Sec. 13, T11S-R24E**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Squeeze</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>Nonproducing perfs</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<b>above packer</b>

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

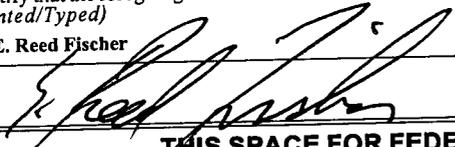
A packer located @ 4500' was pulled . 4 sacks of cement were dump bailed in 2 runs on the existing CIBP @ 5180 (new PBSD=5140').

Two sets of perforations were squeezed off. The squeezed perforations had never produced and were located above the packer which was used to seal off the productive lower perforations from the upper, non-productive perforations. Squeeze details are as follows:  
 Mesaverde Perfs from 4487 to 4489' were squeezed once through a retainer using 50 sacks of Halliburton Class 'G' cement (15.8 ppg & 1.15 Yield). Wasatch Perfs from 4070 to 4074' were squeezed twice through a packer. The first squeeze used 100 sacks of Halliburton Class 'G' cement ( 15.8 ppg & 1.15 Yield), and the second squeeze used 26 sacks of Halliburton's "Micro Matrix" cement (12.4 ppg & 1.63 Yield). These squeeze perfs were then tested to 2000 psi.

Following the squeeze work, the originally producing perfs were acidized and/or reperfed as follows:  
 Mesa verde perfs from 4626 to 4640 were acidized w/500 gals of 15% HCL acid.  
 Mesa verde perfs from 4518 to 4534' (gross) were reperfed @ 2 spf from 4520-24 and from 4528-32 before the gross interval from 4518-34 was acidized with 500 gals of 15% HCL acid.

The well was then returned to production from the Mesa verde formation producing from 4626-40 and from 4518-34 (gross). There is no packer in the hole, the end of tubing is located at 4519', and the well is producing via plunger lift.

14. I hereby certify that the foregoing is true and correct  
 Name (Printed/Typed)  
**E. Reed Fischer**

Signature 

Title **Senior Operations Engineer**

Date **04/13/2007**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office \_\_\_\_\_

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

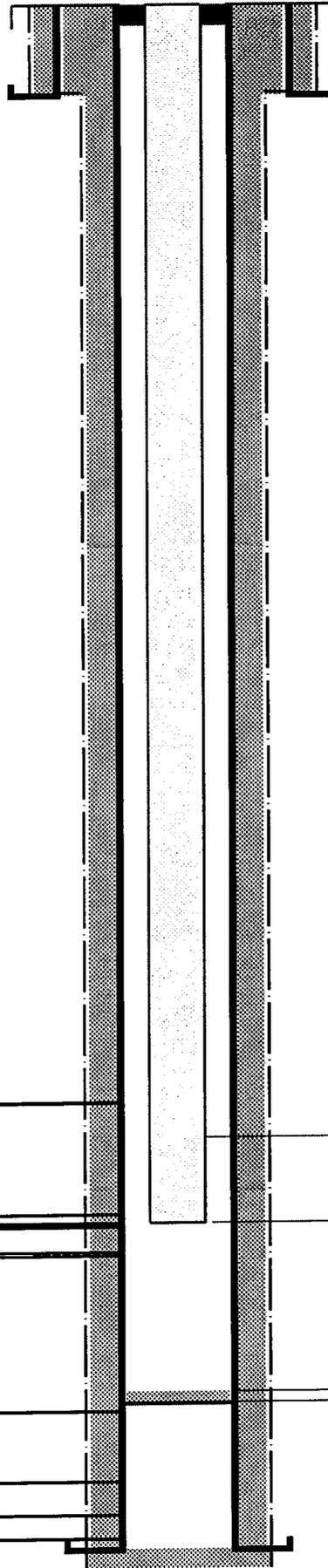
**RECEIVED**

**APR 16 2007**

**DIV. OF OIL, GAS & MINING**

THIMBLE ROCK #23-15  
 SE/SE Sec. 23 T11S R24E  
 Uintah County Utah  
 API # 43-047-32604  
 Wellbore asof Sept '05

