

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL       DEEPEN       PLUG BACK   
 b. TYPE OF WELL  
 OIL WELL       GAS WELL       OTHER       SINGLE ZONE       MULTIPLE ZONE

2. NAME OF OPERATOR  
Freedom Energy, Inc.  
 3. ADDRESS OF OPERATOR  
1050 - 17th St., Suite #710, Denver, Co 80265      303-592-3022

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface <sup>1198'</sup>  
 1231' FWL, 1980' FNL, NW1/4, NW1/4, Sec. 1, T12S, R23E  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
 18.4 MILES SOUTH OF BONANZA, UT

10. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 1198'

16. NO. OF ACRES IN LEASE  
 10,092.71

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 5280'

19. PROPOSED DEPTH  
 5000'

20. ROTARY OR CABLE TOOLS  
 ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5818'

22. APPROX. DATE WORK WILL START\*  
 March 15, 1997

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	9 5/8	36	300	TO SURFACE
7 7/8	4 1/2	11.6	T.D.	CMT TOP TO COVER THE OIL SHALE

OPERATOR REQUESTS PERMISSION TO DRILL THE SUBJECT WELL  
 PLEASE SEE THE ATTACHED 10 POINT AND THE 13 POINT SURFACE  
 USE PLAN.

IF YOU REQUIRE ADDITIONAL INFORMATION PLEASE CONTACT:

WILLIAM A. RYAN  
 350 S., 800 E.  
 VERNAL, UTAH  
 801-789-0968  
 801-823-6157

CONFIDENTIAL

RECEIVED  
 MAR 28 1997  
 DIV. OF OIL, GAS & MIN.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If 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 William A. Ryan TITLE PETROLEUM ENGINEER DATE Feb. 21, 1997

(This space for Federal or State office use)

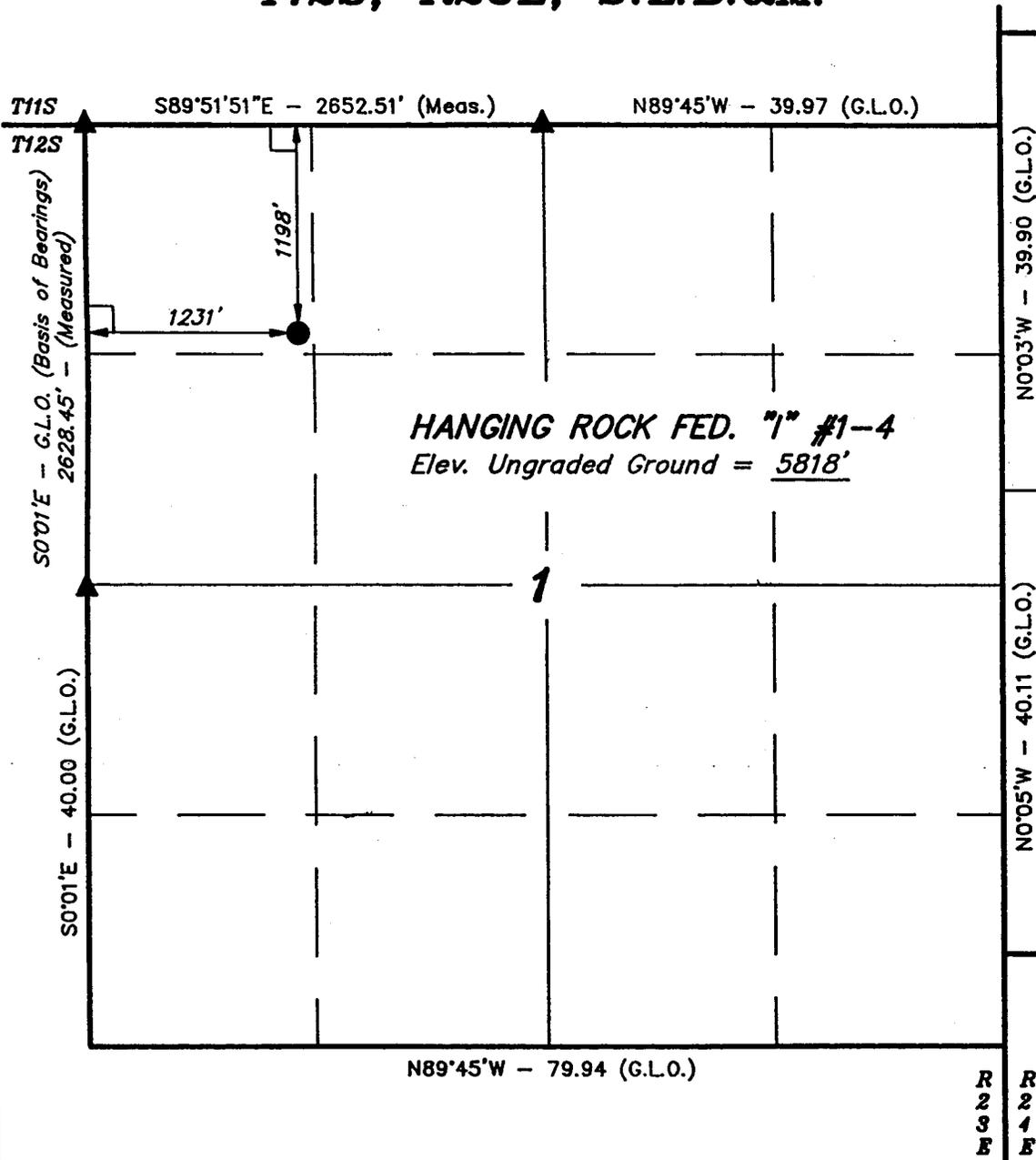
PERMIT NO. 43-047-32455 APPROVAL DATE \_\_\_\_\_

APPROVED BY John R. Boye TITLE Petroleum Engineer DATE 5/6/97

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

# T12S, R23E, S.L.B.&M.



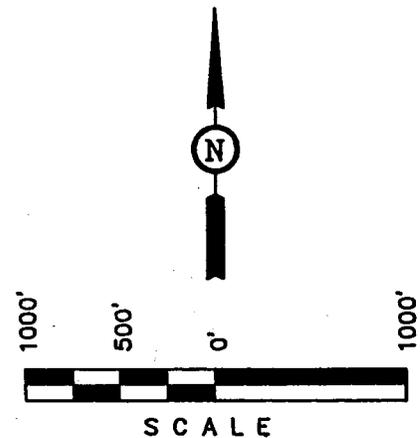
▲ = SECTION CORNERS LOCATED. (Brass Caps)

## FREEDOM ENERGY, INC.

Well location, HANGING ROCK FED. "1" #1-4, located as shown in the NW 1/4 NW 1/4 of Section 1, T12S, R23E, S.L.B.&M. Uintah County, Utah.

### BASIS OF ELEVATION

BENCH MARK 87EAM, 1965 LOCATED IN THE SW 1/4 SECTION 1, T12S, R23E, S.L.B.&M. TAKEN FROM THE ARCHEY BENCH SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5887 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.

*Robert L. Key*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

REVISED: 3-14-95 C.B.T.  
 REVISED: 6-2-91 R.E.H.

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (801) 789-1017	
SCALE 1" = 1000'	DATE 5-21-91
PARTY G.S. D.S. T.D.H.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE FREEDOM ENERGY, INC.

## **SELF-CERTIFICATION STATEMENT**

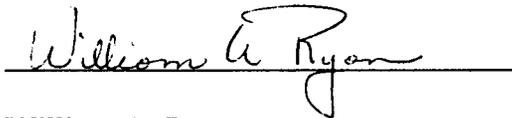
**The following self-certification statement is provided per Federal requirements dated June 15, 1988.**

**Please be advised that Freedom Energy, Inc., is considered to be the operator of the following well.**

**Hanging Rock Federal I 1-4  
NW 1/4, NW 1/4, Section 1, T 12 S, R 23 E  
Lease U-57455  
Uintah County, Utah**

**Freedom Energy, Inc., is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.**

**Bond coverage is provided by Certificate of Deposit, BLM Bond #UT-1030.**

A handwritten signature in cursive script that reads "William A. Ryan". The signature is written in black ink and is positioned above a solid horizontal line.

**William A. Ryan  
Agent  
Rocky Mountain Consulting  
350 S. 800 E.  
Vernal UT 84078  
801-789-0968 Office  
801-823-6152 Cell  
801-789-0970 Fax**

## Ten Point Plan

Freedom Energy, Inc.  
Hanging Rock Unit  
Hanging Rock Federal  
I 1-4

Surface Location NW 1/4, NW 1/4, Section 1, T. 12 S., R. 23 E.

### 1. Surface Formation:

Green River

### 2. Estimated Formation Tops and Datum:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Green River	Surface	5,915' G.L.
Oil Shale	700	5,215
Wasatch	2,600	3,315
Mesaverde formation	4,500	1,415
T.D.	5,000	915

### 3. Producing Formation Depth:

Formation objective include the Wasatch and its submembers.

Off Set Well Information:

Off set well: Gas Well Hanging Rock Fed. 12-4 Sec. 12, T. 12 S., R. 23.E.

### 4. Proposed Casing :

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/Ft.</u>	<u>Grade &amp; Tread</u>	<u>Setting Depth</u>	<u>Casing New/Used</u>
12 1/2	9 5/8	36	J-55/STC	300	New
7 7/8	4 1/2	11.6	J-55/LTC	T.D.	Used/inspected

Cement Program:

<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amount</u>	<u>Cement Yield</u>	<u>Cement Weight</u>
9 5/8	Class "G" 2% Calcium 1/4 #/sk cello flake	200 sks.	1.18 cu. ft./sk.	15.6 lbs./gal.

<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amount</u>	<u>Cement Yield</u>	<u>Cement Weight</u>
4 1/2	Lead Class "G" 3 % salt 16% gell 10# Gilsonite/sk	200 sks	3.90 cu. ft./sk.	11.0 lbs./gal.
	Tail Class "G" 10% salt 10% gypsum 2% WR15 .4 lbs/sk FL 25	500 sks +/-	1.53 cu. ft./sk.	14.8 lbs./gal.

#### 5. BOP and Pressure Containment Data:

The anticipated bottom hole pressure will be less than 2000 psi.

A 3000 psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from the 9 5/8" surface casing. The BOP system including the casing will be pressure tested to the minimum standards set forth in "On Shore Order #2". The BOP will be mechanically checked daily during the drilling operation.

#### 6. Mud Program:

<u>Interval</u>	<u>Mud weight lbs/gal.</u>	<u>Viscosity Sec./Qt.</u>	<u>Fluid Loss MI/30 Mins.</u>	<u>Mud Type</u>
0-300	Air/Clear Water	----	No Control	Water/Gel
300-2000	Clear Water	----	No Control	Water/Gel
2000-T.D.	8.4-8.6	30	No Control	Water/Gel

#### 7. Auxiliary Equipment:

Upper Kelly cock, full opening stabbing valve, 2 1/2" choke manifold and pit level indicator.

#### 8. Testing, Coring, Sampling and Logging:

- a) Test: None are anticipated.
- b) Coring: There is the possibility of sidewall coring.
- c) Sampling: Every 10' from 2000' to T.D.

d) Logging:	Type	Interval
	DLL/SFL W/GR and SP	T.D. to Surf. Csg
	FDC/CNL W/GR and CAL	T.D. to Surf. Csg

**9. Abnormalities (including sour gas):**

No abnormal pressures, temperatures or other hazards are anticipated. Oil and gas shows are anticipated in the Wasatch Formation. Other wells drilled in the area have not encountered over pressured zones or H<sub>2</sub>S.

**10. Drilling Schedule:**

The anticipated starting date is March 15, 1997. Duration of operations expected to be 30 days.



**FREEDOM ENERGY, INC.**  
**13 POINT SURFACE USE PLAN**  
**FOR WELL**  
**HANGING ROCK FEDERAL I**  
**1-4**  
**LOCATED IN**  
**NW 1/4, NW 1/4**  
**SECTION 1, T 11 S, R 23 E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**  
**LEASE NUMBER: U-57455**  
**SURFACE OWNERSHIP: FEDERAL**

## 1. Existing Roads

To reach the Freedom Energy Inc., Hanging Rock Federal H 31-15 well location, in Section 35, T 11 S, R 23 E, from Bonanza, Utah:

Starting in Bonanza, Utah proceed south on the paved road for 4 miles. Turn south (left) on the Book cliffs road (dirt road). Proceed south 3.9 miles to the Greeks Corrals. Turn west (right) at the fork in the road. Proceed 8.3 miles to the Asphalt Wash sign. Stay to the south (left) of the sign. Proceed .7 miles to the Rainbow sign. Stay to the west (right) of the sign. This is also called the Kings Wells road. Proceed 7.8 miles to the "Y" in the road. Stay right. Proceed .5 miles and turn right (north). Proceed .1 miles to the proposed location.

All roads to the proposed access road are State or County maintained roads.

Please see the attached map for additional details.

## 2. Planned access road

The location will be built using the existing road. There will be no new road construction.

Please see the attached location plat for additional details.

No right of way will be required. Access from the Uintah County road will be on lease.

All travel will be confined to existing access road right of ways.

Access road and surface disturbing activities will conform to standards outlined in the USGS publication (1978) surface operating standards for oil and gas development.

## 3. Location of existing wells

The following wells are located within one mile radius of the location site.

### A) Producing wells

Gas well      Hanging Rock Federal 12-4    Sec12, T12S, R23E

### B) Water wells

None

C) Abandoned wells	None
D) Temporarily abandoned wells	None
E) Disposal wells	None
F) Drilling wells	None
G) Shut in wells	None
H) Injection wells	None
I) Monitoring or observation wells	None

Please see the attached map for additional details.

#### **4. Location of tank batteries, production facilities, and production gathering service lines.**

All production facilities are to be contained within the proposed location site. Please see the attached plat plan for a typical gas well separator installation and well site piping.

All permanent (on site for more than six months or longer) structures constructed or installed will be painted a desert brown color. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded. The required paint color is Desert Brown (10 YR 6/4).

All tanks will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank in the battery. The integrity of the dike will be maintained.

The operator will adhere to all site security guidelines and regulations identified in 43 cfr 3126.7.

All off lease storage, off lease measurement, comingling on lease or off lease, of production, will have prior written approval from the authorized officer.

#### **A. Pipe Line**

An 8" gas line will be on the west edge off the locstion. A 2" or 4" line will be constructed to th e8" line. No surface disturbance will be required off the pad.

The gas meter run will be located within 500' of the well head. The gas line will be buried or anchored down from the well head to the meter. Meter runs will be housed and/or fenced.

The gas meter will be calibrated and the tank strapped 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 authorized officer 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 report will be submitted to the BLM's Vernal District office. All measurement facilities will conform with API and AGA standards for gas and liquid hydrocarbon measurement.

#### **5. Location and type of water supply**

Water for drilling and cementing the subject well will be hauled by truck from Evacuation Creek permit # 49-1595. The distribution point is in Section 7, T11S, R25E. A second location may be used if it would be United Utilities water station in Section 13, T11S, R23E. Water for completion will come from the same supply or Vernal City.

