

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  
Rosewood Resources, Inc.

3. ADDRESS OF OPERATOR  
100 Crescent Court, Suite 500, Dallas Tx.75201 214-871-5729

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface  
461' FSL, 564' FWL, SW1/4, SW1/4, Sec. 5, T12S, R24E  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
23.2 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) 461'  
16. NO. OF ACRES IN LEASE 2,160

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2000'  
19. PROPOSED DEPTH 4500'

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6197'

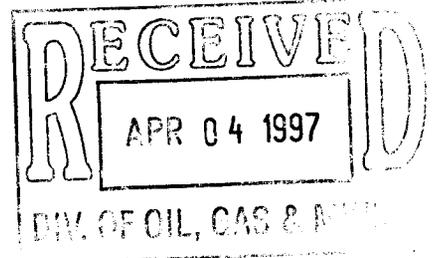
23. PROPOSED CASING AND CEMENTING PROGRAM

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 TITLE PETROLEUM ENGINEER DATE April 1, 1997  
WILLIAM A. RYAN

(This space for Federal or State office use)

PERMIT NO. 43-047-328.76 APPROVAL DATE \_\_\_\_\_

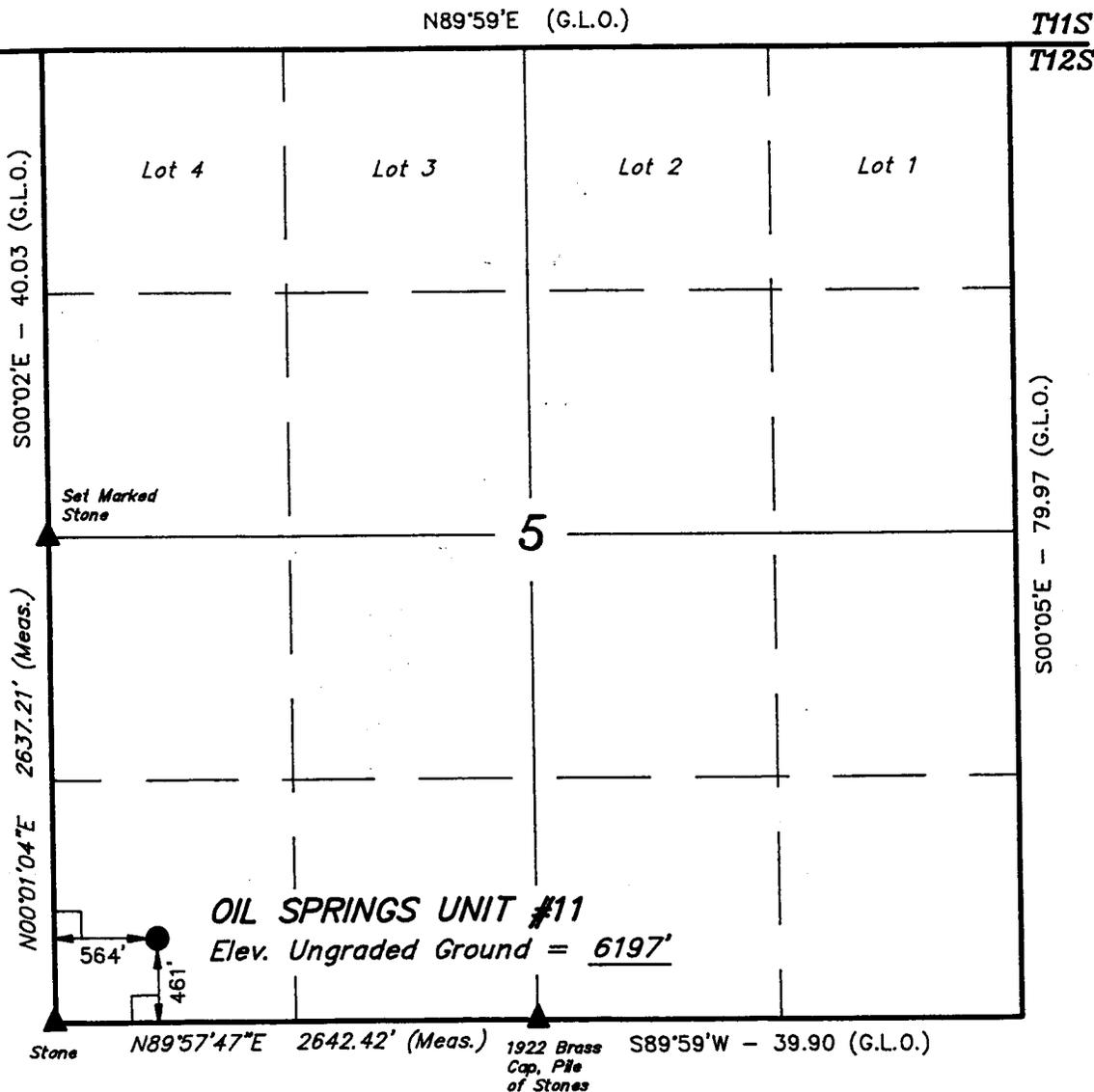
APPROVED BY John R. Baya TITLE Petroleum Engineer DATE 5/6/97  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

# T12S, R24E, S.L.B.&M.

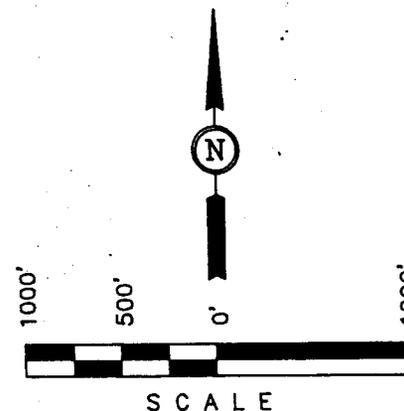
## ROSEWOOD RESOURCES, INC.

Well location, OIL SPRINGS UNIT #11, located as shown in the SW 1/4 SW 1/4 of Section 5, T12S, R24E, S.L.B.&M. Uintah County, Utah.



### BASIS OF ELEVATION

BENCH MARK 88 EAM LOCATED IN THE SW 1/4 OF SECTION 6, T12S, R24E, S.L.B.&M. TAKEN FROM THE ARCHY 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 6066 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.

*[Signature]*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 10109  
 STATE OF UTAH  
 KAY

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

### LEGEND:

- └ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

### NOTE:

BASIS OF BEARINGS IS THE WEST LINE OF SECTION 8, T12S, R24E, S.L.B.&M. WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR N00°03'W.

SCALE 1" = 1000'	DATE SURVEYED: 2-25-97	DATE DRAWN: 2-26-97
PARTY G.G. J.K. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE ROSEWOOD RESOURCES, INC.	

## Ten Point Plan

Rosewood Resources, Inc.

Oil Springs 11  
Oil Springs Unit

Surface Location SW 1/4, SW 1/4, Section 5, T. 12 S., R. 24 E.

### 1. Surface Formation:

Green River

### 2. Estimated Formation Tops and Datum:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Green River	Surface	6,197' G.L.
Oil Shale	500	5,697
Wasatch	2,632	3,565
Mesaverde formation	4,208	1,989
T.D.	4,500	1,697

### 3. Producing Formation Depth:

Formation objective include the Wasatch and Mesaverde and its submembers.

Off Set Well Information:

Off set well:	Gas Well	Oil Spring Unit #5	Sec. 5, T. 12 S., R. 24.E.
	Gas Well	Hanging Rock 7-6	Sec. 7, T. 12 S., R. 24.E.
	Gas Well	Hanging Rock 6-15	Sec. 6, T. 12 S., R. 24.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"	200 sks.	1.18 cu. ft./sk.	15.6 lbs./gal.

2% Calcium  
1/4 #/sk cello flake

<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 3000 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.