SURFACE CASING in 12 1/4" hole  
 9 5/8" 40# K-55 @ 337'  
 Cement: 180 sx Class G +2% CaCl  
 +1/4 #/sk Flakes  
 CIRCULATED TO SURFACE



(SQZD) Tight & Wet - SQZD Perfs 4070-4074

(SQZD) Tight & Wet - SQZD Perfs 4487-4489  
 7-95 & 12-96 3 spf Perfs 4518-4524  
 7-95 & 12-96 3 spf Perfs 4528-4534  
 7-95 & 12-96 3 spf Perfs 4626-4640

Perf#1-KCL BD-Tight Perfs 5211-5213

Perf#1-KCL BD-Tight Perfs 5476-5478

Perf#1-KCL BD-Tight Perfs 5600-5602

Perf#1-KCL BD-30 MCF Perfs 5688-5690

2 3/8" 4.7# J-55 @ 4518'  
 1-10' Tbg Sub. 144 jts Tbg. SN  
 Top SN @ 4518' ..EOT @ 4519'

SN on Btm of Tbg @ 4518

CIBP @ 5180 set 7-26-95

PBD: 5727'

TD: 5796'

Diagram: 0' to 5796'  
 VERT Scale: 1"=619'

PRODUCTION CASING in 7 7/8" hole  
 4 1/2" 11.6# J-55 @ 5730'  
 Cement: 500 sx Class G +16% gel  
 +3% salt +10 #/sk Gilsonite  
 Tail: 642 sx Class G +10% Thixad  
 CIRCULATED TO SURFACE

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

<b>ROUTING</b>
1. DJJ
2. CDW

**X Change of Operator (Well Sold)**  
 Operator Name Change

Designation of Agent/Operator  
 Merger

The operator of the well(s) listed below has changed, effective: **5/1/2007**

<b>FROM:</b> (Old Operator): N2100-McElvain Oil & Gas Properties, Inc. 1050 17th St, Suite 1800 Denver, CO 80202 Phone: 1-(303) 893-0933	<b>TO:</b> ( New Operator): N2750-Enduring Resources, LLC 475 17th Street, Suite 1500 Denver, CO 80202 Phone: 1-(303) 350-5102
--	--

**CA No.** **Unit:** **THIMBLE ROCK**

<b>WELL(S)</b>								
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
THIMBLE ROCK FEDERAL 23-15	23	110S	240E	4304732604	11759	Federal	GW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/21/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/21/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 10/12/2006
- Is the new operator registered in the State of Utah: YES Business Number: 5771233-0161
- (R649-9-2)Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA n/a

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 5/31/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/31/2007
- Bond information entered in RBDMS on: n/a
- Fee/State wells attached to bond in RBDMS on: n/a
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: 5/21/2007

**FEDERAL WELL(S) BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB000173

**COMMENTS:**

---



---



---



---



---

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>UTU-66761</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>N/A</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: <b>Thimble Rock</b>
2. NAME OF OPERATOR: <b>Enduring Resources, LLC</b> <i>N2750</i>		8. WELL NAME and NUMBER: <b>Thimble Rock Federal 23-15</b>
3. ADDRESS OF OPERATOR: <b>475 17th Street, Suite 1500</b> CITY: <b>Denver</b> STATE: <b>CO</b> ZIP: <b>80202</b>	PHONE NUMBER: <b>(303) 350-5114</b>	9. API NUMBER: <b>4304732604</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1,193' FSL - 1,305' FEL</b>		10. FIELD AND POOL, OR WILDCAT: <b>Asphalt Wash</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SESE 23 11S 24E S</b>		COUNTY: <b>Uintah</b>
		STATE: <b>UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>5/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective May 1, 2007