#### **6. Source of construction materials**

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. Additional road gravels or pit lining material will be obtained from private sources.

#### **7. Methods for handling waste disposal**

##### **A) Pit construction and liners:**

The reserve pit will be approximately 10 ft. deep and most of the depth shall be below the surface of the existing ground. Please see the attached plat for details.

**The reserve pit will not be lined.** Unless the pit is blasted or soil conditions warrant a pit liner.

The reserve pit will not be used to store water for drilling. A semi-closed system will be used to drill the well. All fresh water for drilling will come from a frac tank placed on location and from the rig tank. The pit will be used to hold non-flammable materials such as cuttings, salt, drilling fluids, chemicals, produced fluids, etc.

**B) Produced fluids:**

Produced water will be confined to the reserve pit, or if deemed necessary, a storage tank for a period not to exceed 90 days after initial production. During the 90 day period an application for approval for a permanent disposal method and location will be submitted to the authorized officer.

**C) Garbage:**

A trash cage fabricated from expanded metal will be used to hold trash on location and will be removed to an authorized land fill location.

**D) Sewage:**

A portable chemical toilet will be supplied for human waste.

**E) Site clean-up**

After the rig is moved off the location the well site area will be cleaned and all refuse removed.

**8. Ancillary facilities**

There are no ancillary facilities planned for at this time and none are foreseen for the future.

**9. Well-site layout**

Location dimensions are as follow:

A)	Pad length	325 ft.
B)	Pad width	155 ft.
C)	Pit depth	10 ft.
D)	Pit length	200 ft.
E)	Pit width	40 ft.
F)	Max cut	14.7 ft.
G)	Max fill	3.5 ft.
H)	Total cut yds	6,040 cu. yds.
I)	Pit location	north west side
J)	Top soil location	south west side
K)	Access road location	south side
L)	Flare pit	north west corner

Please see the attached location diagram for additional details.

Please note: The trees on the west side off the location need to stay in place. The trees and rocks will be used as a screen for eagles nests on the cliffs.

A silt catchment will be constructed south and east of the location. The dirt contractor will contact the BLM before construction of the location starts. The BLM will locate the dam site at that time. The dam will be 60-70' wide, 12' high with a spill way on one side.

All pits will be fenced according to the following minimum standards:

- A) Thirty nine inch net wire shall be used with at least one strand of wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- B) The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C) Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- D) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 ft.
- E) All wire shall be stretched by using a stretching device before it is attached to the corner posts.

#### **10. Plans for restoration of the surface**

Prior to construction of the location, the top 6 inches of soil material will be stripped and stockpiled. This will amount to approximately 1,000 cubic yards of material. Placement of the top soil is noted on the attached location plat. When all drilling and completion activities have been completed the unused portion of the location (the area outside the dead men.) will be recontoured and the topsoil spread over the disturbed area.

The dirt contractor will be provided with an approved copy of the surface use plan prior to construction activities.

Any drainage rerouted during the construction activities shall be restored to its original line of flow or as near as possible.

All disturbed areas will be recontoured to the approximate natural contours. Prior to back filling the pit the fences around the reserve pit will be removed.

The reserve pit will be reclaimed within 90 days of well completion. If the reserve pit has not dried sufficiently to allow back filling, an extension on the time requirement for back filling the pit will be requested. Once reclamation activities have begun, they shall be completed within 30 days.

After the reserve pit has been reclaimed, no depressions in the soil covering the reserve pit will be allowed. The objective is to keep seasonal rain fall and run off from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert run off as needed.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas will be scarified and left with a rough surface.

A) Seeding dates:

After September 15, and before the ground freezes.

Seed will be broadcast or drilled at the time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage and the seed mixture will be proportionately larger (double the lbs. per acre).

At such time as the well is plugged and abandoned the operator will submit a surface reclamation plan to the surface management agency for prescribed seed mixture and reseeding requirements.

**11. Surface ownership:**

Access road	Federal and State of Utah
Location	Federal
Pipe line	Federal and State of Utah

The State of Utah School Trust Lands has been contacted and arrangements have been made for access on the State School Trust Lands.

## 12. Other information

### A) Vegetation:

The vegetation coverage is slight. The majority of the existing vegetation consists of sage brush. Rabbit brush, bitter brush and indian rice grass are also found on the location.

### B) Dwellings:

There are no dwellings, or other facilities within a one mile radius of the location.

### C) Archeology:

The location has been surveyed, and the report is in the Vernal office.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the antiquities act of June 8, 1906) are discovered, all operations which would afflict such sites will be suspended and the discovery reported promptly to the surface management agency.

### D) Water:

The nearest water is in the bottom of Asphalt Wash located 3 miles to the north.

### E) Chemicals:

No pesticides, herbicides or other possible hazardous chemicals will be used without prior application.

### F) Notification:

#### a) Location construction

At least forty eight (48) hours prior to construction of location and access roads

#### b) Location completion

Prior to moving on the drilling rig.

#### c) Spud notice

At least twenty-four (24) hours prior to spudding the well.

#### d) Casing string and cementing

At least twenty-four (24) hours prior to running casing and cementing all casing strings.

#### e) BOP and related equipment tests

At least twenty-four (24) hours prior to initialing pressure tests.

f) First production notice

With in five (5) business days after the new well begins, or production resumes after well has been off production for more than ninety 90 days.

H) Flare pit

The flare pit will be located a minimum of 30 feet from the reserve pit fence and 100 feet from the bore hole on the south and east side of the location, between points 5 and 6 on the location plat. All fluids will be removed from the pit within 48 hours of occurrence.

**12. Lessees or Operator's representative and certification**

A) Representative

Name:	William A. Ryan
Address:	Rocky Mountain Consulting 350 South, 800 East Vernal, Utah 84078
Telephone:	
Office	801-789-0968
Fax	801-789-0970
Cellular	801-823-6152

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, onshore oil and gas orders, the applicable laws, regulations, and any applicable notices to lessees. 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.

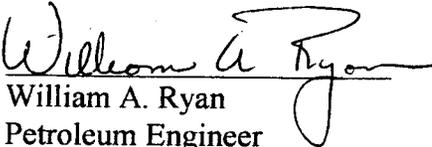
This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

B) 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 presently exist, that the statements made in this plan are, to the best of

my knowledge and belief, true and correct, and that the work associated with the operation proposed herein will be performed by Freedom Energy, Inc. and its contractors and subcontractors in conformity with this plan and terms and conditons with this plan and the terms and conditions under which it is approved.

Date Feb. 2, 1997

  
William A. Ryan  
Petroleum Engineer  
Rocky Mountain Consulting

Onsite Date:	January 28, 1997
Participant on joint inspection:	
William Ryan	Rocky Mountain Consulting
Byron Tolman	BLM
Steve Matsen	BLM
Steve Strong	BLM

### **Statement of use of Hazardous Material**

No chemical(s) from the EPA's Consolidated list of Chemicals subject to Reporting Under Title III of the Superfund Amendments and Reauthorization, Act (SARA) of 1986. will be used, produced, transported, stored, disposed, or associated with the proposed action, No extremely hazardous substances, as defined in 40 cfr 355, will be used, produced, stored, transported, disposed, or associated with the proposed action.

If you require additional information please contact:

William A Ryan  
Agent for Freedom Energy  
Rocky Mountain Consulting  
350 S. 800 E.  
Vernal Utah, 84078

Telephone  
(801) 789-0968 office  
(801) 823-6152 cellular  
(801) 789-0970 fax



Proposed Location:  
**HANGING ROCK "I" #1-4**

Existing Access  
 Road to be used  
 After Drilling

Proposed Re-Route  
 During Drilling  
 0.1 Mi. ±

REVISED: 3-14-95 C.B.T.

**TOPOGRAPHIC  
 MAP "A"**

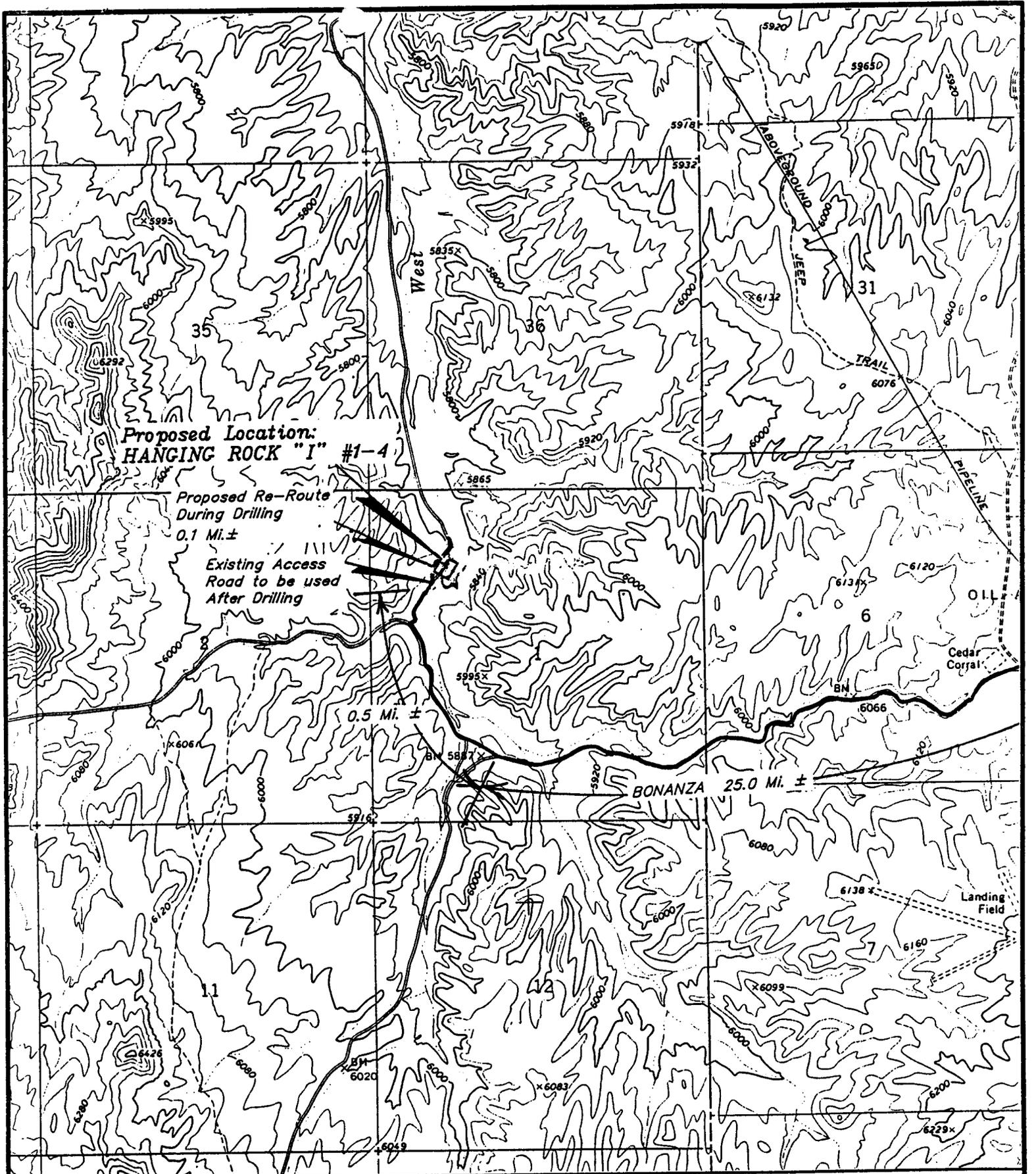
DATE: 5-21-91 R.E.H.



**FREEDOM ENERGY, INC.**

HANGING ROCK FED. "I" #1-4  
 SECTION 1, T12S, R23E, S.L.B.&M.

REVISED: 6-3-91 R.E.H.



REVISED: 3-14-95 C.B.T.

**TOPOGRAPHIC  
MAP "B"**

SCALE: 1" = 2000'

DATE: 5-21-91 R.E.H.



**FREEDOM ENERGY, INC.**

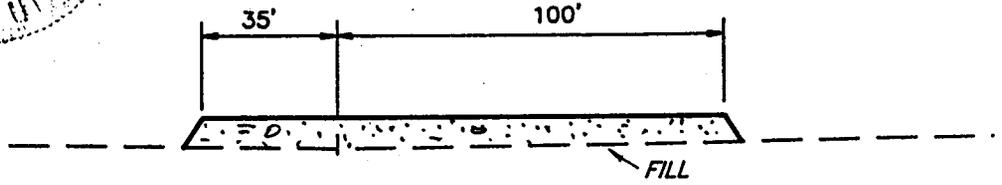
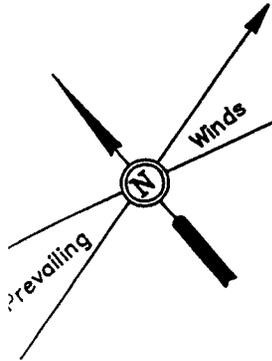
HANGING ROCK FED. "1" #1-4  
SECTION 1, T12S, R23E, S.L.B.&M.  
1198' FNL 1231' FWL

REVISED: 6-3-91 R.E.H.

**FREEDOM ENERGY, INC.**

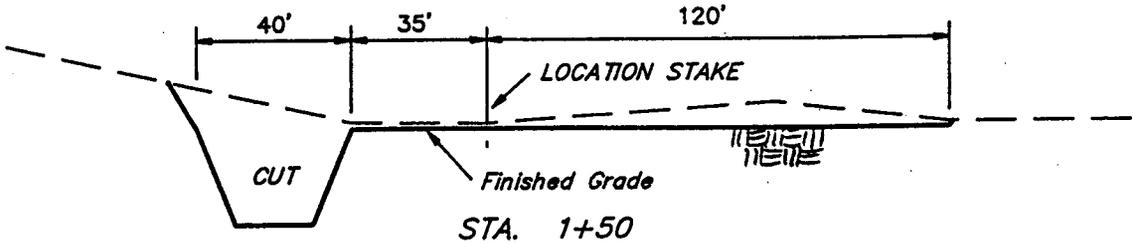
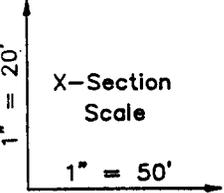
**LOCATION LAYOUT FOR**

**HANGING ROCK FED. "I" #1-4.  
SECTION 1, T12S, R23E, S.L.B.&M.**



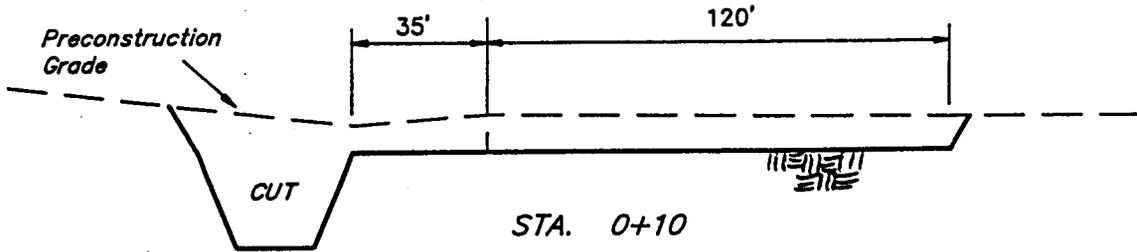
STA. 3+25

SCALE: 1" = 50'  
DATE: 5-20-91  
Drawn By: T.D.H.  
REVISED: 6-3-91  
REVISED: 3-14-95 C.B.T.