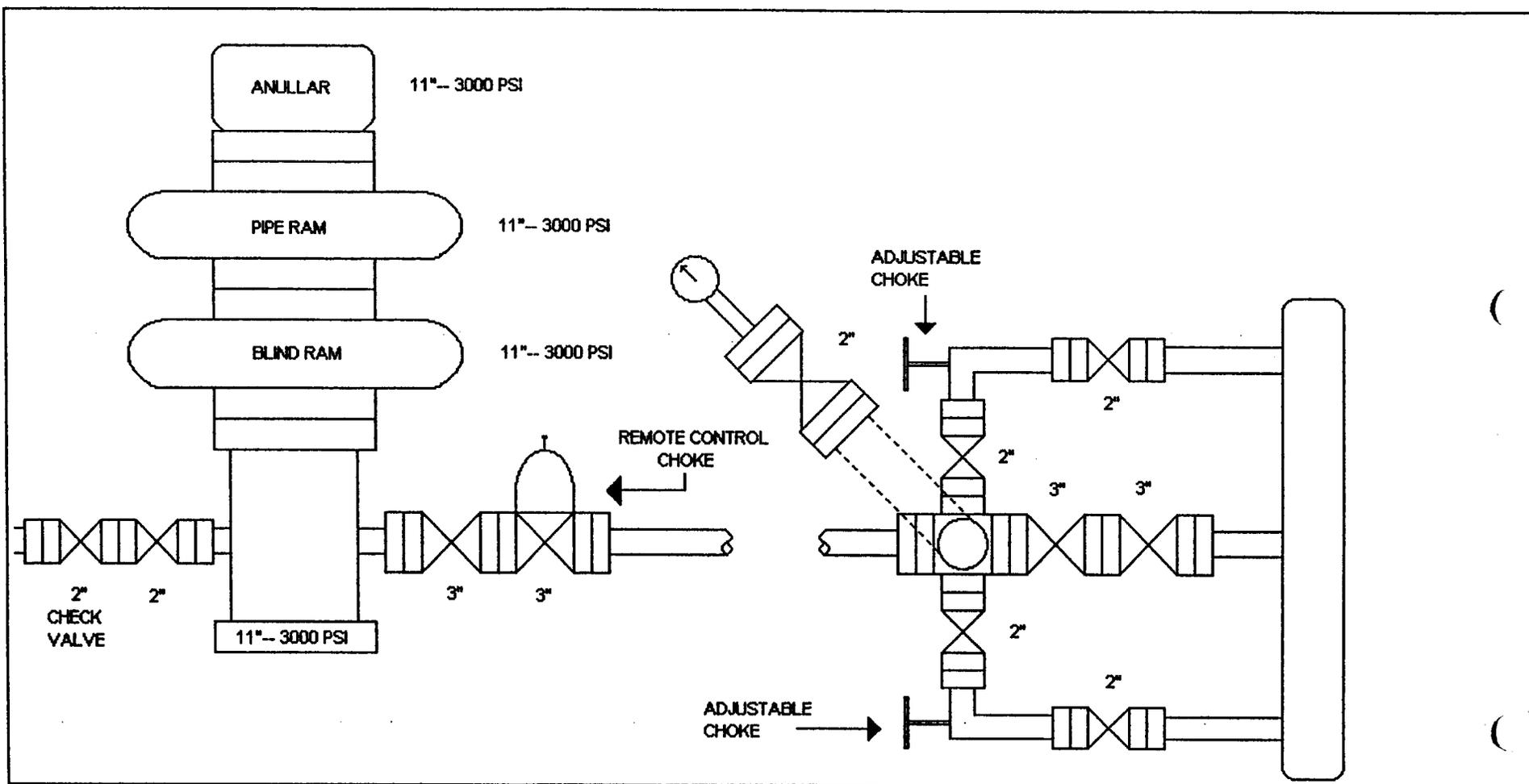
- c) Sampling: Every 10' from 2000' to T.D.
- d) Logging:
- | Type                 | Interval          |
|----------------------|-------------------|
| DLL/SFL W/GR and SP  | T.D. to Surf. Csg |
| FDC/CNL W/GR and CAL | T.D. to Surf. Csg |

**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 May 1, 1997. Duration of operations expected to be 30 days.



**ROSEWOOD RESOURCES, INC.**

**13 POINT SURFACE USE PLAN**

**FOR WELL**

**OIL SPRINGS UNIT 11**

**LOCATED IN**

**SW 1/4, SW 1/4**

**SECTION 5, T. 12 S., R. 24 E., U.S.B.&M.**

**UINTAH COUNTY, UTAH**

**LEASE NUMBER: UTU-08424A**

**SURFACE OWNERSHIP: FEDERAL**

## 1. Existing Roads

To reach the Rosewood Resources, Inc., Oil Springs Unit #11 well location, in Section 5, T 12 S, R 24 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 6.1 miles turn south (left) off the county road. Proceed .2 miles to the access road and location.

All roads to the proposed location are State or County maintained roads except the last .2 miles of road. No right of way will be required the last .2 miles of existing access road are on lease.

Please see the attached map for additional details.

## 2. Planned access road

The proposed location is adjacent to an existing road. No road construction will be required.

Please see the attached location plat for additional details.

No right of way will be required. All surface disturbance for the road and location will be within the Unit boundary.

## 3. Location of existing wells

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

### A) Producing wells

Gas Well	Oil Springs Unit # 5	Sec. 5, T. 12 S., R. 24 E.
Gas Well	Hanging Rock 7-6	Sec. 7, T. 12 S., R. 24 E.
Gas Well	Hanging Rock 6-15	Sec. 6, T. 12 S., R. 24 E.

### 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 Juniper Green.

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, commingling on lease or off lease, of production, will have prior written approval from the authorized officer.

A proposed surface gas line will be constructed and tie into an existing 4" line. The proposed line will be .2 miles long and be constructed adjacent to the access road. Please see the attached location diagrams for pipe line location. There will be no additional surface disturbances required for the installation of a gathering line. The line will be a 2" or 4" steel line.

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 Rosewoods water station in Section 13, T11S, R23E. A second location may be used, it would be Evacuation Creek permit # 49-1595. The Evacuation Creek distribution point is in Section 7, T11S, R25E. 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.**

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	180 ft.
E)	Pit width	50 ft.
F)	Max cut	20.2 ft.
G)	Max fill	11.3 ft.
H)	Total cut yds	8,940 cu. yds.
I)	Pit location	south side
J)	Top soil location	south between 6 and C side
K)	Access road location	east end
L)	Flare pit	south west corner

Please see the attached location diagram for additional details.

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
Location	Federal
Pipe line	Federal

**12. Other information**

**A) Vegetation:**

The vegetation coverage is slight. The majority of the existing vegetation consists of Pinion Pine and Juniper . 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. A copy of that survey will be forwarded to your 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 affect such sites will be suspended and the discovery reported promptly to the surface management agency.

**D) Water:**

The nearest water is the Asphalt Wash located 4 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 west side of the location, between points C and 6 on the location plat. All fluids will be removed from the pit within 48 hours of occurrence.

### 13. 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

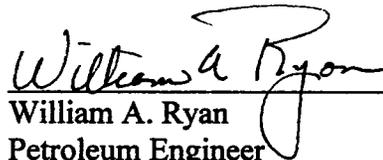
All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, onshore oil and gas orders, the applicable laws, regulations, and any applicable notices to lessees. The operator is fully responsible for the actions of his subcontractors. 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 conditions with this plan and the terms and conditions under which it is approved.

Date April 2, 1997

  
William A. Ryan  
Petroleum Engineer  
Rocky Mountain Consulting

Onsite Date:

March. 19, 1997

Participant on joint inspection:

William Ryan

Rocky Mountain Consulting

Byron Tolman

BLM

Steve Matson

BLM

**SELF-CERTIFICATION STATEMENT**

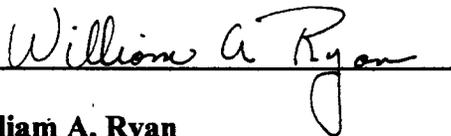
**The following self-certification statement is provided per Federal requirements dated June 15, 1988.**

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

**Oil Spring Unit # 11  
SW 1/4, SW 1/4, Section 5, T. 12 S., R. 24 E.  
Lease UTU-08424A  
Uintah County, Utah**

**Rosewood Resources, 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-0627.**



**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**

### **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

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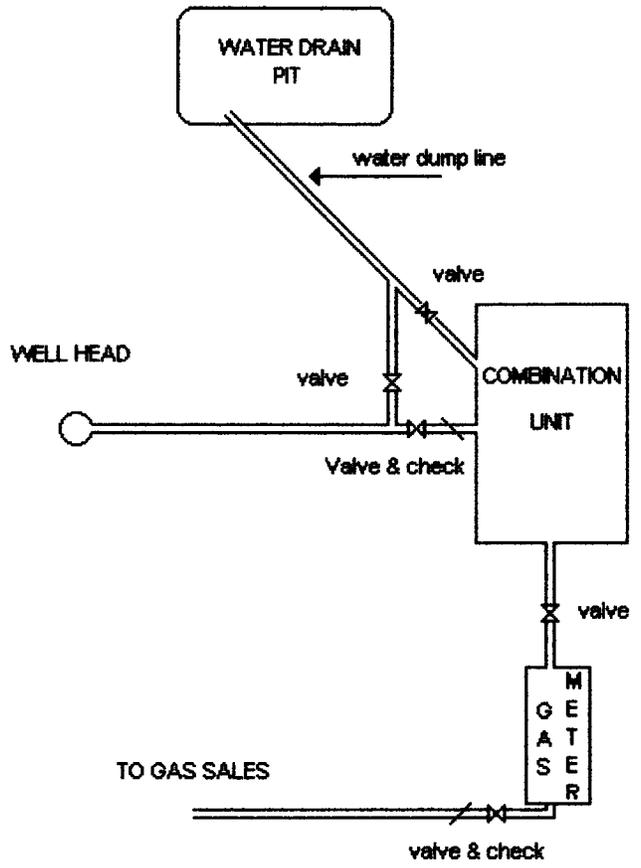
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ROSEWOOD RESOURCES, INC  
TYPICAL  
GAS WELL