1. Change of Operator from: **McElvain Oil & Gas Properties, Inc.**
2. Change of Operator to: **Enduring Resources, LLC:**  
**BLM Statewide Oil & Gas Lease Bond no. UTB000173**  
**State of Utah, Division of Oil, Gas & Mining Surety Bond No. RL00008031**

**MCELVAIN OIL & GAS PROPERTIES, INC.** *N2100*

BY: *J. G. Hohenstein*  
**James G. Hohenstein,**  
**Vice President - Land**

DATE: 5-8-2007

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE <i>[Signature]</i>	DATE <u>5/8/2007</u>

(This space for State use only) **APPROVED** 5/31/07  
*Earlene Russell*  
**Earlene Russell, Engineering Technician** (actions on Reverse Side)

**RECEIVED**  
**MAY 10 2007**

DIV. OF OIL, GAS & MINING

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>			5. LEASE DESIGNATION AND SERIAL NUMBER: <b>UTU-66761</b>
			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>N/A</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			7. UNIT or CA AGREEMENT NAME: <b>Thimble Rock</b>
			8. WELL NAME and NUMBER: <b>Thimble Rock Fed'l 11-24-44-23</b>
1. TYPE OF WELL <b>OIL WELL</b> <input type="checkbox"/> <b>GAS WELL</b> <input checked="" type="checkbox"/> <b>OTHER</b> _____	2. NAME OF OPERATOR: <b>Enduring Resources, LLC</b>		9. API NUMBER: <b>4304732604</b>
3. ADDRESS OF OPERATOR: <b>475 17th Street, Suite 1500</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>	PHONE NUMBER: <b>(303) 350-5114</b>		10. FIELD AND POOL, OR WILDCAT: <b>Asphalt Wash</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1,193' FSL - 1,305' FEL</b>			COUNTY: <b>Uintah</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SESE 23 11S 24E S</b>			STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate)  Approximate date work will start:  <input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only)  Date of work completion: <b>9/1/2005</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u><b>Well status up date.</b></u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

4,626 to 4,640' Mesaverde.PRODUCING  
4,528 to 4,534' Mesaverde PRODUCING  
4,518 to 4,524' Mesaverde PRODUCING

The following zones were squeezed on or about 8-25-2005

4,487 to 4,489' Mesaverde Perf Zone #3. KCL BD. Tested tight & wet, very little gas. Produced, for a while, commingled with Perf Zones #2. Shut off for most well's life via packer @ 4,500 before final squeeze-off thru retainer w/50 sacks cement on 8/25/05. Never tested following drill-out of retainer but swabbed dry. SQUEEZED OFF 8/25/05

4,070 to 4,074' Wasatch Perf Zone #4. Selective KCL BD, then Acidized w/7.5%. Tight & Wet. No break when acid on perfs. ISIP=1500#, 15 min SI=620#, then swabbed immediately dry w/no entry. Shut off for most of well's life via packer @ 4,500' before final squeeze-off thru packer w/50 sx followed by casing squeeze using 26 sx Micro-Matrix cement. Following drill out tested to 2,000 psi. SQUEEZED OFF 8/25/05 & 9/1/05.

See prior operator's well record.

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE _____	DATE <u>4/30/2008</u>

(This space for State use only)

**RECEIVED**  
**MAY 01 2008**

**DIV. OF OIL, GAS & MINING**

**McELVAIN OIL & GAS PROPERTIES, INC.**

**Thimble Rock # 23-15  
SESE Sec. 23, T11S-R24E  
Uintah County, Utah  
API # 43-047-32604**

**Hole Configuration Following Packer Removal, Upper Perf Squeeze-Off &  
RePerf & Remedial Acidizing**

**March 5, 2007**

Drill TD: 5,796'

PBTD: 5,140' KB

KB: 15'

**FORMATION TOPS:**

Wasatch: 2,590'  
Mesaverde: 4,402'