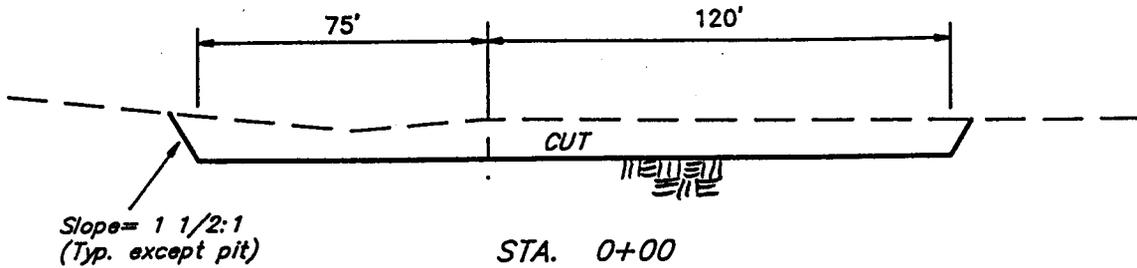


STA. 1+50

TYP. LOCATION LAYOUT



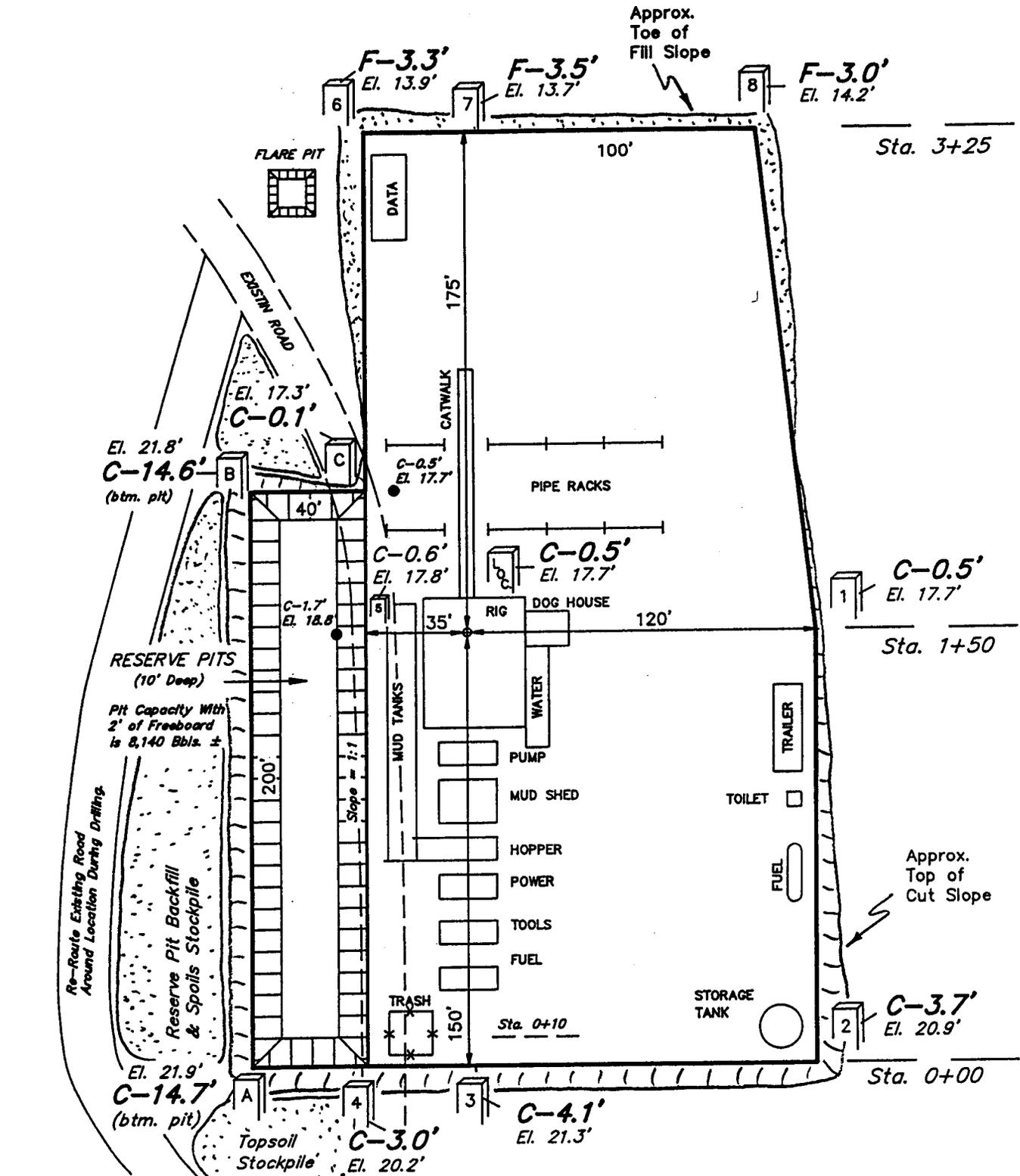
STA. 0+10



STA. 0+00

Ungraded Ground at Location Stake = 5817.7'

Graded Ground at Location Stake = 5817.2'



**APPROXIMATE YARDAGES**

(6") Topsoil Stripping	= 1,080 Cu. Yds.
Remaining Location	= 4,960 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 6,040 CU.YDS.</b>
<b>FILL</b>	<b>= 1,830 CU.YDS.</b>

<b>EXCESS MATERIAL AFTER 5% COMPACTION</b>	<b>= 4,110 Cu. Yds.</b>
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,140 Cu. Yds.
<b>EXCESS UNBALANCE (After Rehabilitation)</b>	<b>= 1,970 Cu. Yds.</b>

Elev.

Elev.

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/28/97

API NO. ASSIGNED: 43-047-32855

WELL NAME: HANGING ROCK FEDERAL I 1-4  
 OPERATOR: FREEDOM ENERGY INC (N3285)

PROPOSED LOCATION:  
 NWNW 01 - T12S - R23E *119B'*  
 SURFACE: 1231-FWL-~~1980~~-FNL  
 BOTTOM: 1231-FWL-~~1980~~-FNL  
 UINTAH COUNTY  
 WILDCAT FIELD (001)

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

LEASE TYPE: FED  
 LEASE NUMBER: U - 57455

PROPOSED PRODUCING FORMATION: WSTC

RECEIVED AND/OR REVIEWED:

Plat  
 Bond: Federal  State  Fee   
 (Number 447-1030)  
 Potash (Y/N)  
 Oil shale (Y/N)  
 Water permit  
 (Number 49-1595)  
 RDCC Review (Y/N)  
 (Date: \_\_\_\_\_)

LOCATION AND SITING:

R649-2-3. Unit: HANGING ROCK  
 \_\_\_\_\_ R649-3-2. General.  
 \_\_\_\_\_ R649-3-3. Exception.  
 \_\_\_\_\_ Drilling Unit.  
 Board Cause no: \_\_\_\_\_  
 Date: \_\_\_\_\_

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

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

OPERATOR: FREEDOM ENERGY (N3285)  
FIELD: UNDESIGNATED (N002)  
SEC, TWP, RNG: 25,35,31,1 T11 & 12S, R23 & 24 E  
COUNTY: UINTAH  
UAC: R649-3-2



PREPARED:  
DATE: 31 -MAR-97

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL  DEEPEN  PLUG BACK

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

2. NAME OF OPERATOR  
Freedom Energy, Inc.

3. ADDRESS OF OPERATOR  
1050 - 17th St., Suite #710, Denver, Co 80265 303-592-3022

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface  
845' FSL, 1950' FWL, SE1/4, SW1/4, Sec. 1, T12S, R23E  
At proposed prod. zone  
43-047-32855

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
18.4 MILES SOUTH OF BONANZA, UT

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 845'

16. NO. OF ACRES IN LEASE  
10,092.71

17. NO. OF ACRES ASSIGNED TO THIS WELL  
40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2650'

19. PROPOSED DEPTH  
4700'

20. ROTARY OR CABLE TOOLS  
ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5907'

22. APPROX. DATE WORK WILL START\*  
April 15, 1997

23. PROPOSED CASING AND CEMENTING PROGRAM

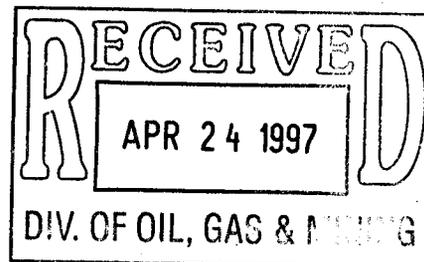
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	9 5/8	36	300	TO SURFACE
7 7/8	4 1/2	11.6	T.D.	CMT TOP TO COVER THE OIL SHALE

OPERATOR REQUESTS PERMISSION TO DRILL THE SUBJECT WELL  
PLEASE SEE THE ATTACHED 10 POINT AND THE 13 POINT SURFACE  
USE PLAN.

IF YOU REQUIRE ADDITIONAL INFORMATION PLEASE CONTACT:

WILLIAM A. RYAN  
350 S., 800 E.  
VERNAL, UTAH  
801-789-0968

801-823-6152



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If 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 William A. Ryan WILLIAM A. RYAN TITLE PETROLEUM ENGINEER DATE Mar 25 1997

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY [Signature] TITLE Assistant Field Manager DATE APR 22 1997  
CONDITIONS OF APPROVAL, IF ANY: Mineral Resources

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

\*See Instructions On Reverse Side

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

Company/Operator: Freedom Energy, Inc.

Well Name & Number: Hanging Rock Fed. I 1-14

API Number: 43-047-32871

Lease Number: U-57455

Location: SESW Sec. 01 T. 12 S R. 23 E

**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 to the field representative by the operator 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 **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit to this office 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.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water 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 identified at  $\pm$  692 ft.. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

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  $\pm$  492 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.), and 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.

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 following initial installation 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 for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne Bankert Petroleum Engineer	(801) 789-4170
Ed Forsman Petroleum Engineer	(801) 789-7077
Jerry Kenczka Petroleum Engineer	(801) 789-1190
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 PROGRAM**

-Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

-The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, and crowning (2 to 3%). Graveling or capping the roadbed will be required as necessary to provide a well constructed safe road. Prior to construction/upgrading, the proposed road surface or existing road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Should mud holes develop, they shall be filled in to prevent detours. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. When snow is removed from the road during the winter months, the snow should be pushed outside of the burrow ditches and the turn outs should be kept clear so that when the snow melts the water will be channeled away from the road.

-The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

-Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.).



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

1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

May 6, 1997

Freedom Energy, Inc.  
1050 17th Street, Suite 710  
Denver, Colorado 80265

Re: Hanging Rock Federal I 1-4 Well, 1198' FNL, 1231' FWL,  
NW NW, Sec. 1, T. 12 S., R. 23 E., Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-32855.

Sincerely,

*Lowell P. Braxton*  
Lowell P. Braxton  
Deputy Director

lwp

Enclosures

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

Operator: Freedom Energy, Inc.  
Well Name & Number: Hanging Rock Federal I 1-4  
API Number: 43-047-32855  
Lease: U-57455  
Location: NW NW Sec. 1 T. 12 S. R. 23 E.

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334 or Mike Hebertson at (801) 538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL

OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR

Freedom Energy, Inc.

3. ADDRESS OF OPERATOR

1050 - 17th St., Suite #710, Denver, Co 80265 303-592-3022

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

At surface  
1231' FWL, 1980' FNL, NW1/4, NW1/4, Sec. 1, T12S, R23E  
At proposed prod. zone

43-097-32855

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

18.4 MILES SOUTH OF BONANZA, UT

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1198'

16. NO. OF ACRES IN LEASE

10,092.71

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

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

5280'

19. PROPOSED DEPTH

5000'

20. ROTARY OR CABLE TOOLS ROTARY

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

5818'

22. APPROX. DATE WORK WILL START\*

March 15, 1997

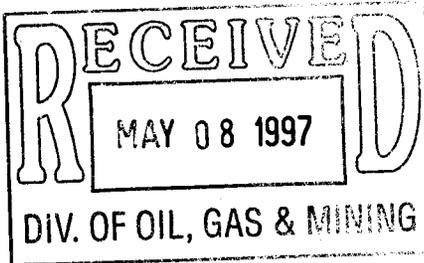
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	9 5/8	36	300	TO SURFACE
7 7/8	4 1/2	11.6	T.D.	CMT TOP TO COVER THE OIL SHALE

OPERATOR REQUESTS PERMISSION TO DRILL THE SUBJECT WELL PLEASE SEE THE ATTACHED 10 POINT AND THE 13 POINT SURFACE USE PLAN.

IF YOU REQUIRE ADDITIONAL INFORMATION PLEASE CONTACT:

WILLIAM A. RYAN  
350 S., 800 E.  
VERNAL, UTAH  
801-789-0968  
801-823-6152



RECEIVED  
FEB 25 1997

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If 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 William A. Ryan TITLE PETROLEUM ENGINEER DATE Feb. 21, 1997

(This space for Federal or State office use)

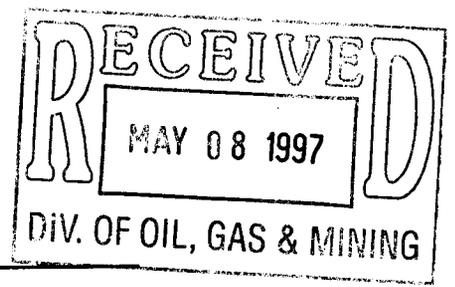
PERMIT NO. NOTICE OF APPROVAL APPROVAL DATE Assistant Field Manager  
Mineral Resources DATE MAY 07 1997

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL TO OPERATOR'S USE

\*See Instructions On Reverse Side

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL



Company/Operator: Freedom Energy, Inc.  
Well Name & Number: Hanging Rock Federal I 1-4  
API Number: 43-047-32855  
Lease Number: U - 57455  
Location: NWNW Sec. 01 T.12S R. 23E

**NOTIFICATION REQUIREMENTS**

- Location Construction - at least forty-eight (48) hours prior to construction of location and access roads.
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## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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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.

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### A. DRILLING PROGRAM

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Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed 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.

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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.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

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 650 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

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.

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A cement bond log (CBL) will be run from the production casing shoe to the top of the cement 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.

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 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) 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 3162.7-4.

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 onlease or off-lease will have prior written approval from the AO.

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 on initial 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 for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

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

Ed Forsman (801) 789-7077  
Petroleum Engineer

Wayne P. Bankert (801) 789-4170  
Petroleum Engineer

Jerry Kenczka (801) 781-1190  
Petroleum Engineer

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.

**CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL**

-Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, and crowning (2 to 3%). Graveling or capping the roadbed will be required as necessary to provide a well constructed safe road. Prior to construction/upgrading, the proposed road surface or existing road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Should mud holes develop, they shall be filled in to prevent detours. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. When snow is removed from the road during the winter months, the snow should be pushed outside of the burrow ditches and the turn outs should be kept clear so that when the snow melts the water will be channeled away from the road.

-The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

-Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs).

-The APD mentions that trees will be left on the west side of the location and that a silt catchment dam will be constructed. These statements were made in error and were not required by the BLM.

-The topsoil should be windrowed along the south end of the location between corner 4 and where the access road enters the pad.

-The county road will be re-routed around the location to the west during the drilling operation, but will be routed through the location once the well is completed.

-An earthen berm will be constructed along the edge of the location from stake No. 1 to corner 8 to prevent the location from eroding into the wash.

TRANSACTION REPORT

P. 01

DEC-18-97 THU 03:30 PM

SEND (M)

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
DEC-18	03:29	PM 5318468	45"	1	SEND	( M) OK	037	

TOTAL 45S PAGES: 1

Dec-17-97 01:06P Freedom Energy, Inc. 303-592-2988

P. 02



43-047-82855

December 17, 1997

Bureau of Land Management  
 324 South State Street  
 Salt Lake City, Utah 84111

Division of Oil, Gas & Mining  
 1594 West North Temple, Suite 1210  
 Salt Lake City, Utah 84114-5801

Re: Release and Waiver of Confidentiality

Gentlemen:

Please be advised that Brent A. Bohman and other members of the law firm of Pruitt, Gushee & Bachtell are hereby authorized to review and copy any records in your possession pertaining to Freedom Energy, Inc.'s interests within Township 11 South, Ranges 22, 23, and 24 East, and Township 12 South, Ranges 23 and 24 East, in Uintah County. For purposes of this release and waiver of confidentiality, an executed facsimile copy of this letter should be



December 17, 1997

Bureau of Land Management  
324 South State Street  
Salt Lake City, Utah 84111

Division of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

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Should you have any questions or concerns, please do not hesitate to contact me at (303)592-3022, ext. 303.

Very truly yours,

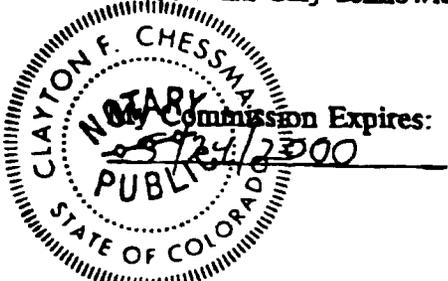
FREEDOM ENERGY, INC.

*Paul Franks*

Paul Franks  
Vice President

STATE OF COLORADO )  
 ) : ss.  
COUNTY OF Denver )

On the 17<sup>th</sup> day of December, 1997, personally appeared before me, Paul Franks, and after being by me duly sworn did say that he is the Vice President of Freedom Energy, Inc. and that said instrument was signed on behalf of said corporation by authority of its by-laws and said Paul Franks duly acknowledged to me that said corporation executed the same.



*Clayton F. Chessman*  
Notary Public  
Residing at: Denver, CO

# OPERATOR CHANGE WORKSHEET

Routing	
1- <i>JEC</i>	6- <i>JEC</i>
2- <i>GLH</i>	7- <i>KAS</i>
3- <i>DTS</i>	8- <i>SI</i>
4- <i>VLD</i>	9- <i>FILE</i>
5- <i>JRB</i>	

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>43-047-32855</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: _____

## OPERATOR CHANGE DOCUMENTATION

- JEC* 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)*
- JEC* 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Ref. 1-21-98) (Ref. 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: \_\_\_\_\_
- JEC* 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.
- JEC* 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(2-3-98)*
- JEC* 6. **Cardex** file has been updated for each well listed above. *(2-4-98)*
- JEC* 7. **Well file labels** have been updated for each well listed above. *(2-4-98)*
- JEC* 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)*
- JEC* 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: 2-4-00.

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

**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-57455**

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

7. If Unit or CA, Agreement Designation

**UTU-73518X**

8. Well Name and No.  
**HANGING ROCK FED. I 1-4**

9. API Well No.  
**43-047-32855**

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.**

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

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

**1198' FNL, 1231' FWL NW/NW SEC.1-T12S-R23E**

**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

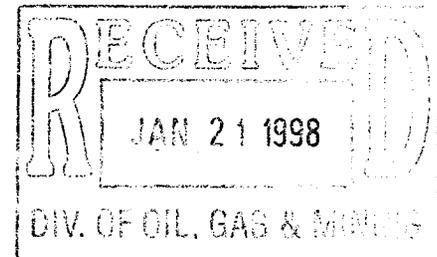
**TYPE OF ACTION**

- 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 Hanging Rock Fed. I 1-4, NW/NW Sec.1-T12S-R24E; Lease # U-57455; 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: \_\_\_\_\_

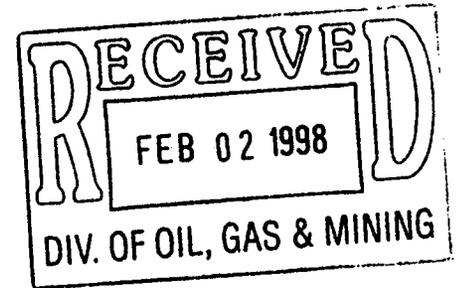
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



# 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: Hanging 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 Hanging 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 Hanging 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 - Hanging Rock Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

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

Well Status Report  
Utah State Office  
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: UTU73518A								
UTU66408	4304732603	HANGING ROCK 24-13	SWSW	24	T11S	R23E	PGW	FREEDOM ENERGY INCORPORATED
** Inspection Item: UTU73518B								
UTU57455	4304732748	HANGING ROCK 12-4	NWNW	12	T12S	R23E	PGW	FREEDOM ENERGY INCORPORATED
UTU66426	4304732751	HANGING ROCK 7-6	SESW	7	T12S	R24E	PGW	FREEDOM ENERGY INCORPORATED
UTU57455	4304732679	HANGING ROCK I 1-16	SESE	1	T12S	R23E	PGW	FREEDOM ENERGY INCORPORATED
UTU57455	4304732871	I 1-14	SESW	1	T12S	R23E	PGW	FREEDOM ENERGY INCORPORATED
** Inspection Item: UTU73518X								
<del>UTU01252A</del>	<del>4304732854</del>	<del>HANGING ROCK 31-11</del>	<del>NESW</del>	<del>31</del>	<del>T11S</del>	<del>R24E</del>	<del>ABD</del>	<del>FREEDOM ENERGY INCORPORATED</del> <i>PR'd 5/97</i>

\*980204 Change includes wells in drilling status (see attached list). BLM does not list them on this form; however change applies to these wells also. (per Terese Thompson/BLM). *J*  
*fee*

# HANGING ROCK UNIT

## Uintah County, Utah

EFFECTIVE: NOVEMBER 22, 1994

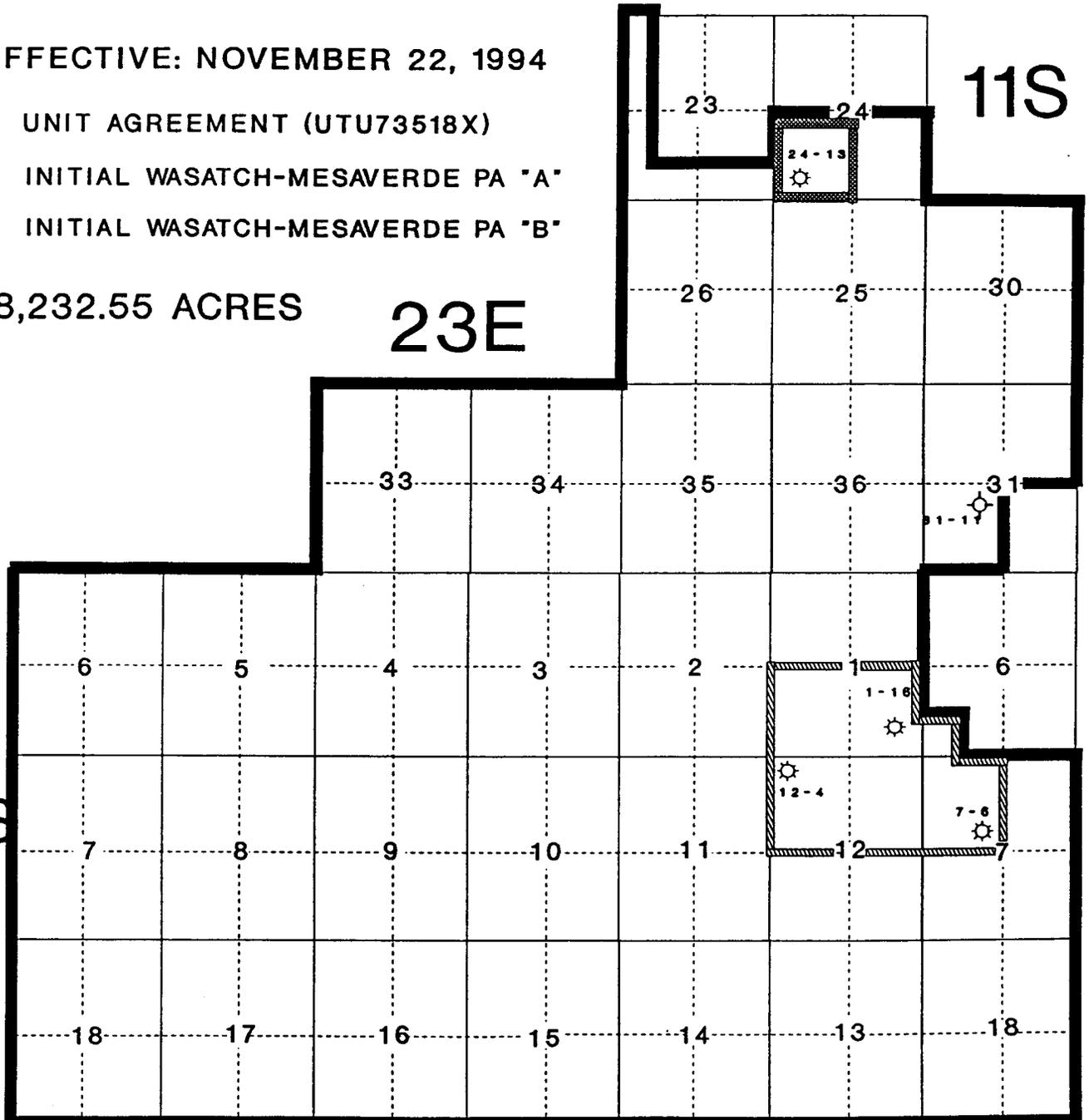
-  UNIT AGREEMENT (UTU73518X)
-  INITIAL WASATCH-MESAVERDE PA "A"
-  INITIAL WASATCH-MESAVERDE PA "B"

18,232.55 ACRES

23E

11S

12S



<p>WSTC-MSVD "A" ALLOCATION</p> <p>FEDERAL 100% 160.00 Acres</p>
--

<p>WSTC-MSVD "B" ALLOCATION</p> <p>FEDERAL 100% 826.76 Acres</p>
--

24E

**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. of the following undrilled wells with existing drilling permits.

<u>Well Name</u>	<u>Property Location</u>
	<u>All In Uintah Co. Utah</u>
1. Hanging Rock "H" #25-13	SW SW Sec. 25-11S-23E
2. Hanging Rock "H" #35-15	SW SE Sec. 35-11S-23E
3. Hanging Rock "I" #1-4	NW NW Sec. 01-12S-23E
4. Cruiser Federal "F" #6-6	SE NW Sec. 06-12S-24E
5. Hanging Rock "I" #11-8	SE NE Sec. 11-12S-23E
6. Hanging Rock "I" #12-2	NW NE Sec. 12-12S-23E
7. Hanging Rock "F" #7-8	SE NE Sec. 07-12S-24E
8. Hanging Rock "I" 11-6	SE NW Sec. 11-12S-23E

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)

(DRILLING STATUS; APPROVED BUT HAVE NOT COMPLETED)

2-3-98

Record#	OPERATOR	API_NUMBER	WELL_NAME	SECTION	TOWNSHIP	RANGE	DATEAPPRVD	SPUD_DATE	
3206	FREEDOM ENERGY INC	43-047-32852	HANGING ROCK FEDERAL H 25-13	25	11S	23E	04/03/97	/ /	9999 ↓
3205	FREEDOM ENERGY INC	43-047-32853	HANGING ROCK FEDERAL H 35-15	35	11S	23E	04/25/97	/ /	
3203	FREEDOM ENERGY INC	43-047-32855	HANGING ROCK FEDERAL I 1-4	01	12S	23E	05/06/97	/ /	
3202	FREEDOM ENERGY INC	43-047-32856	CRUISER FEDERAL F 6-6	06	12S	24E	05/27/97	/ /	
3210	FREEDOM ENERGY INC	<del>43-047-32870</del>	<del>HANGING ROCK STATE H 36-9</del>	36	11S	23E	/ /	/ /	
3402	FREEDOM ENERGY INC	43-047-32935	HANGING ROCK I 11-8	11	12S	23E	07/16/97	/ /	
3401	FREEDOM ENERGY INC	43-047-32936	HANGING ROCK I 12-2	12	12S	23E	07/16/97	/ /	
3400	FREEDOM ENERGY INC	43-047-32937	HANGING ROCK FEDERAL F 7-8	07	12S	24E	07/16/97	/ /	
3504	FREEDOM ENERGY INC	43-047-32992	HANGING ROCK I 11-6	11	12S	23E	10/02/97	/ /	
3503	FREEDOM ENERGY INC	<del>43-047-32993</del>	<del>TUCKER FEDERAL F 8-2</del>	08	12S	24E	/ /	/ /	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
MAR 16 1998  
DIV. OF OIL, GAS & MINING

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS, 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

SUBMIT IN TRIPLICATE

RECEIVED

CONFIDENTIAL

FEB 03 1998

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator

Rosewood Resources, Inc.

3. Address and Telephone No.  
100 Crescent Court, Suite 500, Dallas TX. 75201 214-871-5729

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

1231' FWL 1980, FNL, NW 1/4, NW 1/4, Sec. 1, T12S, R23E

5. Lease Designation and Serial No.

U-57455

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Hanging Rock Unit

8. Well Name and No.

Hanging Rock I 1-4

9. API Well No.

43-047-328 55

10. Field and Pool, or Exploratory Area

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

- 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

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

12. 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.)\*

Operator respectfully requests permission for an extension of 12 months on the APD for the subject well. The APD was approved on May 7, 1997. The operator anticipates drilling the subject well in 1998.