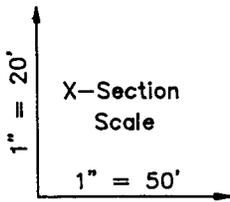
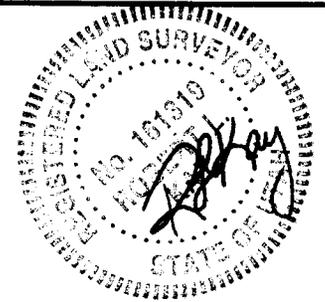




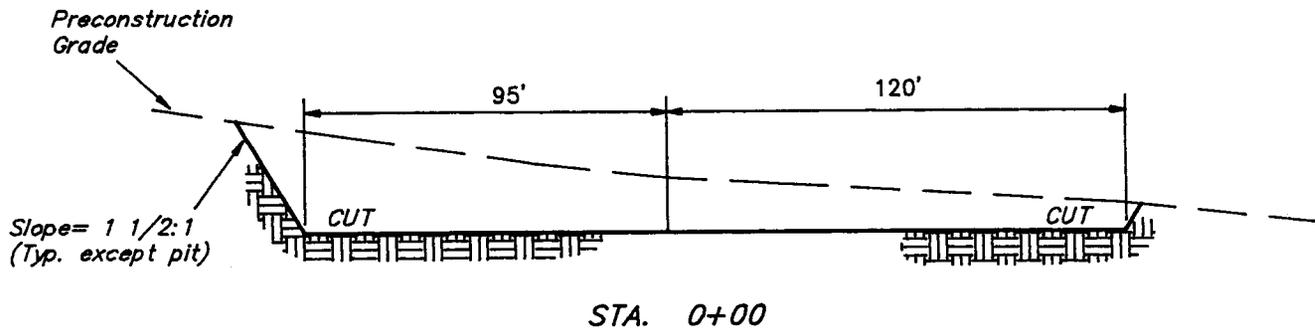
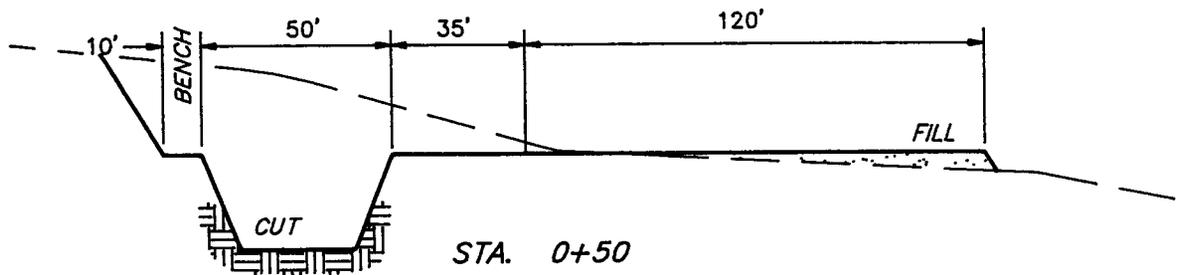
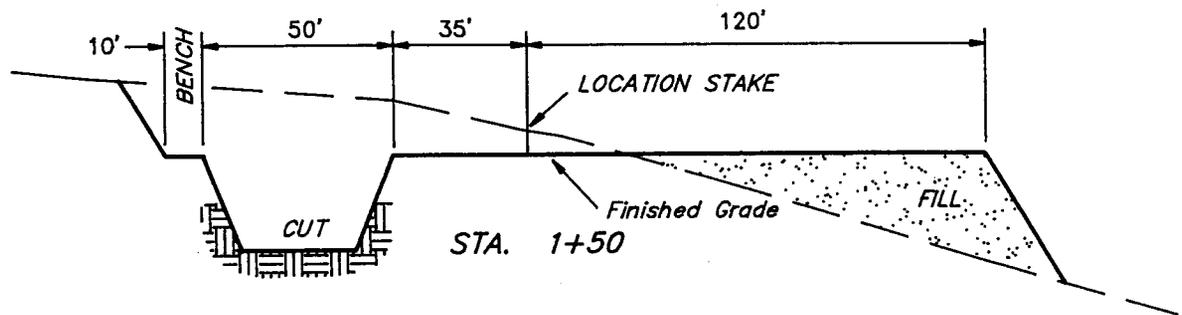
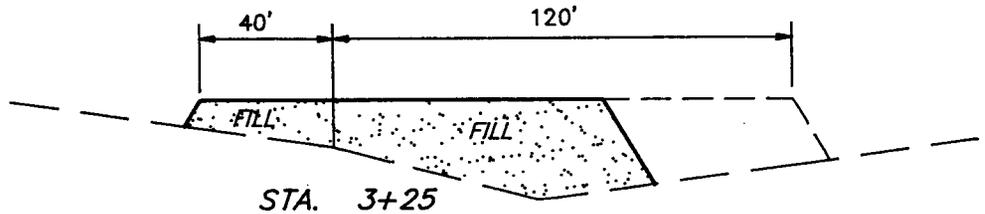
**ROSEWOOD RESOURCES, INC.**

**TYPICAL CROSS SECTIONS FOR**

**OIL SPRINGS UNIT #11  
SECTION 5, T12S, R24E, S.L.B.&M.  
461' FSL 564' FWL**



DATE: 2-25-97  
Drawn By: C.B.T.

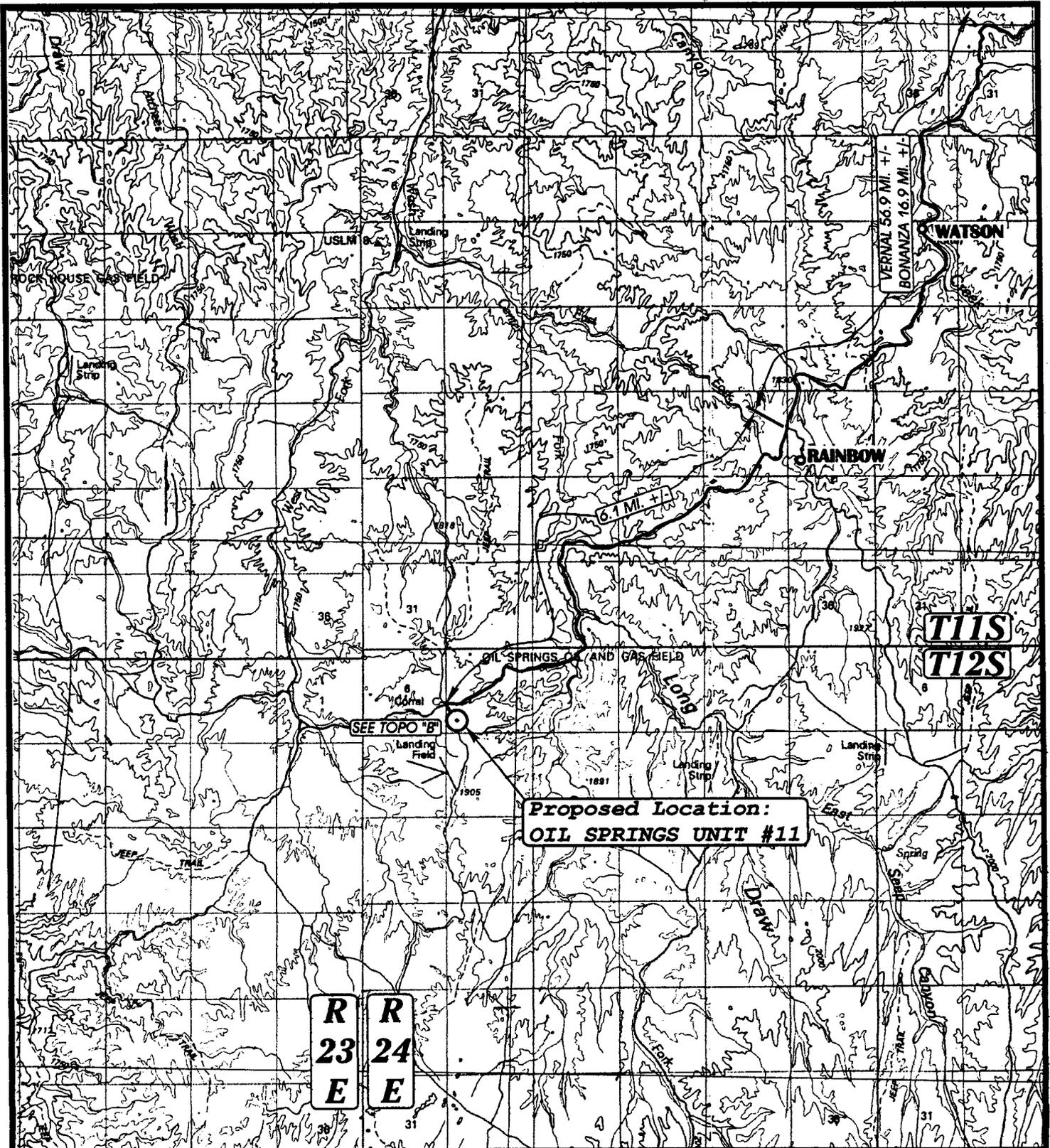


**APPROXIMATE YARDAGES**

(6") Topsoil Stripping	= 1,100 Cu. Yds.
Remaining Location	= 7,840 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 8,940 CU.YDS.</b>
<b>FILL</b>	<b>= 6,250 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 2,360 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,360 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