**CASING:**

9 5/8", 40#, K55 @ 337' in 12 1/4" hole  
Cemented with 180 sacks 'G'. Full Returns. Circulated to surface

4 1/2", 11.6#, J55 @ 5,730' in 7 7/8" hole.  
Lead cement w/500 sacks @ 11.0 ppg and 3.84 ft<sup>3</sup>/sk.  
Tail cement w/642 sacks @ 14.8 ppg and 1.54 ft<sup>3</sup>/sk. Cement to surface.  
Top of Cement from CBL: Tail Top @ 3,165', Lead Top @ Surface

**TUBING:** (As Landed on 9/15/05)

1-10' tbg sub, 144 jts 2.375", 4.7#, J55, EUE tubing & SN. SN @ 4518. EOT = 4519'

**EXISTING PERFORATIONS, PLUGS & PACKERS:**

5,688 to 5,690'	Mesaverde	Perf Zone #1 Selective KCL BD w/pkr-plug. Test 30 MFGD <b>ABANDONED.</b>
5,600 to 5,602'	Mesaverde	Perf Zone #1 Selective KCL BD w/pkr-plug & tested Tight. <b>ABANDONED.</b>
5,476 to 5,478'	Mesaverde	Perf Zone #1 Selective KCL BD w/pkr-plug & tested Tight. <b>ABANDONED.</b>
5,211 to 5,213'	Mesaverde	Perf Zone #1 Selective KCL BD w/pkr-plug & tested Tight. <b>ABANDONED.</b>
5,180'	CIBP #1	Set July 26, 1995 & Tested to 3500 psi. Capped w/40' cement on August 23, 2005. New PBTD = 5,140'.

4,626 to 4,640'	Mesaverde	Perf Zone #2. KCL BD, then Acidized w/below. Testing 540 MCFGD commingled & 300 MCFGD with heavy mist when isolated. Later Reperfed w/run #4. 500 gals of 15% HCl Remedial Acid on 9/9/05 following squeeze work on upper perms. <b>PRODUCING</b>
4,528 to 4,534'	Mesaverde	Perf Zone #2. KCL BD, then Acidized w/above. Testing 540 MCFGD commingled. Later Reperfed w/run #4. Reperfed a second time from 4,528 to 4,532' on 9/13/05 w/run #5 before pumping 500 gals of 15% Remedial Acid on 9/14/05 w/below zone. <b>PRODUCING</b>
4,518 to 4,524'	Mesaverde	Perf Zone #2. KCL BD, then Acidized w/above. Testing 540 MCFGD commingled. Later Reperfed w/run #4. Reperfed a second time from 4,520 to 4,524' on 9/13/05 w/run #5 before pumping 500 gals of 15% Remedial Acid on 9/14/05 w/above zone. <b>PRODUCING</b>
4,487 to 4,489'	Mesaverde	Perf Zone #3. KCL BD. Tested tight & wet, very little gas. Produced, for a while, commingled with Perf Zones #2. Shut off for most well's life via packer @ 4,500 before final squeeze-off thru retainer w/50 sacks cement on 8/25/05. Never tested following drill-out of retainer but swabbed dry. <b>SQUEEZED OFF 8/25/05</b>
4,070 to 4,074'	Wasatch	Perf Zone #4. Selective KCL BD, then Acidized w/7.5%. Tight & Wet. No break when acid on perms. ISIP=1500#, 15 min SI=620#, then swabbed immediately dry w/no entry. Shut off for most of well's life via packer @ 4,500' before final squeeze-off thru packer w/50 sx followed by casing squeeze using 26 sx Micro-Matrix cement. Following drill out tested to 2,000 psi. <b>SQUEEZED OFF 8/25/05 &amp; 9/1/05.</b>