CONFIDENTIAL

APD extended 1 year by  
BLM per Margie Hermann,  
BLM-Vernal. Extend to

If you require additional detail please feel free to contact:

William (Bill) Ryan  
Agent for Rosewood Resources, Inc.  
Rocky Mountain Consulting

(801) 789-0968 Office  
(801) 828-0968 Cell  
(801) 789-0970 Fax

VERNAL DIST.
ENG. <u>WMS 3/2/98</u>
GEOL. _____
P.S. _____
PET. _____
A.H. _____

5/6/99  
DTS  
3/23/98

COPY

I hereby certify that the foregoing is true and correct

Signed William Ryan

Title Agent

Date 2/2/98

(This space for Federal or State Office use)

Assistant Field Manager

Title Mineral Resources

Date MAR 10 1998

Approved \_\_\_\_\_  
Conditions of approval, if any.

The 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

DIVISION OF OIL, GAS AND MINING

**CONFIDENTIAL**

SPUDDING INFORMATION

Name of Company: ROSEWOOD RESOURCES

Well Name: HANGING ROCK FEDERAL I 1-4

Api No. 43-047-32855

Section 1 Township 12S Range 23E County UINTAH

Drilling Contractor

Rig #

SPUDDED:

Date 5/25/98

Time

How DRY HOLE

Drilling will commence

Reported by LUCY

Telephone #

Date: 6/17/98 Signed: JLT

↓

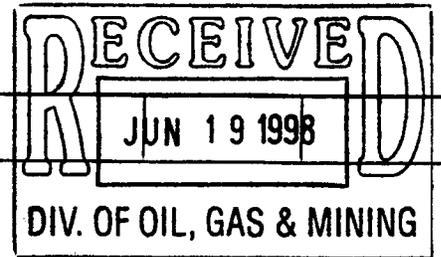
OPERATOR ROSEWOOD RESOURCES, INC.

OPERATOR ACCT. NO. N 7510

ADDRESS P.O. Box 1668

Vernal, UT 84078

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12389	4304732855	HANGING ROCK FED I 1-4	NWNW	1	12S	23E	Uintah	5/25/98	5/25/98
WELL 1 COMMENTS: Add to Hanging Rock Unit / Non P.A. <b>CONFIDENTIAL</b>											
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)

*Lucy Nemes*  
 Signature  
 Admin. Assistant 6/17/98  
 Title Date  
 Phone No. (435) 789-0414

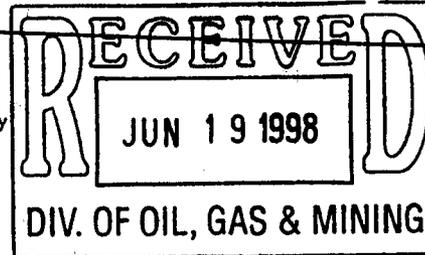
OPERATOR ROSEWOOD RESOURCES, INC.  
 ADDRESS P.O. Box 1668  
Vernal, UT 84078

OPERATOR ACCT. NO. #7510

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12133	4304733052	OIL SPRINGS #13	SWSE	5	12S	24E	Uintah	5/26/98	5/26/98
WELL 1 COMMENTS: Add to Oil Springs Unit / <i>wstc B-Gas Zone</i> <span style="float: right;"><i>Entities added 6-23-98. lc</i></span>											
B	99999	12385	4304732852	HANGING ROCK H 25-13	SWSW	25	11S	23E	Uintah	5/30/98	5/30/98
WELL 2 COMMENTS: Add to Hanging Rock Unit / <i>Non P.A.</i> <span style="float: right;"><b>CONFIDENTIAL</b></span>											
A	99999	12386	4304732993	TUCKER FEDERAL #8-2	NWNE	8	12S	24E	Uintah	5/29/98	5/29/98
WELL 3 COMMENTS: <span style="text-align: center;"><b>CONFIDENTIAL</b></span>											
A	99999	12387	4304732856	CRUISER FEDERAL F 6-6	SENW	6	12S	24E	Uintah	6/5/98	6/5/98
WELL 4 COMMENTS: <span style="text-align: center;"><b>CONFIDENTIAL</b></span>											
B	99999	12388	4304733102	HANGING ROCK I #3-11	NESW	3	12S	23E	Uintah	6/6/98	6/6/98
WELL 5 COMMENTS: Add to Hanging Rock Unit / <i>Non P.A.</i>											

- 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)



*Lucy Nemer*  
 Signature  
 Admin. Assistant 6/17/98  
 Title Date  
 Phone No. (435) 789-0414

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-57455

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Hanging Rock Unit

8. Well Name and No.

Hanging Rock I 1-4

9. API Well No.

43-047-328 55

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Uintah, Utah

SUBMIT IN TRIPLICATE

RECEIVED

FEB 03 1998

1. Type of Well

Oil Well  Well  Other

2. Name of Operator

Rosewood Resources, Inc.

3. Address and Telephone No.

100 Crescent Court, Suite 500, Dallas TX. 75201 214-871-5729

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1231' FWL 1980, FNL, NW 1/4, NW 1/4, Sec. 1, T12S, R23E

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

APD Extension  
(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.)\*

Operator respectfully requests permission for an extension of 12 months on the APD for the subject well. The APD was approved on May 7, 1997. The operator anticipates drilling the subject well in 1998.

*Spudded 5/25/98.  
DTS 7/14/98*

CONFIDENTIAL

If you require additional detail please feel free to contact:

William (Bill) Ryan  
Agent for Rosewood Resources, Inc.  
Rocky Mountain Consulting

(801) 789-0968 Office  
(801) 828-0968 Cell  
(801) 789-0970 Fax

RECEIVED  
JUL 01 1998  
DIV. OF OIL, GAS & MINING

COPY

VERNAL DIST.
ENG. <i>WMS 3/4/98</i>
GEOL. _____
E.S. _____
PET. _____
A.H. _____

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

Signed William Ryan

Title Agent

Date 2/2/98

(This space for Federal or State office use)

Assistant Field Manager

Approved [Signature]  
Conditions of approval, if any:

Title Mineral Resources

Date MAR 10 1998

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**

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Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.  
UTU-57455

6. If Indian, Allottee or Tribe Name  
NA

7. If Unit or CA, Agreement Designation  
HANGING ROCK

8. Well Name and No.  
HANGING ROCK I #1-4

9. API Well No.  
43-047-32855

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH CO., UTAH

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

**CONFIDENTIAL**

2. Name of Operator  
ROSEWOOD RESOURCES, INC.

3. Address and Telephone No.  
P.O. Box 1668, Vernal, UT 435-789-0414

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
NW/NW SECTION 1, T12S, R23E

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 WEEKLY  
 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.)\*

WEEKLY STATUS - MIRU CHANDLER RIG #1 5/28/98; DRILLED TO TD @ 4500'; RAN AND CEMENTED 4-1/2" CSG. CHANDLER RIG RELEASED @ 12:30 A.M. 6/5/98. SEE ATTACHED RIG REPORTS.

CURRENT STATUS - WAITING ON COMPLETION RIG.

**CONFIDENTIAL**

COPIES: ORIG. & 2-BLM; DIV. OG&M; J MCQUILLEN

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

Signed *Luz Verman* Title Administrative Assistant Date 07/07/98

(This space for Federal or State office use)

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

Conditions of approval, if any:





# ROSEWOOD RESOURCES, INC.

# DAILY DRILLING REPORT

LEASE: Hanging Rock I

DATE: 6-3-98

CURRENT DEPTH 4500

WELL: # 1- 4

PROPOSED TD 4500

RIG: Chandler Rig #1

FOOTAGE PAST 24 HRS \_\_\_\_\_

PRESENT OPERATION: TOOH f/ Logs

ENGINEER D.WIDNER

CONSULTANT C. EMERSON

FROM	TO	ACTIVITY PAST 24 HRS:
0700	0930	Circ & Cond Hole
0930	1030	Short Trip 10 Stands. No Drag or Fill.
1030	1200	Circ & Cond Hole
1200	1500	TOOH f/ Logs. Slight Drag in spots from 2700' to 1500'. Worked through easily.
1500	1800	RU Schlumberger. RIH w/ Triple Combo. Hit Bridge @ 2164. POOH RD Schlum
1800	1930	TIH w/ 7 7/8" Insert Bit. Hit Solid Bridge @ 1760'
1930	2030	POOH Replace Insert w/ PDC
2030	2200	TIH Wash & Ream 1700' to 2200'
2200	0030	TIH Wash soft fill last 40' to bottom.
0030	0130	Circ & Cond Hole. Run Sweeps.
0130	0300	Short Trip 15 Stands. No Drag or Fill.
0300	0430	Circ & Cond Hole
0430	0700	TOOH f/ Logs. NO Drag.

**MUD PROPERTIES:**

WT	9.5	% OIL		Ca+	40
VIS	47	%SAND	TR	cake	2/32
WL	7.8	%SOLID	8.4	pH	10
HTHP		ALK	.6	DAILY MUD COST	1395
PV	21	Cl-	850	CUM. MUD COST	9252
YP	16				

**DAILY COSTS:**

FOOTAGE	
DAYWORK	6450
LOCATION	
MUD	1395
RIG MOVE	
SURVEYOR	
LOGGING	
MUD LOG	500
CEMENTING	
FISHING	
WATER	350
WELLHEAD	
CSG CREW	
RENTALS	500
CASING	
SUPERVISION	500
CASING HEAD	

**PUMP DATA:**

	1	2
MAKE	G-D	Emsco
MODEL	PZ-8	D-500
LINER	6"	5 1/2"
SPM	120	
PSI	1050	

**HYDRAULICS:**

WOB	
RPM	
GPM	348

**BIT RECORD:**

Bit #	1RR	2RR
Ser#	M38606	1901776
Size	7 7/8"	7 7/8"
Make	RTC	HC
Type	HP51X	R535A1
Jets	3/12s	4/12-1/13
In @	516'	2015'
Out @	2015'	4500'
Feet	1505'	2485'
Hrs	17 1/2	71
Ft/Hr	86	35
CUM		
Grade		

**SURVEY DATA:**

DEPTH	DEGREES
511'	1/2
1041'	1
1535'	3/4
1965'	1 1/4
2443'	2 1/4
2847'	3 1/4
2972'	3 1/4
3220'	2 3/4
3713'	2 3/4
4268'	3

TOTAL DAILY	9695
COST FORWARD	124475
CUM.TO DATE	134170

ADDITIONAL COMMENTS: BHA#1: Bit, MM, XO, 15-  
 Wasatch Top: 2521' 6 1/8" DC, XO=480.03'  
 Mesa Verde Top: 4103'  
 Shows: #1: 4033'-4057' 120units



# ROSEWOOD RESOURCES, INC.

# DAILY DRILLING REPORT

LEASE: Hanging Rock I

DATE: 6-5-98

CURRENT DEPTH 4500'

WELL: # 1- 4

PROPOSED TD 4500'

RIG: Chandler Rig #1

FOOTAGE PAST 24 HRS \_\_\_\_\_

PRESENT OPERATION: Waiting on Cement

ENGINEER D.WIDNER

CONSULTANT C. EMERSON

FROM	TO	ACTIVITY PAST 24 HRS:
0700	1030	WOO
1030	1500	LDDP & DC
1500	1800	RU & Run Production Casing as follows: 1- 4 1/2" Float Shoe(.75'), 1- Shoe Jt 4 1/2" 11.6# J-55(42.90') Centralized Mid Jt, 4 1/2" Float Collar(.60'), 104 Jts - 4 1/2" 11.6# J-55 LT&C 8rd Casing(4448.85')(w/ 29- centralizers on every other collar to 1966'), Landed above KB(2.00'). Tag @ 4498'. Casing Set @ 4491.10'KB. Float @ 4446.85'KB
1800	1830	RU BJ Services & circulate.
1830	1930	Cement Production Casing as follows: Pump 30 bbl Mud Flush, Lead w/ 250 sks Premium Lite Plus Cmt w/ 10% Gel, 0.5% SM, 3#/sk SE, 2#/sk Coal Seal, 1/4#/sk Celloflake mixed @ 11.0ppg w/ 3.42 ft <sup>3</sup> /sk yield. Tail w/ 300 sks Class "G" w/ 10% Gypsum, 0.6% FL-52, 10% Salt, 1/4#/sk Celloflake mixed @ 15.2ppg w/ 1.44 ft <sup>3</sup> /sk yield. Drop Plug & Displace w/ 69bbl Fresh H <sub>2</sub> O. Bump Plug @ 2600psi @ 1930hrs. Float held OK. Had Good Returns while Cementing. Circulated 15sks to surface. Reciprocated Csg throughout Job RD BJ.
1930	2030	ND BOP Set slips w/ 44K# on Hanger. Cutoff Casing
2030	2430	Jet & Clean Pits Rig Released @ 2430 Hrs 6-5-98

### MUD PROPERTIES:

WT	9.6	% OIL		Ca+ cake	40
VIS	49	% SAND	TR		2/32
WL	6.8	% SOLID	9.1	pH	10
HTHP		ALK	.6	DAILY MUD COST	
PV	20	Cl-	850	CUM. MUD COST	9640
YP	16				

### DAILY COSTS:

FOOTAGE	
DAYWORK	4703
LOCATION	
MUD	
RIG MOVE	
SURVEYOR	
LOGGING	
MUD LOG	
CEMENTING	11935
FISHING	
WATER	
WELLHEAD	
CSG CREW	7822
RENTALS	500
CASING	21512
SUPERVISION	500
CASING HEAD	1460
FLOAT EQUIP	1850
TOTAL DAILY	50282
COST FORWARD	159306
CUM. TO DATE	209588

### PUMP DATA:

	1	2
MAKE	G-D	Emsco
MODEL	PZ-8	D-500
LINER	6"	5 1/2"
SPM	120	
PSI	850	

### HYDRAULICS:

WOB	0
RPM	20
GPM	348

### BIT RECORD:

Bit #	1RR	2RR
Ser#	M38606	1901776
Size	7 7/8"	7 7/8"
Make	RTC	HC
Type	HP51X	R535A1
Jets	3/12s	4/12-1/13
In @	516'	2015'
Out @	2015'	4500'
Feet	1505'	2485'
Hrs	17 1/2	71
Ft/Hr	86	35
CUM		
Grade		

### SURVEY DATA:

DEPTH	DEGREES
511'	1/2
1041'	1
1535'	3/4
1965'	1 1/4
2443'	2 1/4
2847'	3 1/4
2972'	3 1/4
3220'	2 3/4
3713'	2 3/4
4268'	3
4500'	2 3/4

ADDITIONAL COMMENTS: BHA#2: Bit, XO, 15-  
Wasatch Top: 2521' 6 1/8" DC, XO=461.10'  
Mesa Verde Top: 4103'  
Shows: #1: 4033'-4057' 120units

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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UTU-57455

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

HANGING ROCK

8. Well Name and No.

HANGING ROCK I #1-4

9. API Well No.

43-047-32855

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH CO., UTAH

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

ROSEWOOD RESOURCES, INC.