**UINTAH ENGINEERING & LAND SURVEYING**  
86 So. 200 East \* Vernal, Utah 84078 \* (801) 789-1017



**Proposed Location:  
OIL SPRINGS UNIT #11**

**R 23 E**  
**R 24 E**

**UELS**

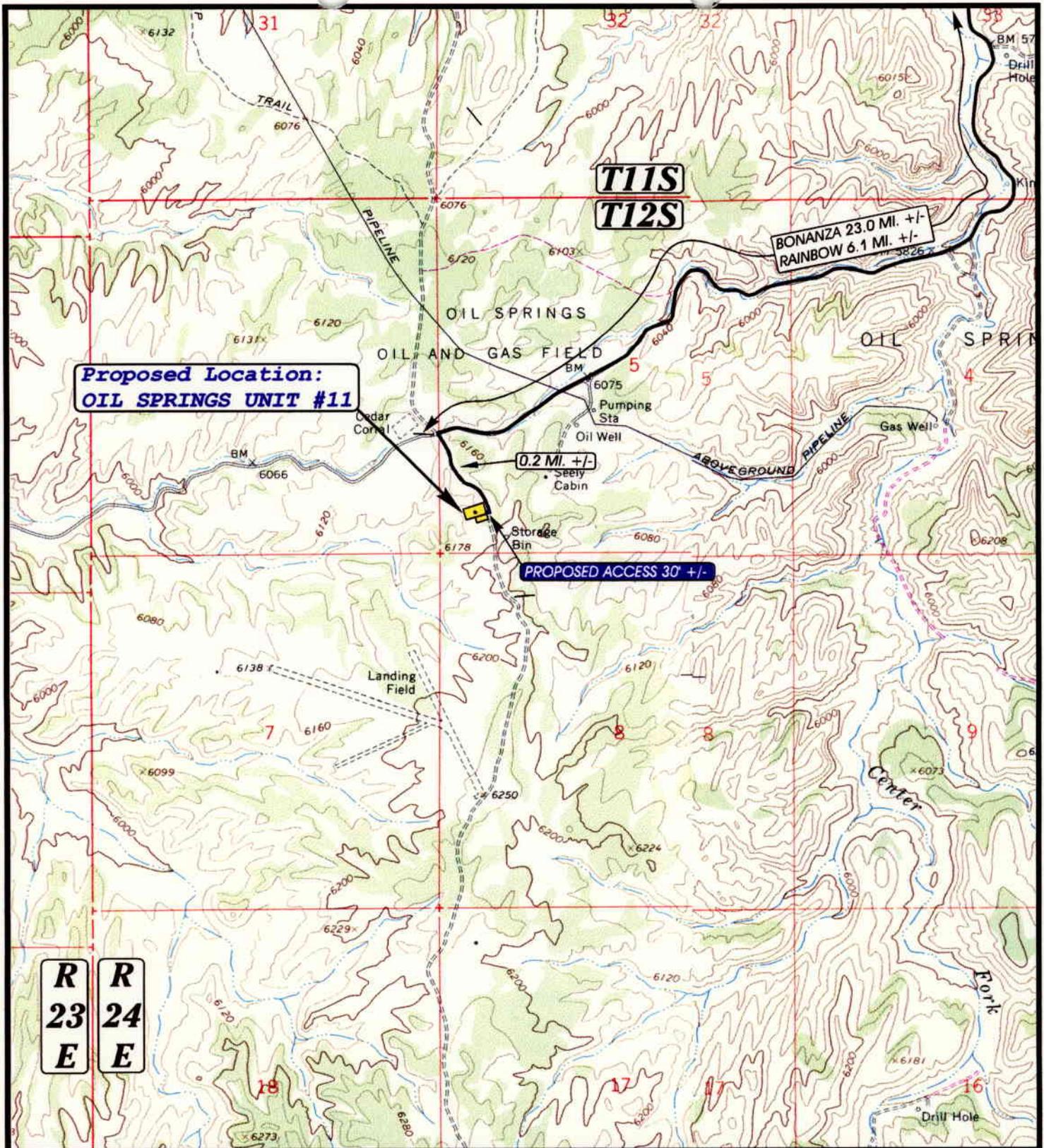
**TOPOGRAPHIC  
MAP "A"**

DATE: 2-27-97  
Drawn by: C.B.T.



**ROSEWOOD RESOURCES, INC.**

OIL SPRINGS UNIT #11  
SECTION 5, T12S, R24E, S.L.B.&M.  
461' FSL 564' FWL



**UELS**

TOPOGRAPHIC  
MAP "B"

DATE: 2-27-97  
Drawn by: C.B.T.

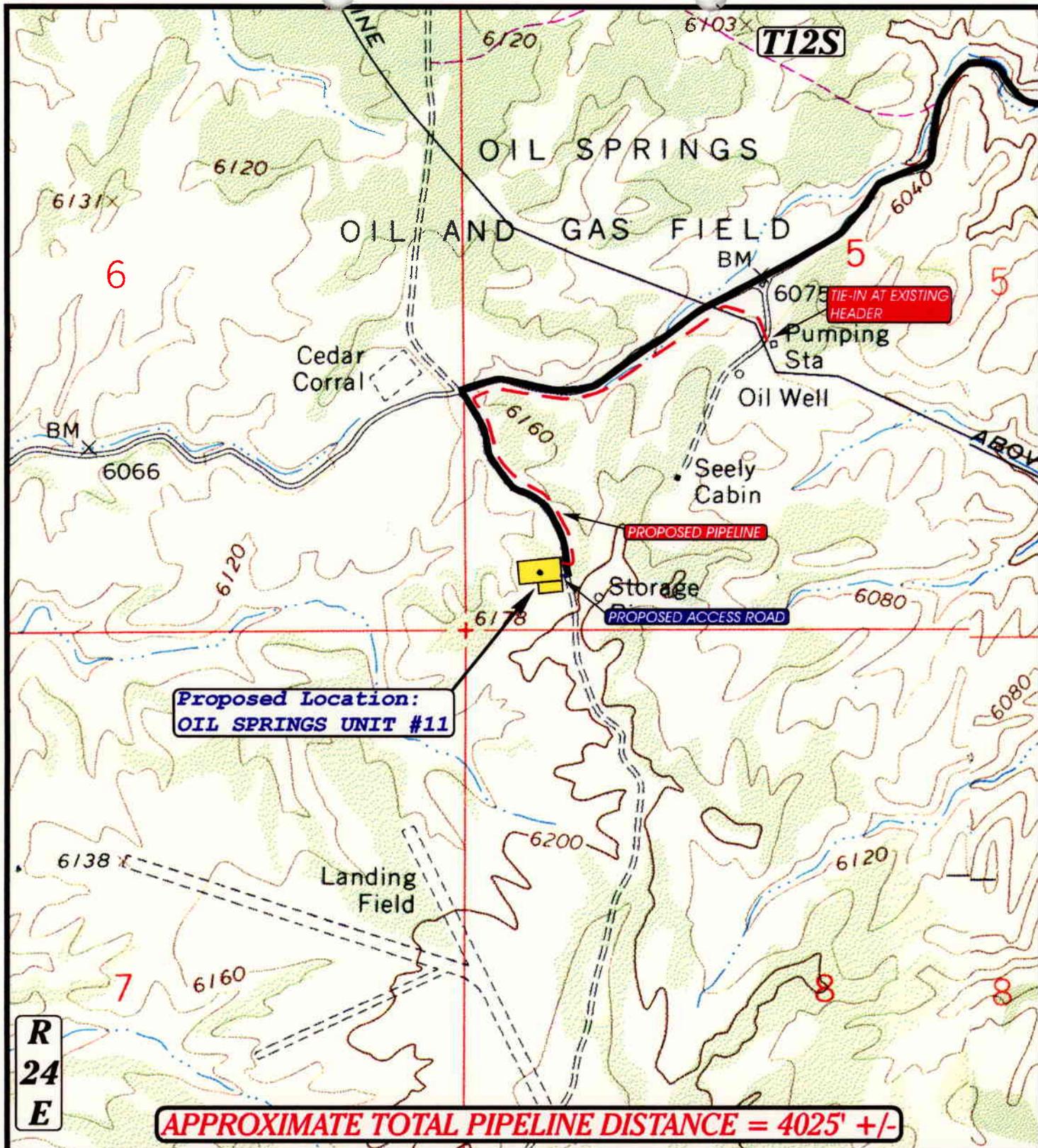


**ROSEWOOD RESOURCES, INC.**

**OIL SPRINGS UNIT #11**  
**SECTION 5, T12S, R24E, S.L.B.&M.**  
**461' FSL 564' FWL**

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

SCALE: 1" = 2000'



**Proposed Location:  
OIL SPRINGS UNIT #11**

**APPROXIMATE TOTAL PIPELINE DISTANCE = 4025' +/-**

**R  
24  
E**

**UELS**

TOPOGRAPHIC  
MAP "C"

- — — Existing Pipeline
- - - Proposed Pipeline



SCALE: 1" = 1000'

**ROSEWOOD RESOURCES, INC.**

**OIL SPRINGS UNIT #11  
SECTION 5, T12S, R24E, S.L.B.&M.**

DATE: 2-27-97  
Drawn by: C.B.T.