**Production Summary:** Date of first production occurred in February of 1996 and all production has been from the 3 Mesaverde perms from 4626 to 4640 (14'), 4528 to 4534 (6') and from 4518 to 4524 (6'). Between February 1996 and August 2005 the mesaverde was produced from beneath a packer landed @ 4,500'. A capillary string for use with continuous soap injection was installed at the end of 2003 and, during the moderate temperature months, helped restore the production to historical trends. Soaping appeared to compound the seasonal gas line freeze up problems as the soaped-up water was more easily carried over into the above ground gas sales line. Pipe line freeze ups in the winter of 2003 - 2004 and 2004 - 2005 effectively shut the well in until the pipe line thawed. In August of 2005 the packer was pulled and squeezes were performed on the Wasatch perms from 4,070 - 74' and the upper Mesaverde perms from 4487 - 89' two of the producing zones were then reperfed and all of the currently producing zones were acidized. The well currently produces via plunger lift from open ended tubing landed at 4519.

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

FORM 6

**ENTITY ACTION FORM**

Operator: Enduring Resources, LLC Operator Account Number: N 2750  
 Address: 475 17th Street, Suite 1500  
city Denver  
state CO zip 80202 Phone Number: (303) 350-5114

Well 1

*SESE*

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304732604	Thimble Rock Federal 11-24-44-23		<del>NENE</del>	23	11S	24E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
C	11759	<i>17376</i>	4/10/1995			11/12/2008	
<b>Comments:</b> This well has been moved from the Thimble rock Unit to the Asphalt Unit effective 11-12-2008. <i>WSMVD</i> <span style="float: right;"><i>10/13/09</i></span>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<b>Comments:</b>							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
							Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<b>Comments:</b>							

**ACTION CODES:**

- 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)

Alvin R. (Al) Arlian

Name (Please Print)

*[Signature]*

Signature

Landman-Regulatory

12/12/2009

Title

Date

**RECEIVED**

**OCT 13 2009**

**DIV. OF OIL, GAS & MINING**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-66761
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC		<b>7. UNIT or CA AGREEMENT NAME:</b> ASPHALT
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street, Suite 1500 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> THIMBLE ROCK FEDERAL 11-24-44-23
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1193 FSL 1305 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 23 Township: 11.0S Range: 24.0E Meridian: S		<b>9. API NUMBER:</b> 43047326040000
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street, Suite 1500 , Denver, CO, 80202		<b>9. FIELD and POOL or WILDCAT:</b> ASPHALT WASH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1193 FSL 1305 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 23 Township: 11.0S Range: 24.0E Meridian: S		<b>COUNTY:</b> UINTAH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1193 FSL 1305 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 23 Township: 11.0S Range: 24.0E Meridian: S		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/2/2011	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input style="width: 100px;" type="text" value="Well Status Report"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Only conductor hole has been drilled and conductor set. Pursuant to an Action Plan submitted to and approved by the DOG&M in May-2009, this well and others shall continue to be shut-in until all the wells on the Action Plan are plugged. Six or Seven Wells are to be plugged each year.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Alvin Arian	<b>PHONE NUMBER</b> 303 350-5114	<b>TITLE</b> Landman-Regulatory
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/2/2011	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-66761
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> ASPHALT
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> THIMBLE ROCK FEDERAL 11-24-44-23
<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC	<b>9. API NUMBER:</b> 43047326040000
<b>3. ADDRESS OF OPERATOR:</b> 511-16th Street, Suite 700 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 350-5114 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1193 FSL 1305 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 23 Township: 11.0S Range: 24.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> ASPHALT WASH  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>7/5/2016</b>  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> <b>PLUG AND ABANDON</b> <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

P&A procedure attached.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining**

Date: \_\_\_\_\_

By: *Derek Dunt*  
 June 13, 2016

**Please Review Attached Conditions of Approval**

<b>NAME (PLEASE PRINT)</b> Travis Whitham	<b>PHONE NUMBER</b> 303 350-5716	<b>TITLE</b> Landman
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/8/2016	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43047326040000**