3. Address and Telephone No.

P.O. Box 1668, Vernal, UT 435-789-0414

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

NW/NW SECTION 1, T12S, R23E

**CONFIDENTIAL**

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

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 Subsequent Report  
 Final Abandonment Notice

**TYPE OF ACTION**

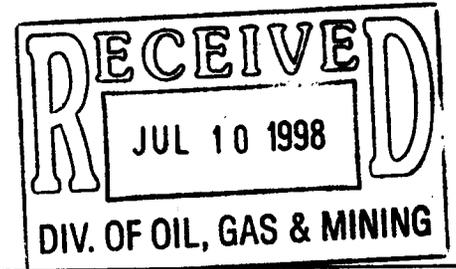
Abandonment  
 Recompletion  
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 Other spud  
 Change of Plans  
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Operator reports the above referenced well was spud on 5/25/98 @ 7:00 a.m. by Bill Jr's Rathole Service.

(See attached report for setting of surface casing.)



COPIES: ORIG. & 2-BLM DIV. OG&M; J MCQUILLEN

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

Signed

*Lucy Nemes*

Title Administrative Assistant

Date 07/07/98

(This space for Federal or State Office use)

Approved by

Title

Date

Conditions of approval, if any:







## ROSEWOOD RESOURCES, INC.

## Daily Completion Report

WELL NAME:HANGING ROCK I #1-4

DATE: 1/21/98

DEPTH: 4500' 4040'-45'  
 PBTD 4438' 2990' - 94'  
 PERFS: 4208'-20'  
 4136'-40'  
 4058'-62'

Lease #: UTU-57455  
 Location: NW/NW SEC. 1, T12S, R23E  
 County: UINTAH

PACKER: 2908

RBP:

CIBP: 4198' 4120'

EOT: 2916'

Engineer D. Widner  
 Consultant T. THURSTON

11/17/98

MIRU POOL WELL SERVICE RIG #824. SPOTTED PIPE RACKS, PUMP, PIT AND TANKS. UNLOADED 147 JTS 2 3/8" TBG ON RACKS. PU AND RIH W/ 3 7/8" ROCK BIT, 4 1/2" CSG SCRAPER AND 147 JTS 2 3/8" TBG. TAGGED TD @ 4438'. CIRCULATED HOLE CLEAN W/ 65 BBLS 3% KCL, PULLED AND LAYED DOWN 10 JTS TBG. SHUT DOWN FOR DAY.

Daily cost \$31,348 cum. cost \$245,740

11/18/98

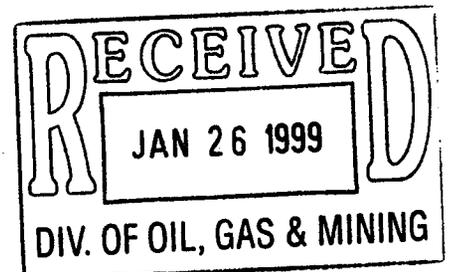
THIS A.M. FINISHED OUT OF HOLE WITH TBG. RU SCHLUMBERGER, PERFORATED INTERVAL 4208' TO 4220', 12' - 4 SPF, 48 HOLE TOTAL, W/ 3 1/2" HSD-UDP CSG GUN. NO SHOW AFTER PERFORATING. PU AND RIH W/ NOTCH COLLAR, XN NIPPLE, ARROW SET 1X PKR, 1 JT TBG, X NIPPLE AND 135 JTS 2 3/8" TBG. 136 JTS TOTAL. SET PKR IN COMPRESSION, LANDED IN WELL HEAD ON HANGER. RU SWAB, 17 BBLS KCL TO RECOVER, SWABBED TBG DOWN, MADE 3 - 30 MIN. RUNS, RECOVERED TOTAL OF 22 BBLS FLUID. LOADED TBG W/ 3% KCL, BROKE DOWN PERFS @ 3000#, EST. RATE OF 1 1/2 BPM @ 2100#, ISIP 1400# ( FRAC GRAD. .77 ) 20 BBLS LOAD WATER TO RECOVER. RU SWAB, SWABBED TBG DOWN, MADE 1 - 30 MIN. RUN, 600' OF FLUID IN WELL. RECOVERED 21 BBLS WATER. SION

Daily cost \$7,789 cum. cost \$258,333

11/19/98

SITP 0#, RIH W/ SWAB, FLUID LEVEL 500' FROM SURFACE. MADE 4 SWAB RUNS, SWABBED TBG DOWN, RECOVERED 14 BBLS WATER. MADE 5 - 30 MIN. RUNS, RECOVERED 4 BBLS WATER, W/ NO GAS. TOTAL WATER RECOVERED 18 BBLS. UNSET PKR, POOH. RU SCHLUMBERGER, SET CIBP @ 4198', TESTED TO 2500# HELD OK, BAILED 1 SX CEMENT ON TOP OF CIBP. PERFORATED INTERVAL 4136' TO 4140', 4' - 4 SPF, 16 HOLE TOTAL W/ 3 1/2" HSD-UDP CSG GUN. NO SHOW AFTER PERFORATING. RIH W/ NOTCH COLLAR, XN NIPPLE, ARROW SET 1X PKR, 1 JT TBG, X NIPPLE AND 133 JTS 2 3/8" TBG. XN NIPPLE @ 4074', PKR @ 4066' AND X NIPPLE @ 4035'. SET PKR IN COMPRESSION, LANDED IN WELL HEAD ON HANGER. TESTED PKR TO 2500#, HELD OK. RU SWAB, MADE 3 SWAB RUNS, WELL SWABBED DRY, NO GAS. SION

Daily cost \$7,110 cum. cost \$265,443



11/20/98

THIS A.M. SITP O#. RIH W/ SWAB, FLUID LEVEL @ 3700'. MADE 4 SWAB RUNS, WELL SWABBED DRY, RECOVERED 1 BBL WATER. LOADED HOLE W/ 17 BBLS 3% KCL, BROKE DOWN PERFS @ 4000#, EST. A RATE ON 4 BBLS KCL @ 2700# @ 2 BPM, ISIP 1850# AND 5 MIN. WAS 1600#. MADE 3 SWAB RUNS, SWABBED WELL DOWN, RECOVERED 17 BBLS LOAD WATER. MADE 1 - 30 MIN. RUN AND 2 HOURLY RUNS, RECOVERED NO FLUID AND DID NOT HAVE A SHOW OF GAS. UNSET ARROW SET 1X PKR, POOH, SION.

Daily cost \$2,661 cum. cost \$268,104

11/21/98

THIS A.M. SITP O#. RU SCHLUMBERGER, SET A CIBP @ 4120', TESTED TO 2500#, HELD OK. BAILED 1 SX OF CEMENT ON TOP OF CIPB. PERFORATED INTERVAL 4058' TO 4062', 4' - 4 SPF, 16 HOLE TOTAL W/ 3 1/2" HSD-UDP CSG. GUN. NO SHOW AFTER PERFORATING. RIH W/ NOTCH COLLAR, XN NIPPLE, ARROW SET 1- X PKR, 1 JT. TBG, X NIPPLE AND 131 JTS 2 3/8" TBG. SET PKR IN COMPRESSION, LANDED IN WELL HEAD ON HANGER. XN NIPPLE @ 4013', PKR @ 4005' AND X NIPPLE @ 3975'. TESTED PKR TO 2500#, HELD OK. RU SWAB, MADE 3 SWAB RUNS, SWABBED DRY. MADE 1 - 30 MIN. RUN AND 2 HOURLY RUNS, NO ENTRY. RECOVERED NO FLUID AND HAD NO SHOW OF GAS. SHUT WELL IN FOR NIGNT.

Daily cost \$7,263 cum. cost \$275,367

11/22/98

THIS A.M. SITP O#. RU SWAB, MADE RUN, FLUID LEVEL @ 3400', RECOVERED 2 BBLS WATER. MADE 2ND RUN, NO ENTRY. MADE 1 - 30 MIN. RUN AND 1 HOURLY RUN, NO ENTRY. RECOVERED NO WATER AND DID NOT HAVE A SHOW OF GAS. SHUT IN TILL MONDAY.

Daily cost \$1,661 cum. cost \$277,028

11/24/98

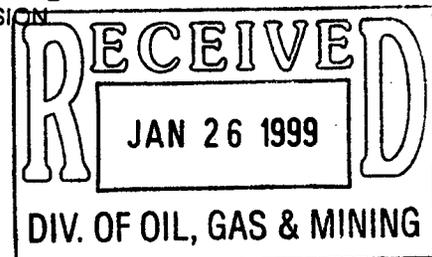
THIS A.M. SITP O#. RU SWAB, MADE RUN, FLUID LEVEL @ 2400' FROM SURFACE. MADE 2 SWAB RUNS, SWABBED DRY, RECOVERED 6 BBLS WATER. MADE 1 - 30 MIN. RUN AND 2 HOURLY RUNS, NO FLUID ENTRY AND NO GAS. UNSET PKR, POOH. RU SCHLUMBERGER PERFORATED INTERVAL 4040' TO 4045', 5' 4 SPF, 20 HOLE TOTAL W/ 3 1/2" HSD-UDP CSG GUN. NO SHOW AFTER PERFORATING. RIH W/ NOTCH COLLAR, XN NIPPLE, ARROW SET 1X PKR, 1 JT. TBG, X NIPPLE AND 130 JTS 2 3/8" TBG. XN NIPPLE @ 3983', PKR @ 3975' ON 131 JTS AND X NIPPLE @ 3942'. SET PKR IN COMPRESSION, LANDED IN WELL HEAD ON HANGER. TESTED PKR TO 2500#, HELD OK. RU SWAB, MADE 3 SWAB RUNS, RECOVERED 17 BBLS WATER, SWABBED DRY. MADE 1 - 30 MIN. RUN, NO ENTRY, MADE 2 HOURLY RUNS, RECOVERED 1 BBL WATER PER RUN. TOTAL WATER RECOVERED 19 BBLS. DID NOT HAVE A GAS SHOW. SION.

Daily cost \$4,878 cum. cost \$281,906

11/25/98

THIS A.M. SITP O#, WITH A LIGHT BLOW. RU SWAB, MADE RUN, FLUID LEVEL @ 1900' FROM SURFACE. MADE 2 SWAB RUNS, SWABBED DOWN, RECOVERED 6 BBLS WATER. MADE 6 HOURLY RUNS, COULD RECOVER 3/4 BBL PER HOUR, RECOVERED 11 BBLS TOTAL WATER. LOADED TBG W/ 3% KCL, BROKE DOWN PERFS @ 2700#, EST. A RATE ON 7 BBLS KCL OF 2300# @ 1 1/2 BPM, ISIP 1600#, IN 5 MIN. PSI O#. HAVE 23 BBLS OF LOAD WATER TO RECOVER. SWABBED 2 HRS, FLUID LEVEL HOLDING @ 200' OF WATER IN WELL. RECOVERED 24 BBLS WATER W/ A SHOW OF GAS ON SWAB RUN. SION

Daily cost \$3,539 cum. cost \$285,445



11/26/98

THIS A.M. SITP O#, WITH A LIGHT BLOW. RU SWAB, MADE RUN, FLUID LEVEL @ SURFACE. MADE 2 SWAB RUNS, SWABBED DRY, RECOVERED 15 BBLS WATER. MADE 3 MORE RUNS, NO FLUID ENTRY W/ A SHOW OF GAS ON SWAB RUN. MADE 30 MIN. RUNS, COULD RECOVER 1 BBL PER RUN. FLUID LEVEL HOLDING @ 3700', COULD RECOVER 2 BBLS PER HOUR. TOTAL WATER RECOVERED FOR DAY 26 BBLS. SHUT IN TILL 11/30/98 FOR THANKSGIVING HOLIDAY.

Daily cost \$2,091 cum. cost \$287,537

12/1/98

THIS A.M. SITP 200#, OPENED WELL TO PIT, INSTANTLY BLEW DOWN, STARTED FLOWING SMALL STREAM OF WATER. RU SLICKLINE, SET XN PLUG IN XN NIPPLE @ 3983'. GOT OFF, ON AND OFF TOOL, TESTED PKR AND PLUG TO 2000#, HELD OK. RU SCHLUMBERGER, PERFORATED INTERVAL 2990' TO 2994', 4' - 4 SPF, 16 HOLES W/ 3 1/2" HSD-UDP CSG GUN. NO SHOWS AFTER PERFORATING. RIH W/ XN NIPPLE, ARROW SET 1X PKR, 1 JT. TBG, X NIPPLE AND 95 JTS 2 3/8" TBG. XN NIPPLE @ 2916', PKR @ 2908' ON 96 JTS TBG, AND X NIPPLE @ 2862'. SET PKR IN COMPRESSION, LANDED IN WELL HEAD ON HANGER. RU SWAB, MADE 3 SWAB RUNS, WELL SWABBED DRY, RECOVERED 10 BBLS WATER. HAD SHOW OF GAS ON 3RD SWAB RUN. MADE 30 MIN. RUN, NO FLUID ENTRY, HAD CONTINUOUS LIGHT BLOW OF GAS. PUT IN 8/64" CHOKE FOR 1 HR, FTP BUILT TO 36#. MADE 2 HOURLY RUNS, NO FLUID ENTRY. FTP BUILT TO 36# RFTWFFN FACH RIIN SION

Daily cost \$6,225 cum. cost \$293,761

12/2/98

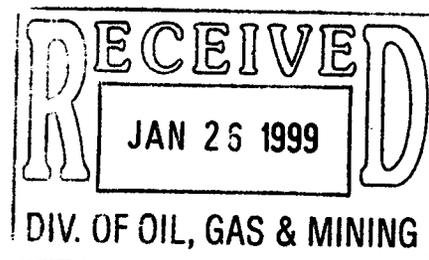
THIS A.M. SITP 880#, OPENED WELL TO TANK ON 12/64" CHOKE FOR 1 HR, FTP 12#, RECOVERED NO FLUID. RIH W/ SWAB, 300' OF FLUID IN WELL, RECOVERED 1 BBL WATER. MADE 2ND RUN, NO FLUID IN WELL. MADE 2 HOURLY RUNS, NO FLUID ENTRY. WELL WOULD BUILD 35# IN 1 HR, BETWEEN RUNS. LOADED HOLE W/ 11 BBLS 3% KCL, PUMPED INTO PERFS @ 2900#. EST. RATE ON 4 BBLS KCL OF 2900# @ 2 BPM, ISIP 2000#, 5 MIN. 500#. 15 BBLS LOAD WATER TO RECOVER. MADE 2 SWAB RUNS, SWABBED TBG. DRY, RECOVERED 10 BBLS LOAD WATER. SWABBED FOR 2 HRS, RECOVERED NO FLUID. HAD A LIGHT CONTINUOUS SHOW OF GAS. 5 BBLS LOAD WATER LEFT TO RECOVER. SION