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/<sup>04</sup>09/97

API NO. ASSIGNED: 43-047-32876

WELL NAME: OIL SPRINGS #11  
 OPERATOR: ROSEWOOD RESOURCES INC. (N7510)

PROPOSED LOCATION:  
 SWSW 05 - T12S - R24E 564'  
 SURFACE: 0461-FSL-~~0546~~-FWL  
 BOTTOM: 0461-FSL-~~0546~~-FWL  
 UINTAH COUNTY  
 OIL SPRINGS FIELD (635)

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

LEASE TYPE: FED  
 LEASE NUMBER: UTU - 08424A

PROPOSED PRODUCING FORMATION: MVRD

RECEIVED AND/OR REVIEWED:

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

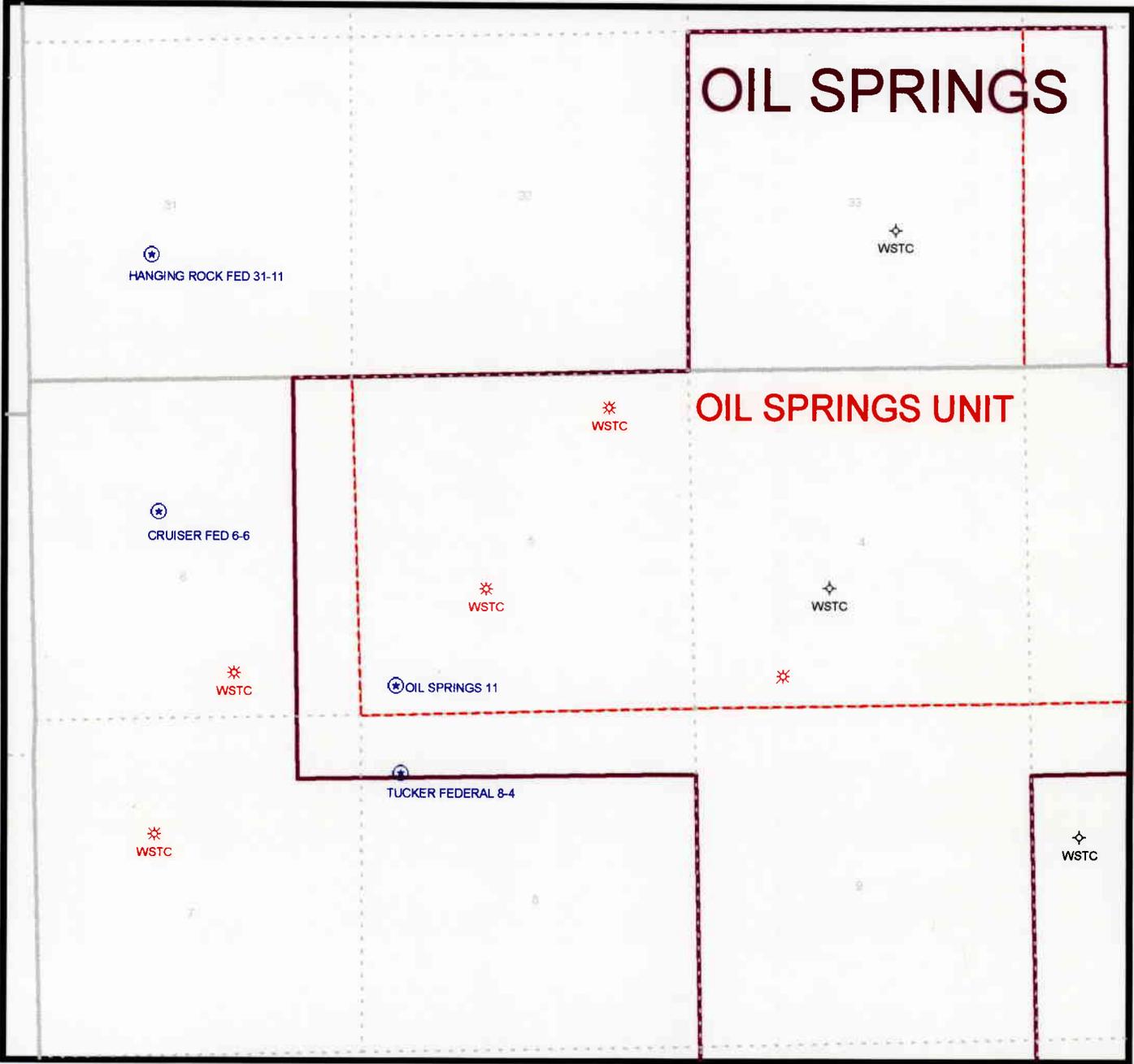
LOCATION AND SITING:

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

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

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

OPERATOR: ROSEWOOD (N7510)  
FIELD: ROCK HOUSE (670)  
SEC, TWP, RNG: 5, T12S, R24E  
COUNTY: UINTAH  
UAC: R649-2-3



PREPARED:  
DATE: 9 -APR-97



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

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

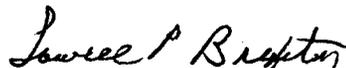
Re: Oil Springs 11 Well, 461' FSL, 564' FWL, SW SW, Sec. 5,  
T. 12 S., R. 24 E., Uintah County, Utah

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 43-047-32876.

Sincerely,

  
Lowell P. Braxton  
Deputy Director

lwp

Enclosures

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

Operator: Rosewood Resources, Inc.  
Well Name & Number: Oil Springs 11  
API Number: 43-047-32876  
Lease: UTU-08424A  
Location: SW SW Sec. 5 T. 12 S. R. 24 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**

5. LEASE DESIGNATION AND SERIAL NO.  
**UTU-08424A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
**Oil Springs Unit**

8. FARM OR LEASE NAME  
**Oil Springs**

9. WELL NO.  
**11**

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**SEC. 5, T 12 S, R 24 E.**

12. COUNTY OR PARISH  
**UINTAH**

13. STATE  
**UT**

**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  
**Rosewood Resources, Inc.**

3. ADDRESS OF OPERATOR  
**100 Crescent Court, Suite 500, Dallas Tx.75201      214-871-5729**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
**461' FSL, 564' FWL, SW1/4, SW1/4, Sec. 5, T12S, R24E**  
 At proposed prod. zone  
**43-047-32876**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**23.2 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)  
**461'**

16. NO. OF ACRES IN LEASE  
**2,160**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**40**

18. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
**2000'**

19. PROPOSED DEPTH  
**4500'**

20. ROTARY OR CABLE TOOLS  
**ROTARY**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**6197'**

22. APPROX. DATE WORK WILL START\*  
**May 1, 1997**

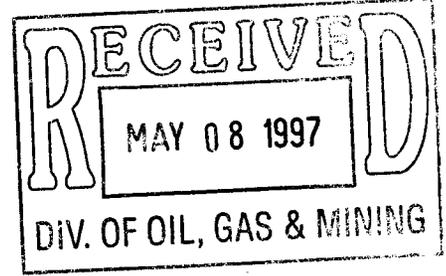
**23. PROPOSED CASING AND CEMENTING PROGRAM**

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

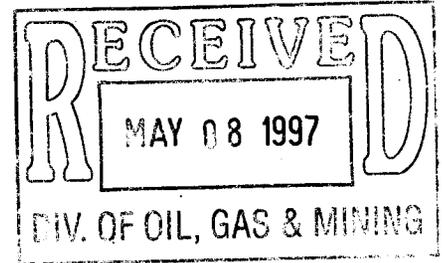
801-823-6152



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. William A. Ryan  
SIGNED WILLIAM A. RYAN TITLE PETROLEUM ENGINEER DATE April 1, 1997

(This space for Federal or State office use)  
**NOTICE OF APPROVAL**  
 PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY [Signature] TITLE Regional Field Manager  
 CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ DATE MAY 07 1997



CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Rosewood Resources, Inc.

Well Name & Number: Oil Springs 11

API Number: 43-047-32876

Lease Number: U-08424A

Location: SWSW Sec. 05 T. 12 S R. 24 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  $\pm$  1067 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  $\pm$  867 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           (801) 789-4170  
Petroleum Engineer

Ed Forsman             (801) 789-7077  
Petroleum Engineer

Jerry Kenczka          (801) 789-1190  
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.