**A 100' cement plug should be balanced across the top of the Wasatch formation from approximately 2650' to 2550'.**



## Recommended Procedure

## Plug and Abandonment

<b>Operator:</b>	Enduring Resources, LLC		
<b>Well name:</b>	Thimble Rock Federal #11-24-44-23 (FKA #23-15)		
<b>Legal:</b>	SESE, Section 23, Township 11 South, Range 24 East		
<b>Location:</b>	Uintah County, Utah		
<b>GPS:</b>	39.8434, -109.19364		
<b>API:</b>	43-047-32604		
<b>Surface:</b>	9-5/8" 40# at 337'	<b>Hole size:</b> 12-1/4"	<b>TOC:</b> Surface
<b>Production:</b>	4-1/2" 11.6# at 5,730'	<b>Hole size:</b> 7-7/8"	<b>TOC:</b> Surface
<b>Tubing:</b>	2-3/8" 4.7# at 4,519'		
<b>Perforations:</b>	4,070' – 4,074'; 4,487' – 4,489' (Mesa, Squeezed); 4,518' – 4,533'; 4,628' – 4,637' (Mesa) 5,211' – 5,213'; 5,476' – 5,478'; 5,600' – 5,690' (Mesaverde, Isolated by PBTD)		
<b>PBTD:</b>	5,180' (Existing CIBP)		
<b>TD:</b>	5,796'		

**\*Procedure based off of completion reports and well history, this is NOT a final procedure\***

1. Conduct pre-job safety meeting and complete daily JSA
2. Prior to MIRU, check rig anchors and blow down well/kill if necessary
3. Dig out around wellhead and check surface annulus for pressure  
(If present call Tommy Joyce #817-933-9759 and Craig Owen #970-646-3933 for orders)
4. MIRU P&A equipment, NDWH, NUBOP, Load and circulate wellbore clean
5. TOH and tally 4,020' of tubing to derrick, LD remaining tubing and BHA
6. PU 4-1/2" 11.6# casing scraper/bumper sub, TIH to 4,020', TOH, LD BHA
7. PU 4-1/2" 11.6#, 10K, CIBP, TIH and set at 4,020' (50' above topmost Mesaverde perms)
8. Pump 10 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement on top of CIBP  
(10 sxs is 131' in 4-1/2", TOC: 3,889')
9. TOH and LD to 3,750', Reverse circulate tubing clean, Pressure test casing to 500 psi for 5 minutes  
(If test fails call Tommy Joyce and Craig Owen for orders)

Note: If casing pressure test fails (step 9) additional steps/services required by the Utah DOGM/BLM are not included in this bid and will be billed per our 2016 Time and Material Price Schedule.

10. Circulate 59 bbl. of water treated with corrosion inhibitor
11. TOH and LD to 437' (100' below surface casing shoe), Establish circulation to surface
12. Circulate 34 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement to surface
13. TOH and LD tubing, Dig out and cut off wellhead 6' below restored ground level
14. Verify cement at surface in both production casing and annulus and top off if necessary
15. RDMO, Weld on info plate, backfill, clean location, P&A complete

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-66761
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>7. UNIT or CA AGREEMENT NAME:</b> ASPHALT
<b>1. TYPE OF WELL</b> Gas Well		<b>8. WELL NAME and NUMBER:</b> THIMBLE ROCK FEDERAL 11-24-44-23
<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC		<b>9. API NUMBER:</b> 43047326040000
<b>3. ADDRESS OF OPERATOR:</b> 511-16th Street, Suite 700 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 350-5114 Ext	<b>9. FIELD and POOL or WILDCAT:</b> ASPHALT WASH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1193 FSL 1305 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 23 Township: 11.0S Range: 24.0E Meridian: S		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/11/2016  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
Plugging report attached. Well waiting on reclamation and re-seeding this fall.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 14, 2016</b>		
<b>NAME (PLEASE PRINT)</b> Travis Whitham	<b>PHONE NUMBER</b> 303 350-5716	<b>TITLE</b> Landman
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/13/2016	

Enduring Resources

Chronological Plugging Report

Thimble Rock Fed 11-24-44-23

7/7/16

Test rig anchors. Blow well down to tank. Hold tailgate safety meeting on snakes. MIRU Magna Well Service. Pump 40 BFW down csg. ND WH. NU BOPE. TOOHSB w/144 jts tbg. LD 2 jts tbg, WH, SN and NC. Scraper and bit did not arrive. Secure well for night.