Daily cost \$2,726 cum. cost \$296,487

12/3/98

THIS A.M. SITP 440#, OPENED WELL TO TANK ON 16/64" CHOKE. PSI DROPPED TO 0# IN 15 MIN, RECOVERED NO WATER. RIH W/ SWAB, 600' OF FLUID IN WELL, RECOVERED 2 BBLS WATER. MADE 2ND RUN WELL DRY WITH A LIGHT CONTINUOUS BLOW. RU BJ, FRACED INTERVAL 2990' TO 2994' W/ 5817 GALS VIKING I-25 10,000# 20/40 OTTAWA FRAC SAND. PERFORATIONS BROKE DOWN @ 3990#, AVG FRAC PSI 2600#, AVG RATE 8.4 BPM, ISIP 1950 #, 5 MIN 1833#, 10 MIN 1710# AND 15 MIN 1600#. SHUT WELL IN FOR 2 HRS, SITP 320#, 138 BBLS LOAD WATER TO RECOVER. OPENED TO TANK FOR 30 MIN. ON 24/64" CHOKE, FTP DROPPED TO 0#. FLOWED WELL ON 2" CHOKE FOR 2 1/2 HRS, RECOVERED 20 BBLS LOAD WATER, WELL DEAD. R/U SWAB. SWABBED 1 HR & RECOVERED 18 BBLS LOAD WATER WITH A SHOW OF GAS AT END OF EACH SWAB RUN. FLUID LEVEL HOLDING @ 2200'. RECOVERED TOTAL OF 38 BBLS LOAD WATER, 100 BBLS LEFT TO RECOVER. SION

Daily cost \$2,726 cum. cost \$296,487



12/4/98

THIS A.M. SITP 550#, OPENED WELL TO TANK ON 18/64" CHOKE, WELL BLEW DOWN IN 15 MIN. RECOVERED NO FLUID. RIH W/ SWAB, FLUID LEVEL 1000' FROM SURFACE. MADE 8 SWAB RUNS, WELL SWABBED DRY, RECOVERED 10 BBLs LOAD WATER, W/ A CONTINUOUS SHOW OF GAS. MADE 10 - 30 MIN RUNS, RECOVERED 4 BBLs LOAD WATER. IN 8/64" CHOKE FOR 1 1/2 HRS, FTP BUILT TO 310#, EST. MCF 104. MADE 1 SWAB RUN, 300' OF FLUID IN WELL, RECOVERED 1 BBL. TOTAL FLUID RECOVERED FOR DAY 15 BBLs, TOTAL LOAD WATER RECOVERED 53 BBLs, 85 BBLs LOAD WATER LEFT TO RECOVER. SION

Daily cost \$2,672 cum. cost \$318,142

12/5/98

THIS A.M. SITP 1160#, OPENED WELL TO TANK ON 18/64" CHOKE FOR 3 HRS. FTP STABLE @ 63#, EST. MCF 109, RECOVERED NO FLUID. PULLED CHOKE, OPENED TO TANK, WELL UNLOADED 2 BBLs LOAD WATER. MADE SWAB RUN, RECOVERED NO FLUID. PUT 8/64" CHOKE IN, FLOWED FOR 4 HRS, FTP 660#. EST. MCF 221, RECOVERED NO LOAD WATER. IN 14/64" CHOKE FOR 1 HR, FTP 140#, NO FLUID, EST. MCF 146. TOTAL FLUID RECOVERED FOR DAY, 2 BBLs. TOTAL LOAD WATER RECOVERED 55 BBLs, 83 BBLs LEFT TO RECOVER. SION

Daily cost \$2,672 cum. cost \$318,142

12/6/98

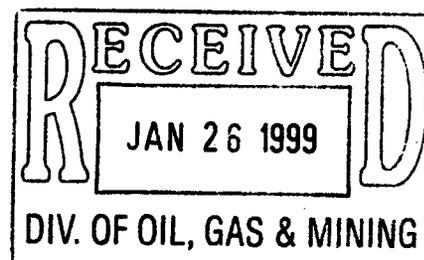
THIS A.M. SITP 920#, OPENED WELL TO TANK ON 16/64" CHOKE FOR 3 HRS. FTP 100#, EST. MCF 173, RECOVERED NO FLUID. OPENED WELL TO TANK WIDE OPEN, WELL UNLOADED 2 BBLs LOAD WATER. IN 14/64" CHOKE FOR 1 HR. STABLE FTP 150#, EST. MCF 156. IN 12/64" CHOKE FOR 1 HR, STABLE FTP 185#, EST. MCF 141. OPENED WELL TO PIT, BLEW DOWN, RECOVERED NO FLUID. MADE SWAB RUN, RECOVERED 1 BBL LOAD WATER. IN 12/64" CHOKE FOR 1 HR, FTP BUILT TO 195#, EST. MCF 148. TOTAL LOAD WATER RECOVERED TODAY 3 BBLs. TOTAL LOAD WATER RECOVERED 58 BBLs, 80 BBLs LTR. SHUT IN TILL MONDAY.

Daily cost \$2,228 cum. cost \$323,006

12/8/98

THIS A.M. SITP 1030#, OPENED WELL TO TANK ON 18/64" CHOKE FOR 3 1/2 HRS. RECOVERED NO FLUID, EST. MCF 182. PULLED CHOKE, OPEN TO TANK, WELL UNLOADED 2 BBLs LOAD WATER. MADE SWAB RUN, RECOVERED NO FLUID. PUT BACK TO TANK ON 18/64" CHOKE FOR 1 HR, FTP BUILT TO 105#. RECOVERED TOTAL OF 2 BBLs LOAD WATER, TOTAL LOAD WATER RECOVERED 60 BBLs, 78 BBLs LTR. SHUT WELL IN. RACKED OUT ALL EQUIPMENT, RIGGED DOWN COMPLETION RIG. SHUT DOWN FOR DAY, TOMORROW WILL MOVE TO HANGING ROCK # 35-15.

Daily cost \$3,898 cum. cost \$326,904



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.  
UTU-57455

6. If Indian, Allottee or Tribe Name  
NA

7. If Unit or CA, Agreement Designation  
HANGING ROCK

8. Well Name and No.  
HANGING ROCK I #1-4

9. API Well No.  
43-047-32855

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH CO., UTAH

**SUBMIT IN TRIPLICATE**

**CONFIDENTIAL**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

ROSEWOOD RESOURCES, INC.

3. Address and Telephone No.

P.O. Box 1668, Vernal, UT 435-789-0414

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

NW/NW SECTION 1, T12S, R23E

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

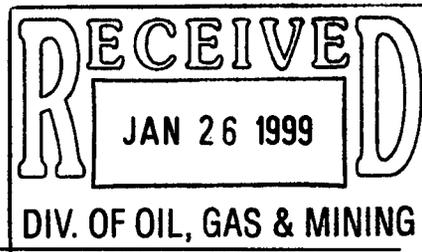
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)\*

Operator reports the above referenced well was placed on production on 12/15/98 @ 3:00 p.m.

Initial 24 hr production 12/19/98: 245 MCF/D; 0 bbls. Condensate; 2 bbls. Water  
20/64" choke. FITP 200#, SICP 1600#.

Future production will be reported monthly on the MMS-3160 form.



COPIES: ORIG. & 2-BLM; DIV. OG&M; J MCQUILLEN

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

Signed

*Lucy Nissen*

Title Administrative Assistant

Date 01/21/99

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

**RECEIVED**  
 FORM 3160-4  
 July 1993  
**JAN 26 1999**

**CONFIDENTIAL**

SUBMIT IN DUPLICATE\*  
 (See other instructions on reverse side)

FORM APPROVED  
 OMB NO. 1004-0137  
 Expires: February 28, 1995

**UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT**  
**DIV. OF OIL, GAS & MINING**

5. LEASE DESIGNATION AND SERIAL NO.

**UTU-57455**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

1a. TYPE OF WORK

WELL  GAS WELL  DRY  Other \_\_\_\_\_

1b. TYPE OF WELL

NEW WELL  WORK OVER  DEEP EN  FLOOR BACK  DIFF RESVR.  Other \_\_\_\_\_

7. UNIT AGREEMENT NAME

**HANGING ROCK**

8. FARM OR LEASE NAME, WELL NO.

**HANGING ROCK I #1-4**

2. NAME OF OPERATOR

**ROSEWOOD RESOURCES, INC.**

9. API WELL NO.

**43-047-33855**

3. ADDRESS AND TELEPHONE NO.

**P.O. BOX 1668, VERNAL, UT 84078 435-789-0414**

10. FIELD AND POOL OR WILDCAT

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

At Surface **1198 (Survey plot + Lucy)**  
**1231 FWL, 1980' FNL NW/NW**

**CONFIDENTIAL PERIOD EXPIRED ON 1-14-2000**

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

**SEC. 1, T12S, R23E**

**Block & Survey: S.L.B. & M**

At total depth

14. PERMIT NO.  
**808-7M-160**

DATE ISSUED  
**5/7/97**

12. COUNTY OR PARISH  
**UINTAH**

13. STATE  
**UTAH**

15. DATE SPUDDED  
**5/25/98**

16. DATE T.D. REACHED  
**6/2/98**

17. DATE COMPL. (Ready to prod.)  
**12/15/98**

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*  
**5818' GR**

19. ELEV. CASINGHEAD  
**5833' KB**

20. TOTAL DEPTH, MD & TVD

**4500'** MD TVD

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

**4438'** TD Plug @ 3983'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

----->

ROTARY TOOLS

**510' - 4500'**

CABLE TOOLS

**NA**

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

**Wasatch 2990' - 94'**

25. WAS DIRECTIONAL SURVEY MADE

**NO**

26. TYPE ELECTRIC AND OTHER LOGS RUN

**AI/LC/GR, CNLD/GR, MUD LOG, CBL 6-10-98**

27. WAS WELL CORED

**NO**

**CASING RECORD (Report all strings set in well)**

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8" J-55	36#	501' Kb	12 1/4"	SURF-300 sx "G" Neat	NONE
4-1/2" J-55	11.6#	4491'KB	7 7/8"	SURF -'Lead w/250 SKS PREM, Tail w/300 sx "G"	

**29. LINER RECORD**

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

**30. TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	# 2916'	2908'

**31. PERFORATION RECORD (Interval, size and number)**

INTERVAL	SIZE	NUMBER
4208' - 20'	0.46	48
4136' - 40'	0.46	16
4058' - 62'	0.46	16
4040' - 45'	0.46	20
2990' - 94'	0.46	16

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2990' - 2994'	Frac w/5817 gals Viking 1-25 + 10,000# 20/40 sd.

DATE FIRST PRODUCTION  
**12/15/98**

PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)  
**Flowing**

WELL STATUS (Producing or shut-in)  
**Prod**

DATE OF TEST  
**12/19/98**

HOURS TESTED  
**24**

CHOKE SIZE  
**20/64**

PROD'N FOR TEST PERIOD  
**→**

OIL-BBLS.  
**0**

GAS-MCF.  
**245**

WATER-BBL.  
**# 2**

GAS-OIL RATIO

FLOW. TUBING PRESS.  
**200#**

CASING PRESSURE  
**1600#**

CALCULATED 24-HOUR RATE  
**→**

OIL-BBL.  
**0**

GAS-MCF.  
**245**

WATER-BBL.  
**2**

OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
**SALES/FUEL**

TEST WITNESSED BY  
**Ivan Sadlier**

35. LIST OF ATTACHMENTS

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

SIGNED

*Lucy Nemes*

TITLE

**ADMINISTRATIVE ASSISTANT**

DATE

**1/23/99**

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

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.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TOP	
				MEAS. DEPTH	TRUE VERT. DEPTH
				2521'	
				4103'	

38. GEOLOGIC MARKERS

NAME  
 WASATCH  
 MESA VERDE

**RECEIVED**  
 JAN 26 1999  
 DIV. OF OIL, GAS & MINING

COPIES: BLM - VERNAL/ORIG. & 2 COPIES; DIV. OG&M - DALLAS 1 COPY;

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW ✓
3. FILE

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

Designation of Agent

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **05-01-2002**

<b>FROM: (Old Operator):</b>	<b>TO: ( New Operator):</b>
ROSEWOOD RESOURCES INC	MCELVAIN OIL & GAS PROPERTIES INC
Address: P O BOX 1668	Address: 1050 17TH STREET, STE 1800
VERNAL, UT 84078	DENVER, CO 80265-1801
Phone: 1-(435)-789-0414	Phone: 1-(303)-893-0933
Account No. N7510	Account No. N2100

CA No. Unit:

WELL(S)	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
ROSEWOOD FEDERAL 28-8	19-11S-22E	43-047-32840	12442	FEDERAL	GW	P
ROSEWOOD FEDERAL H 22-16	22-11S-23E	43-047-33186	12558	FEDERAL	GW	TA
ROSEWOOD 5-6	05-12S-22E	43-047-33132	12450	FEDERAL	GW	P
HANGING ROCK FEDERAL I 1-4	01-12S-23E	43-047-32855	12389	FEDERAL	GW	P
HANGING ROCK FEDERAL I 10-13	10-12S-23E	43-047-33098	12429	FEDERAL	GW	S
HANGING ROCK FEDERAL I 12-12	12-12S-23E	43-047-33096	12427	FEDERAL	GW	S
HANGING ROCK I 12-9	12-12S-23E	43-047-33101	12396	FEDERAL	GW	S
HANGING ROCK I 15-7	15-12S-23E	43-047-33099	12428	FEDERAL	GW	S
TOBY FEDERAL F 6-15	06-12S-24E	43-047-32757	12037	FEDERAL	GW	P
TUCKER FEDERAL F 8-2	08-12S-24E	43-047-32993	12386	FEDERAL	GW	P
TUCKER FEDERAL F 8-4	08-12S-24E	43-047-32872	12125	FEDERAL	GW	P
CENTER FORK FEDERAL 17-4	17-12S-24E	43-047-32750	12038	FEDERAL	GW	S

**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: 04/29/2002
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 04/29/2002
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 07/03/2002
- Is the new operator registered in the State of Utah: YES Business Number: 5078926-0143
- If **NO**, the operator was contacted on: N/A
- (R649-9-2) Waste Management Plan received on: IN PLACE
- 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: 06/18/2002

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**7. Federal and Indian Units:**

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

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**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

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**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

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**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 07/05/2002
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/05/2002
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

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

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

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

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

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

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

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**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

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**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

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**COMMENTS:**

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

See Attached

**SUNDRY NOTICES AND REPORTS ON WELLS**

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.

1. TYPE OF WELL      OIL WELL       GAS WELL       OTHER \_\_\_\_\_

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

2. NAME OF OPERATOR:  
MCELVAIN OIL & GAS PROPERTIES, INC.

8. WELL NAME and NUMBER:

9. API NUMBER:

3. ADDRESS OF OPERATOR:  
1050 17th Street      CITY Denver      STATE CO      ZIP 80265

PHONE NUMBER:  
(303) 893-0933

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:      **UTAH**

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	UNITAH	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

Vernal Field Office

170 South 500 East

Vernal, Utah 84078-2799

<http://www.blm.gov/utah/vernal>

Phone: (435) 781-4400

Fax: (435) 781-4410

IN REPLY REFER TO:

3162.3

UT08300

June 24, 2002

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

Re: Well No. Hanging Rock I 1-4  
NWNW, Sec. 1, T12S, R23E  
Uintah County, Utah  
Lease No. UTU-57455

Gentlemen:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, McElvain O&G Properties, Inc. is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT1268, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Leslie Walker or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Edwin I. Forsman  
Petroleum Engineer

cc: UDOGM – Jim Thompson  
Rosewood Resources

**RECEIVED**  
JUL 01 2002  
DIVISION OF  
OIL, GAS AND MINING

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.*

<b>SUBMIT IN TRIPLICATE - Other instructions on reverse side</b>		5. Lease Serial No. UTU-57455
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator <b>McElvain Oil &amp; Gas Properties, Inc.</b>		7. If Unit or CA/Agreement, Name and/or No.
3a. Address <b>1050 17th Street #1800 Denver, CO 80265</b>	3b. Phone No. (include area code) <b>303-893-0933</b>	8. Well Name and No. Hanging Rock Fed I 1-4
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  1198" FNL 1231' FWL NW/NW Sec. 1 T12S R23E		9. API Well No. 43-047-32855
		10. Field and Pool, or Exploratory Area Oil Springs
		11. County or Parish, State Uintah, 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 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 Remove Production
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Packer and re-land tubing
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	at top of existing perms

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 recompleate 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 recompleation 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.)