### **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.

-The well will be blown into a tank or a plunger lift system installed.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: ROSEWOOD RESOURCES

Well Name: OIL SPRINGS 11

Api No. 43-047-32876

Section: 5 Township: 12S Range: 24E County: UINTAH

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

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

SPUDDED:

Date 5/23/97

Time \_\_\_\_\_

How DRY HOLE

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

Reported by D. HACKFORD-DOGM

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

Date: 5/30/97 Signed: JLT

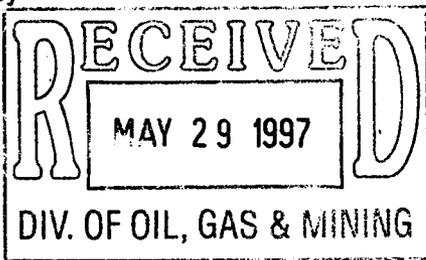
OPERATOR Rosewood Resources Inc.  
 ADDRESS 100 Crescent Ct. Ste. 500  
Dallas Tx 75201

OPERATOR ACCT. NO. N 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-1	99999	12133	43-047-32976	Oil Springs 11	SWSW	5	12S	24E	Uintah	5/23/97	7
WELL 1 COMMENTS: OIL SPRINGS UNIT "WASATCH B-GAS ZONE PA"; THE #5 & #10 BEING ASSIGNED THE SAME ENTITY EFF 5/97. (SEE BELOW) Spud Oil Spring Unit #11											
D	6775	12133	43-047-15930	OIL SPRINGS UNIT 5	NESW	5	12S	24E	UINTAH	11/63	5/97
WELL 2 COMMENTS: OIL SPRINGS UNIT "WASATCH B-GAS ZONE PA" EFF 5/97; CHG'D TO BE CONSISTENT WITH OTHER WELLS WITHIN SAME PA. (OPERATOR NOTIFIED & IN AGREEMENT WITH CHANGE)											
D	6776	12133	43-047-31656	OIL SPRINGS UNIT #10	NENE	5	12S	24E	UINTAH	8/85	5/97
WELL 3 COMMENTS: OIL SPRINGS UNIT "WASATCH B-GAS ZONE PA" EFF 5/97; CHG'D TO BE CONSISTENT WITH OTHER WELLS WITHIN SAME PA. (OPERATOR NOTIFIED & IN AGREEMENT WITH CHANGE)											
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)



Jenna McJunkin  
 Signature  
Prod Engr.  
 Title  
5/24/97  
 Date  
 Phone No. (214) 871-5723

### SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:

UTU-08424 A

6. If Indian, Allocated or Tribe Name:

7. Unit Agreement Name:

Oil Springs Unit

8. Well Name and Number:

Oil Springs 11

9. API Well Number:

43-047-32876

10. Field and Pool, or Wildcat:

Oil Springs

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator:

Rosewood Resources Inc.

3. Address and Telephone Number:

100 Crescent Ct. Ste 500 Dallas, Tx 75201 (214) 871-5700

4. Location of Well SW SW

Footages: 461 FSL 564 FWL

QQ, Sec., T., R., M.: Sec 5 T12S R24E

County: Uintah

State: Utah

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

##### NOTICE OF INTENT (Submit in Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other Weekly Report
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start \_\_\_\_\_

##### SUBSEQUENT REPORT (Submit Original Form Only)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

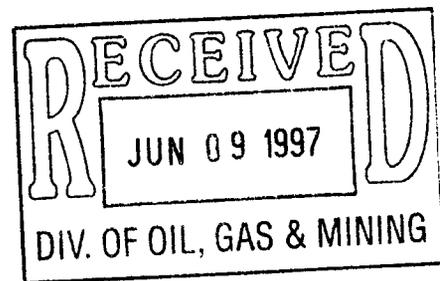
Date of work completion \_\_\_\_\_

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

\* Must be accompanied by a cement verification report.

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

Weekly Report



13.

Name & Signature:

*James McFinnell*

Title:

Prod. Engr

Date:

6/5/97

(This space for State use only)

# ROSEWOOD RESOURCES, INC.

# Daily Drilling Report

LEASE **Oil Springs Unit**  
 WELL NAME **Oil Springs # 11**

DATE: **6/1/97**

CURRENT DEPTH **4326**  
 TVD  
 FOOTAGE PAST 24 HRS **0**  
 ENGINEER **D.WIDNER**

Present Operation: **Cementing Second Stage**

FROM	TO	ACTIVITY PAST 24 HRS:
600	800	TOH w/ DP, SLM 4328'
800	1300	Schlumberger ran Array Induction, Compensated Neutron Litho Density, Gamma Ray Logs. TD @ 4326'
1300	1500	TIH w/ DP
1500	1600	Circulate 7 Condition
1600	2000	LD DP DC's
2000	2315	RU Casing crew, Ran 98 jts 4 1/2" 11.6# N80 new casing to 4074' KB. Ran Float Shoe 2 jts casing, Insert Float, 50 jts casing, Cement Stage Tool, 46 jts casing Stage Tool @ 1925' KB.
2315	015	Circulate & Condition hole.
015	200	Cement First Stage as Follows: 20 bbls mud flush, 10 bbls FW spacer, 430 sxs Class G +10% gypsum +0.4% FL-52 + 10 % Salt. Mixed @ 14.85#/gal, 1.52 ft3/sx. Plug down @ 2:00 AM, Float held. Est TOC @ 2100'.
200	600	Circulate & Condition hole. MW 9.4#/gal, 42 vis.
600	700	Cement Second Stage as Follows: 20 bbls mud flush, 10 bbls water, 170 sxs Class G + 3% salt + 16%gel + 5 # /sx gilsonite, followed by 25 sxs class G. Plug down @ 7:00 AM. Float Held, Circulated 20 bls excess cement
		Now WOC. Final Drilling Report.

### MUD PROPERTIES

WT	9.40	% OIL		Ca+	60
VIS	42.00	%SAND	0.33	CAKE	2
WL	8.00	%SOLID	6.30	pH	9.50
HTHP		ALK	0.60	Daily Mud Cost	1958
PV	30.00	Cl-	700.00	Cum Mud cost	6493
YP	17.00				

### DAILY COSTS:

FOOTAGE	0
MUD	1958
CASING	23270
CEMENTING	16587
SURVEYOR	0
LOGGING	11177
MUD LOG	470
DIRECTIONAL	0
FISHING	0
WATER	0
FUEL	0
BITS	0
RENTALS	100
TRUCKING	0
SUPERVISION	600

### PUMP DATA:

	1	2
MAKE	EMSCO	EMSCO
MODEL	DB 550	D 375
LINER	5.50	
SPM		
PSI		

### Hydraulics:

WOB	
RPM	
GPM	

### BIT RECORD:

Bit #	1
Ser#	K25891
Size	7 7/8
Make	Reed
Type	HP53A
Jets	14, 14, 15
In @	304
Out @	4326
Feet	4022
Hrs	
Ft/Hr	40
Cum Hrs	98.50
Grade	

### SURVEY DATA:

DEPTH	DEGREES
320	3/4
860	1.25
1355	1
1830	3/4
2470	3/4
2950	2 3/4
3400	2 1/4
3800	4
4281	4

TOTAL DAILY	\$54,162
COST FORWARD	\$152,414
CUM.TO DATE	\$206,576

### ADDITIONAL COMMENTS:

### FINAL DRILLING REPORT

- Show #1: 2371'-2392' 1600 units, plus free oil
- Show #2: 2408'-2420' 1100 units
- Show #3: 2640'-2651' 740 units
- Show #4: 3235'-3265' 1300 units
- Show #5: 3296'-3316' 2150 units
- Show #6: 3810'-3828' 160 units
- Show #7: 3958'-3961' 260 units

















June 30, 1997

Utah Department of Natural Resources  
Division of Oil, Gas & Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Re: Uintah County, Utah

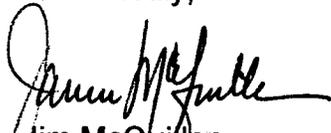
Gentleman:

Attached are the following items:

1. Open hole logs - Marble Mansion Utah 8-1
2. Rockhouse Unit 21
3. Cement Bond log - Oil Springs 11 43047 32876 12524E 05 DRL
4. Rockhouse 17
5. Form 6 - Rockhouse 20

If you have any questions, please contact me at (214) 871-5723.