7/8/16

PU 4.5" bit and scraper and tally in hole w/142 jts tbg to 4434'. LD 14 jts tbg. TOOHS, LD bit and scraper. PU 4.5" CIBP and TIH on 128 jts tbg to 4005' KB. Attempt to set CIBP, could not, LD 1 jt tbg and set CIBP @3974'. Test tbg to 1000 psi, good. Sting out of CIBP. Circulate hole clean w/75 BFW. Test csg to 500 psi for 5 min., good. SWIFN. Cement plugs tomorrow AM.

7/9/16

Tailgate safety meeting. TIH w/bit and scraper to 4432'. LD 14 jts tbg. TOOHS LD bit and scraper. PU 4.5" CIBP. TIH and set on 127 jts @3970'. Pressure test tbg to 1000 psi. Sting out of CIBP. Circ well clean w/fresh water. Pressure test csg to 500 psi. Hold for 5 min, good. SWIFN. Wait for cementer.

7/10/16

Hold tailgate safety meeting. Spot in cement equipment. Cliff Johnson w/BLM on location to witness., Spot 10 sks cement on CIBP as follows, 1 bbl, fresh, 10 sks cement, 1 bbl fresh. Displace w/12.5 bbls fresh. Cement from 3970' to 3840'. LD 9 jts tbg. Reverse circ tbg clean. Circ hole w/fresh water w/corrosion inhibitor. LD 33 jts. EOT @2650'. Pump balanced plug from 2650 to 2520' as per DOGM COA. 1 bbl fresh, 10 sks cement, 1 bbl fresh and displace w/7.5 bbls treated water. LD 71 jts tbg to 443'. Circulate cement to surface in 4.5" csg w/37 sks cement.. LD remainder of tbg. Too windy to rig down. Rack out and move some equip to Archy Bench 11-24-12-32. Will RD, Dig out and cut-off tomorrow AM.

7/11/16

Dig out off 9 5/8 and 4 1/2 csg four feet below ground level. Weld on information plate. Back fill hole. RD Magna and move rig and equip to Archy Bench 11-24-12-32. Last report until reclamation.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-66761
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well		<b>7. UNIT or CA AGREEMENT NAME:</b> ASPHALT
<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC		<b>8. WELL NAME and NUMBER:</b> THIMBLE ROCK FEDERAL 11-24-44-23
<b>3. ADDRESS OF OPERATOR:</b> 511-16th Street, Suite 700 , Denver, CO, 80202		<b>9. API NUMBER:</b> 43047326040000
<b>PHONE NUMBER:</b> 303 350-5114 Ext		<b>9. FIELD and POOL or WILDCAT:</b> ASPHALT WASH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1193 FSL 1305 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 23 Township: 11.0S Range: 24.0E Meridian: S		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/26/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input checked="" type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Reclamation and Re-seeding report. Re-contoured location to blend with natural contours. Reseed with the following seed mix: 13.16# Crested Wheatgrass 13.41# Siberian Wheatgrass 19.22# Russian Wildrye 7.00# Indian Ricegrass 13.74# Western Wheatgrass 14.02# Wyoming Big Sagebrush 1.05# Shadscale Saltbush 24.77# Fourwing Saltbush All seed is PLS from Granite Seed Co., Lehi, UT. Final report, P and A complete.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
November 21, 2016**

<b>NAME (PLEASE PRINT)</b> Travis Whitham	<b>PHONE NUMBER</b> 303 350-5716	<b>TITLE</b> Landman
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/27/2016	