McElvain Oil & Gas Properties plans to remove the retrievable production packer currently landed @ 2,914' KB. The well will also be checked for sand fill, and cleaned out with foam if necessary. The 2.375" production tubing will be rerun without the packer and landed just above the top existing Wasatch perforation at 2,990' KB. The well will then be swabbed in and returned to production. A foam injection pump may eventually be installed to facilitate liquid unloading from the well.

The work is anticipated to begin in late September 2004 and require approximately 2 days of rig time if no clean out is required.

**RECEIVED**  
**SEP 03 2004**

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR

Date: 9-7-04  
Initials: CHD

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

Name (Printed/Typed) <b>E. Reed Fischer</b>	Title Operations Engineer
Signature 	Date September 1, 2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title <b>Accepted by the Utah Division of Oil, Gas and Mining</b>	Date <u>9/3/04</u>	Federal Approval Of This Action Is Necessary
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.			
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.			

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.*

5. Lease Serial No.  
UTU-57455

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
Hanging Rock Fed I 1-4

9. API Well No.  
43-047-32855

10. Field and Pool, or Exploratory Area  
Oil Springs

11. County or Parish, State  
Uintah, 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 Street #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)  
**1198" FNL 1231' FWL NW/NW Sec. 1 T12S R23E**

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="radio"/> 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="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>Removed Packer</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Place the well on plunger</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<u>Unload accumulated water</u>

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 recompleate 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 recompleation 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.)

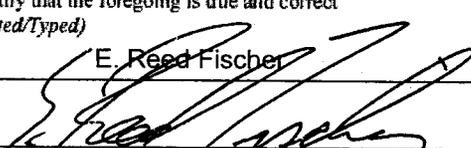
McElvain Oil & Gas Properties moved a rig on the well on 9/24/04. The production packer, which had been in the well since the original completion in December of 1998, was pulled and the tubing was subsequently relanded at 2988 (2' above perforations from 2990 - 94). The well was swab tested prior to release of the rig.

The well has been placed on plunger lift. McElvain Oil & Gas is attempting to unload water from the well utilizing plunger lift, and the well is swabbed when necessary. Following adequate liquid removal from the productive zone, gas sales will resume (estimated resumption of sales by mid November 2004). Waste water is stored in a tank on location, and trucked to an approved disposal facilities.

**RECEIVED**  
**OCT 26 2004**

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

Name (Printed/Typed) **E. Reed Fischer** Title **Operations Engineer**

Signature  Date **October 22, 2004**

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

**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 reverse)

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**ROUTING**  
 1. CDW

Change of Operator (Well Sold)

**X - Operator Name Change**

The operator of the well(s) listed below has changed, effective:

**8/11/2011**

<b>FROM:</b> (Old Operator): N2100-McElvain Oil & Gas Properties, Inc. 1050 17th Street, Suite 2500 Denver, CO 80265 Phone: 1 (303) 893-0933	<b>TO:</b> ( New Operator): N3795-McElvain Energy, Inc. 1050 17th Street, Suite 2500 Denver, CO 80265 Phone: 1 (303) 893-0933
--	---

CA No.			Unit:					
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
<b>SEE ATTACHED LIST - 13 Wells</b>								

**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: 8/30/2011
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/30/2011
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/30/2011
- Is the new operator registered in the State of Utah: \_\_\_\_\_ Business Number: 8078926-0143
- (R649-9-2)Waste Management Plan has been received on: \_\_\_\_\_
- 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
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 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:**

- Changes entered in the **Oil and Gas Database** on: 8/31/2011
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/31/2011
- 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: 8/30/2011

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: COB000010
- Indian well(s) covered by Bond Number: n/a
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (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:**

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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.

		5. LEASE DESIGNATION AND SERIAL NUMBER:
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>SEE ATTACHED LIST</b>
2. NAME OF OPERATOR: <b>McElvain Oil &amp; Gas Properties, Inc.</b> <span style="margin-left: 100px;"><i>N2100</i></span>		9. API NUMBER:
3. ADDRESS OF OPERATOR: 1050 17th St, Suite 2500 CITY Denver STATE CO ZIP 80265		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 type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____	<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 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"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<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. has changed it's name to McElvain Energy, Inc. Effective August 11, 2011.  
This is ONLY a name change.

*N3795*

Our BLM Bond # is COB - 000010

Attached is a well list.

NAME (PLEASE PRINT) <u>Deborah Powell</u>	TITLE <u>Eng Tech Manager</u>
SIGNATURE <u><i>Deborah Powell</i></u>	DATE <u>8/29/2011</u>

(This space for State use only)  
**APPROVED** 8/31/2011  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician (See Instructions on Reverse Side)

**RECEIVED**  
**AUG 30 2011**  
DIV. OF OIL, GAS & MINING

well_name	sec	twp	rng	api	entity	lease	well	stat	l_num
CENTER FORK F 17-4	17	120S	240E	4304732750	12038	Federal	GW	S	UTU-75206
TOBY FEDERAL F 6-15	06	120S	240E	4304732757	12037	Federal	GW	P	UTU-08424A
ROSEWOOD FED 28-8	28	110S	220E	4304732840	12442	Federal	GW	S	UTU-65355
HANGING ROCK FED I 1-4	01	120S	230E	4304732855	12389	Federal	GW	S	UTU-57455
TUCKER FEDERAL F 8-4	08	120S	240E	4304732872	12125	Federal	GW	P	UTU-70239
TUCKER FEDERAL F 8-2	08	120S	240E	4304732993	12386	Federal	GW	P	UTU-70239
TUCKER FED 8-12	08	120S	240E	4304734729	13740	Federal	GW	S	UTU-70239
HANGING ROCK FED 11-9	11	120S	230E	4304734730	14017	Federal	GW	P	UTU-57455
HANGING ROCK 1-8	01	120S	230E	4304736042	15514	Federal	GW	P	UTU-57455
TUCKER FED 8-6	08	120S	240E	4304736837	15513	Federal	GW	P	UTU-70239
TUCKER FED 8-10	08	120S	240E	4304739187	16399	Federal	GW	S	UTU-70239
HANGING ROCK FED 1-2	01	120S	230E	4304739430	16400	Federal	GW	S	UTU-57455
ATCHEE WASH 33-9	33	100S	230E	4304740631		Federal	OW	APD	UTU-73451

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

ROUTING  
 CDW

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

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **8/1/2014**

<b>FROM:</b> (Old Operator): McElvain Energy, Inc. N3795 1050 17th Street, Suite 2500 Denver, CO 80265 303-893-0933	<b>TO:</b> ( New Operator): Onshore Royalties, LLC N4140 P.O. Box 2326 Victoria, TX 77902 361-570-1600
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WELL NAME	CA No.	SEC	TWN	RNG	API NO	Unit:	Haning Rock	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List											

**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: 8/14/2014
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/14/2014
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/15/2014
- Is the new operator registered in the State of Utah: \_\_\_\_\_ Business Number: 9116573-0161
- (R649-9-2)Waste Management Plan has been received on: N/A
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 8/15/2014
- 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
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** 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:**

- Changes entered in the **Oil and Gas Database** on: 9/15/2014
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/15/2014
- 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: N/A
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB000644
- Indian well(s) covered by Bond Number: N/A
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number N/A
- The **FORMER** operator has requested a release of liability from their bond on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** 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:**

McElvain Energy, Inc N3795 to Onshore Royalties, LLC. N4140  
 Effective 8/1/2014

Well Name	Section	TWN	RNG	API Number	Entity	Mineral Lease	Well Type	Well Status	Unit
HANGING ROCK FEDERAL 24-13	24	110S	230E	4304732603	11723	Federal	GW	P	HANGING ROCK
HANGING ROCK FEDERAL I 1-16	1	120S	230E	4304732679	11889	Federal	GW	P	HANGING ROCK
HANGING ROCK FEDERAL I 12-4	12	120S	230E	4304732748	11889	Federal	GW	P	HANGING ROCK
HANGING ROCK FEDERAL F 7-6	7	120S	240E	4304732751	11889	Federal	GW	P	HANGING ROCK
TOBY FEDERAL F 6-15	6	120S	240E	4304732757	12037	Federal	GW	P	
HANGING ROCK FEDERAL I 1-14	1	120S	230E	4304732871	11889	Federal	GW	P	HANGING ROCK
TUCKER FEDERAL F 8-4	8	120S	240E	4304732872	12125	Federal	GW	P	
HANGING ROCK I 11-8	11	120S	230E	4304732935	12306	Federal	GW	P	HANGING ROCK
HANGING ROCK F 7-10	7	120S	240E	4304733100	12400	Federal	GW	P	HANGING ROCK
HANGING ROCK FED 11-9	11	120S	230E	4304734730	14017	Federal	GW	P	
HANGING ROCK I-8	1	120S	230E	4304736042	15514	Federal	GW	P	
TUCKER FED 8-6	8	120S	240E	4304736837	15513	Federal	GW	P	
CENTER FORK F 17-4	17	120S	240E	4304732750	12038	Federal	GW	S	
ROSEWOOD FED 28-8	28	110S	220E	4304732840	12442	Federal	GW	S	
HANGING ROCK FED I 1-4	1	120S	230E	4304732855	12389	Federal	GW	S	
HANGING ROCK FED F 7-8	7	120S	240E	4304732937	12305	Federal	GW	S	HANGING ROCK
TUCKER FEDERAL F 8-2	8	120S	240E	4304732993	12386	Federal	GW	S	
TUCKER FED 8-12	8	120S	240E	4304734729	13740	Federal	GW	S	
HANGING ROCK FED 7-2	7	120S	240E	4304735084	14019	Federal	GW	S	HANGING ROCK
TUCKER FED 8-10	8	120S	240E	4304739187	16399	Federal	GW	S	
HANGING ROCK FED 1-2	1	120S	230E	4304739430	16400	Federal	GW	S	

RECEIVED

AUG 14 2014

FORM 9

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

SUNDRY NOTICES AND REPORTS ON WELLS

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.

1. TYPE OF WELL OIL WELL  GAS WELL  OTHER \_\_\_\_\_  
8. WELL NAME and NUMBER: Attached

2. NAME OF OPERATOR: McElvain Energy, Inc. N3795  
9. API NUMBER:

3. ADDRESS OF OPERATOR: 1050 17th St, Suite 2500 CITY Denver STATE CO ZIP 80265 PHONE NUMBER:  
10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: COUNTY:  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: 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 (Submit in Duplicate) Approximate date work will start: _____	<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 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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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 Energy, Inc. current operator of the attached wells, has sold all wells on the attached list to:

Onshore Royalties, LLC  
P.O. Box 2326  
Victoria, TX 77902

N4140

Utah Operator # N4140  
Effective 8/1/2014

McElvain Energy, Inc.

*Steven W. Shefte*

Steven W. Shefte  
Vice President -COO

Onshore Royalties, LLC.

*Michael Hahn*

Michael Hahn  
Operations Manager

BLM Bond: UTB000644

NAME (PLEASE PRINT) Deborah Powell

TITLE Eng Tech Manager

SIGNATURE *Deborah Powell*

DATE 8/13/2014

(This space for State use only)

APPROVED

SEP 15 2014

DIV. OIL GAS & MINING  
BY: *Rachel Medina*

State of Utah  
 Department of Natural Resources  
 Division of Oil, Gas & Mining

Change of Operator From McElvain Energy, LLC (N3795)  
 To: Onshore Royalties, LLC (N4140)

Well Name	API	Legal	Status	Well Type	Utah ID	BLM ID
Center Fork F 17-4	43-047-32750	T12S R24E Sec 17 NWNW	S	GW	12038	UTU75206
Hanging Rock Fed 11-9	43-047-34730	T12S R23E Sec 11 NESE	P	GW	14017	UTU57455
Hanging Rock Fed 1-2	43-047-39430	T12S R23E Sec 1 NWNE	S	GW	16400	UTU57455
Hanging Rock Fed 1-8	43-047-36042	T12S R23E Sec 1 SENE	P	GW	15514	UTU57455
Hanging Rock Fed 7-2	43-047-35084	T12S R24E Sec 7 NWNE	S	GW	14019	UTU73518B
Hanging Rock Fed I 1-14	43-047-32871	T12S R23E Sec 1 SESW	P	GW	11889	UTU73518B
Hanging Rock Fed 24-13	43-047-32603	T11S R23E Sec 24 SWSW	P	GW	11723	UTU73518A
Hanging Rock Fed 7-6	43-047-32751	T12S R24E Sec 7 SENW	P	GW	11889	UTU73518B
Hanging Rock Fed 7-8	43-047-32937	T12S R24E Sec 7 SENE	S	GW	12305	UTU73518B
Hanging Rock Fed F 7-10	43-047-33100	T12S R24E Sec 7 NWSE	P	GW	12400	UTU73518B
Hanging Rock Fed I 1-16	43-047-32679	T12S R23E Sec 1 SESE	P	GW	11889	UTU73518B
Hanging Rock Fed I 11-8	43-047-32935	T12S R23E Sec 11 SENE	P	GW	12306	UTU73518B
Hanging Rock Fed I 1-4	43-047-32855	T12S R23E Sec 1 NWNW	S	GW	12389	UTU57455
Hanging Rock Fed I-12-4	43-047-32748	T12S R23E Sec 12 NWNW	P	GW	11889	UTU73518B
Rosewood Fed 28-8	43-047-32840	T11S R22E Sec 28 SENE	S	GW	12442	UTU65355
Toby Federal F 6-15	43-047-32757	T12S R24E Sec 6 SWSE	P	GW	12037	UTU08424A
Tucker Fed 8-10	43-047-39187	T12S R24E Sec 8 NWSE	S	GW	16399	UTU70239
Tucker Fed 8-12	43-047-34729	T12S R24E Sec 8 NWSW	S	GW	13740	UTU70239
Tucker Fed 8-6	43-047-36837	T12S R24E Sec 8 SENW	P	GW	15513	UTU70239
Tucker Fed F 8-2	43-047-32993	T12S R24E Sec 8 NWNE	P	GW	12386	UTU70239
Tucker Fed F 8-4	43-047-32872	T12S R24E Sec 8 NWNW	P	GW	12125	UTU70239