Yours Truly,

  
Jim McQuillen  
Production Engineer

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

RECEIVED  
JUL 21 1997

3. WELL DESIGNATION AND SERIAL NO.  
**Oil Springs Unit - 08424A**

4. INDIAN ALLOTTEE OR TRIBE NAME

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

7. UNIT AGREEMENT NAME  
**Oil Springs Unit**

1b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESTR.  Other \_\_\_\_\_

5. FARM OR LEASE NAME  
**Oil Springs #**

2. NAME OF OPERATOR  
**Rosewood Resources Inc.**

8. WELL NO.  
**# 11**

3. ADDRESS OF OPERATOR  
**100 Crescent Ct. Ste 500 Dallas Tx 75201 (214)871-5700**

10. FIELD AND POOL OR WILDCAT  
**Oil Springs**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface **461 FS 564 FWL (SWSW) Sec 5 T12S R24E**

11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA  
**Sec. 5 T12S R24E**

At top prod. interval reported below **Same**

At total depth **Same**

14. API NO. **43-047-32876**      DATE ISSUED **5/6/97**      12. COUNTY **Uintah**      13. STATE **Utah**

15. DATE SPUNDED **5/6/97**      16. DATE T.D. REACHED **5/31/97**      17. DATE COMPL. (Ready to prod.) **7/8/97 (plug & seal)**      18. ELEVATIONS (OF. RES. RT. CR. ETC.) **6192 GL 6204 KB**      19. ELEV. CASINGHEAD **6192**

20. TOTAL DEPTH, MD & TVD **4326**      21. PLUG BACK T.S., MD & TVD **3900 PBD**      22. IF MULTIPLE COMPL. HOW MANY \_\_\_\_\_      23. INTERVALS DRILLED BY ROTARY TOOLS **10-4326**      CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)  
**3328-40 - Producing - Wasatch**  
**3809-19 - RBP 3711 - Wasatch**

25. WAS DIRECTIONAL SURVEY MADE  
**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**Array Induction, Density/Neutron, Sonic CBL/GRAL**

27. WAS WELL CORED YES  NO  (Submit analysis)  
DRILL STEM TEST YES  NO  (See reverse side)

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8 J-55	24	300 GL	12 1/2	215ss Cls' G, 2% Ca to Surf.	None
4 1/2 N-80	11.6	4074	7 7/8	430ss Cls' G, 10% Gypsum, 10% Salt Top Cement 2275.	None
		Stage Tool @ 1925	7 7/8	170ss Cls' G, 3% Salt, 16% Ca, 5% Gilsomite to Surface	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	3320	3306

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3933-37-4HPF	CIBP 3720 w/20' cent.	3809-A	955 gal 11% King 1 gal. 30,000 # 1 1/2 Ottawa Sand.
3809-19-4HPF	RBP 3711		
3328-40-4HPF			

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
7/11/97		Flowing				Production	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL	GAS—MCF	WATER—BSL	GAS-OIL RATIO
7/12/97	24	14/64	→	- 0 -	1142 MCF	- 0 -	—
FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL	GAS—MCF	WATER—BSL	OIL GRAVITY-API (CORR.)	
1160 psi	PKr.	→	- 0 -	1142 MCF	- 0 -	—	

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

35. LIST OF ATTACHMENTS  
**Daily Reports, Cement Bond Log**

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

SIGNED *John McFadden*      TITLE Prod. Emgr.      DATE 7/16/97

See Spaces for Additional Data on Reverse Side

### INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES:		38. GEOLOGIC MARKERS				
Formation	Top	Bottom	Description, contents, etc.	Name	Meas. Depth	True Vert. Depth
Green River	2371	2392	Oil, gas, water	Wasatch	2556	
Green River	2408	2420	gas, water	Mesa Verde	4132	
Wasatch	2640	2651	gas			
	3235	3265	gas			
	3296	3316	gas			
	3810	3828	gas, water			
	3958	3961	water			

**ROSEWOOD RESOURCES, INC. DAILY COMPLETION REPORT**

LEASE **Oil Springs Unit**  
 WELL NAME **Oil Springs # 11**

DATE: 7/12/97

TOTAL DEPTH 4326

PBTD 3711'  
 ENGINEER D.WIDNER

PERFS:

3933'-3937' CIBP @ 3920 W/ 20' CEMENT ON TOP  
 3809'-3819' RBP @ 3711'  
 3328'-3340' UNI VI PKR @ 3306', EOT 3320'

FINISHED SETTING PRODUCTION EQUIPMENT AND PIPELINE TIE INS.  
 SITP 1320 PSI. POL ON 13 1/2 /64" CHOKE. FARO 1142 MCFD.

DAILY COSTS:

RIG	
WATER	
TUBING	
CEMENTING	
EQUIPMENT	
LOGGING	
LOCATION	
LABOR	
WELLHEAD	
ACIDIZING	
FRAC	
SLICKLINE	
RENTALS	
TRUCKING	
SUPERVISION	
PACKERS	
CBL/PERF	
TOTAL DAILY	\$0
COST FORWARD	\$332,259
CUM.TO DATE	\$332,259

**ROSEWOOD RESOURCES, INC. DAILY COMPLETION REPORT**

LEASE **Oil Springs Unit**  
 WELL NAME **Oil Springs # 11**

DATE: 7/09/97

TOTAL DEPTH 4326

PBTD 3711'  
 ENGINEER **D.WIDNER**

**PERFS:**

3933'-3937' CIBP @ 3920 W/ 20' CEMENT ON TOP  
 3809'-3819' RBP @ 3711'  
 3328'-3340' UNI VI PKR @ 3306', EOT 3320'

SITP 1340 PSI. FLOW TESTED AS FOLLOWS:  
 FLOWED 2 HRS ON 14/64" CHOKE W/ 1140 PSI FTP 1.14 MMCFD  
 FLOWED 1 HR ON 28/64" CHOKE W / 880 PSI FTR 3.2 MMCFD  
 FLOWED 1 HR ON 24/64" CHOKE W/ 800 PSI FTP 2.8 MMCFD  
 RD POOL WELLSERVICE. MOL  
 START SETTING PROD. EQUIPMENT.

**FINAL COMPLETION REPORT**

DAILY COSTS:

RIG	1040
WATER	
TUBING	
CEMENTING	
EQUIPMENT	
LOGGING	
LOCATION	
LABOR	
WELLHEAD	
ACIDIZING	
FRAC	
SLICKLINE	
RENTALS	133
TRUCKING	
SUPERVISION	600
PACKERS	
CBL/PERF	
TOTAL DAILY	\$1,773
COST FORWARD	\$332,259
CUM.TO DATE	\$334,032

**ROSEWOOD RESOURCES, INC. DAILY COMPLETION REPORT**

LEASE **Oil Springs Unit**  
 WELL NAME **Oil Springs # 11**

DATE: 7/08/97

TOTAL DEPTH 4328

PBTD 3900  
 ENGINEER D.WIDNER

**PERFS:**

3933'-3937' CIBP @ 3920 W/ 20' CEMENT ON TOP  
 3909'-3919' RBP @ 3711'  
 3328'-3340'

SICP 520 PSI BLEW DOWN. TIH W/ GUIBERSON UNI VI W/ INDEX EQUALIZER VALVE + 118 JTS 2 3/8 TBG. SET RBP @ 3711'. REL ON/OFF TOOL PULLED 1 STD TBG. CIRC HOLE W/ 3 % KCL WATER. PRESSURE TESTED RBP, CSG, BOP TO 2500 PSI FOR 15 MINUTES. SWABBED FL DOWN TO 2100' FS. SCHLUMBERGER PERF FROM 3328'3340' W/ 3 1/2" HI DENS HSC 4SPF 48 HOLES. HAD 920 PSI @ SURFACE. RIH AND WIRELINE SET GUIBERSON UNI VI PACKER W/ 6" SUB AND "GXN" NIPPLE ON BOTTOM W/ XN 1.791 PLUG IN PLACE. SET PACKER ASSY @ 3308' W/ EOT @ 3320'. RD SCHLUMBERGER. BLEW CSG DOWN. PLUG HELD. TIH W/ ON/OFF TOOL + 105 JTS 2 3/8" TBG. ND BOP LATCHED ONTO PKR. HUNG TBG ON HANGER BUSHING 4 PTS COMP. NU TREE. DELSCO RIH W/ SLICKLINE, PULLED XN PLUG AT 3320'. HAD 980 PSI AT SURFACE. FLOW TESTED ON 16/64 CHOKE FOR 1 HR FTP 940 PSI 1.4 MMCFD DRY GAS. FLOW TESTED ON 24/64 CHOKE FOR 1 HR FTP 750 PSI 2.7 MMCFD DRY GAS. SIFN.

**DAILY COSTS:**

RIG	2113
WATER	
TUBING	
CEMENTING	
EQUIPMENT	
LOGGING	
LOCATION	
LABOR	
WELLHEAD	
ACIDIZING	
FRAC	
SLICKLINE	638
RENTALS	309
TRUCKING	
SUPERVISION	600
PACKERS	9500
CBL/PERF	3323
TOTAL DAILY	\$16,483
COST FORWARD	\$315,776
CUM.TO DATE	\$332,259

**ROSEWOOD RESOURCES, INC. DAILY COMPLETION REPORT**

LEASE Oil Springs Unit  
 WELL NAME Oil Springs # 11

DATE: 7/07/97

TOTAL DEPTH 4326

PBTD 3900

ENGINEER D.WIDNER

**PERFS:**

3933-3937 CIBP@ 3920 W/ 20' CEMENT ON TOP  
 3909-3819

SITP 760 PSI, SICP 720 PSI. OPENED ON 14/64" CHOKE. WELL FLOWED 6 HRS ,MADE 16.7 BBLS LW.  
 PUT ON 18/64" CHOKE, WOULD NOT FLOW. RIH W/ SWAB, FL 3000 ' FS. SWABBED DOWN IN 3 RUNS.  
 LAST 2 MORE SWAB RUNS , NO FLUID SICP 150 PSI. TR 21 BBLS. REC 386 BBLS OF 379 USED.  
 ND TREE, NU BOP TOH W/ TBG. SIFN.

**DAILY COSTS:**

RIG	1949
WATER	
TUBING	
CEMENTING	
EQUIPMENT	
LOGGING	
LOCATION	
LABOR	
WELLHEAD	
ACIDIZING	
FRAC	
BHP	
RENTALS	444
TRUCKING	
SUPERVISION	
PACKERS	
CBL/PERF	
TOTAL DAILY	\$2,393
COST FORWARD	\$313,383
CUM.TO DATE	\$315,776

**ROSEWOOD RESOURCES, INC. DAILY COMPLETION REPORT**

LEASE	Oil Springs Unit	DATE: <u>7/04/97</u>	TOTAL DEPTH	<u>4326</u>
WELL NAME	Oil Springs # 11	<u>7/05/97</u>		
		<u>7/06/97</u>		
PERFS:			PBTD	<u>3900</u>
			ENGINEER	D.WIDNER

3933'-3937' CIBP @ 3920 W/ 20' CEMENT ON TOP  
 3809'-3819'

7/04/97 FTP 0 - 160 FTP REC HEADS OF LW AND GAS. SICP 280 PSI - 450 PSI. LEFT FLOWING  
 7/05/97 FTP 50 PSI SICP 430 PSI. REC 32 BBLS LW PAST 24 HRS. TR 333 BBLS OF 379 BBLS USED.  
 7/06/97 FTP 0 PSI ON 16/64" CHOKE. SICP 440 PSI. FLOWING SMALL AMT OF GAS. OPENED W/O WOULD NOT FLOW.  
 SHUT WELL IN @ 7:00 PM. TR 365 BBLS OF 379 BBLS USED.

DAILY COSTS:

RIG	
WATER	
TUBING	
CEMENTING	
EQUIPMENT	
LOGGING	
LOCATION	
LABOR	
WELLHEAD	
ACIDIZING	
FRAC	
BHP	
RENTALS	135
TRUCKING	
SUPERVISION	
PACKERS	
CBL/PERF	
TOTAL DAILY	\$135
COST FORWARD	\$313,248
CUM.TO DATE	\$313,383

**ROSEWOOD RESOURCES, INC. DAILY COMPLETION REPORT**

LEASE **Oil Springs Unit**  
 WELL NAME **Oil Springs # 11**

DATE: 7/03/97

TOTAL DEPTH 4326

PERFS:

PBTD 3900  
 ENGINEER D.WIDNER

3933-3937 CIBP @ 3920 W/ 20' CEMENT ON TOP  
 3909-3919

Flowing on W/O choke, FTP TSTM. Rec small stream of LW. SICP 550 psi.  
 RIH w/ swab. FL @ surface. Made 19 swab runs for the day, well would flow + die.  
 Recovered a total of 57 bbls LW for the day. TR 301 of 379 used. Put on 14/64" choke, left flowing w/ 40 psi FTP, 200 psi SICP  
 at 4:00 pm. At 9:00 pm FTP 100 psi unloading in heads, SICP 380 psi. Left flowing overnight.

DAILY COSTS:

RIG	1819
WATER	202
TUBING	
CEMENTING	
EQUIPMENT	
LOGGING	
LOCATION	
LABOR	572
WELLHEAD	
ACIDIZING	
FRAC	
BHP	
RENTALS	163
TRUCKING	
SUPERVISION	600
PACKERS	
CBL/PERF	
TOTAL DAILY	\$3,356
COST FORWARD	\$309,892
CUM. TO DATE	\$313,248

**ROSEWOOD RESOURCES, INC. DAILY COMPLETION REPORT**

LEASE Oil Springs Unit  
 WELL NAME Oil Springs # 11

DATE: 7/02/97

TOTAL DEPTH 4326

PBTD 3600  
 ENGINEER D.WIDNER

PERFS:

3833-3837 CIBP @ 3920 W/ 20' CEMENT ON TOP  
 3809-3819

ACTIVITY PAST 24 HOURS

FLOWING ON W/O CHOKE WITH A SLIGHT BLOW OF GAS. TSTM. NU STRIPPER HEAD, TIH W / NOTCHED COLLAR, SN, + 119 JTS  
2 3/8" TBG. TAGGED SAND @ 3660. RU POWER SWIVEL + PUMP, WASHED SAND TO PBTD @ 3600. LOST 50 BBLs KCL WTR.  
LD 3 JTS TBG. HUNG TBG OFF AT 3815 (122 JTS).  
ND BOP NU TREE. RIH W/ SWAB. FL @ SURFACE. SWABBED DOWN TO SN REC GAS CUT LW. WELL FLOWING + DYING.  
SICP BU TO 330 PSI. LEFT WELL OPEN ON W/O CHOKE OVERNIGHT.  
ON 7/03/97 @ 6:00 FLOWING ON W/O CHOKE FTP TSTM, REC 6 BBLs/HR LW + GAS. TR 244 BBLs OF 379 USED. 135 LTR.  
SICP 550 psi

DAILY COSTS:

RIG	2354
WATER	1050
TUBING	
CEMENTING	
EQUIPMENT	
LOGGING	
LOCATION	
LABOR	894
WELLHEAD	
ACIDIZING	
FRAC	
BHP	
RENTALS	364
TRUCKING	
SUPERVISION	600
PACKERS	
CBL/PERF	
TOTAL DAILY	\$5,262
COST FORWARD	\$304,630
CUM.TO DATE	\$309,892

**ROSEWOOD RESOURCES, INC. DAILY COMPLETION REPORT**

LEASE Oil Springs Unit  
 WELL NAME Oil Springs # 11

DATE: 7/01/97

TOTAL DEPTH 4326

PBTD 3900  
 ENGINEER D.WIDNER

PERFS:

3933-3937 CIBP @ 3920 W/ 20' CEMENT ON TOP  
 3809-3819

ACTIVITY PAST 24 HOURS

SITP 280 PSI. BLEW DOWN DRY GAS. RIH W/ SWAB, FL 3500 FS. SWABBED 2 BBLs DIRTY WTR. TR 23/28 USED  
 BJ LOADED TBG W/ 3% KCL WTR BROKE DOWN PERFS W/ 1000 GAL 3% KCL + 80 RCN BALL SEALERS.  
 PUMPED INTO PERFS @ 5 BPM/2900 PSI. HAD GOOD BALL ACTION UP TO 3300 PSI. SURGED BALLS OFF PERFS. PUMPED  
 5.7 BPM @ 3300 PSI. REL UNI VI PKR, TIH W/ 3 JTS TBG TO 3852' TO WIPE THRU PERFS. TOH W/ TBG + PKR.  
 BJ FRACED DOWN 4 1/2' CSG W/ 6500 GAL VIKING 1 GEL + 30000# 18/30 OTTAWA SAND. RAMPED FROM 2# TO 6# SAND/GAL.  
 AVG RATE 15.5 BPM, AVG PRESS 2200 PSI. ISIP 2300 PSI (FG=1.04), FORCED CLOSURE @ 1 BPM FOR 30 MIN. FLOWED ON  
 18/64 CHOKE FOR 1 HR, PRESS DEC. FROM 980 PSI TO 0 PSI. OPENED WO FOR 1 1/2 HRS, 30/64 CHOKE FOR 2 1/2 HRS, ALL 0 PSI.  
 REC APROX 3 BPH ON OPEN CHOKE @ 8:00 PM. FLOWED OVERNIGHT REC 131 BBLs OF 329 USED.  
 198 BBLs LEFT TO RECOVER AS OF 6:00 AM ON 7/02/97. SLIGHT GAS W/FLUID @ REPORT TIME

DAILY COSTS:

RIG	1913
WATER	1050
TUBING	
CEMENTING	
EQUIPMENT	
LOGGING	
LOCATION	
LABOR	
WELLHEAD	
ACIDIZING	
FRAC	19273
BHP	
RENTALS	364
TRUCKING	
SUPERVISION	600
PACKERS	
CBL/PERF	
TOTAL DAILY	\$23,200
COST FORWARD	\$281,430
CUM TO DATE	\$304,630

**ROSEWOOD RESOURCES, INC. DAILY COMPLETION REPORT**

LEASE **Oil Springs Unit**  
 WELL NAME **Oil Springs # 11**

DATE: **6/30/97**

TOTAL DEPTH 4326

PBTD 3900  
 ENGINEER **D.WIDNER**

PERFS:

3933'-3937' CIBP @ 3920 W/ 20' CEMENT ON TOP  
 3809'-3819'

**ACTIVITY PAST 24 HOURS**

NORTHERN LIGHTS RAN STATIC BHP  
 SITP @ SURFACE 709 PSI  
 SIBHP @ 3815' = 940 PSI. SIBHT 116 DEG. FL APPROX. @ 3500'  
 OPENED ON 14/64" CHOKE, BLEW DOWN IN 20 MINUTES, DRY GAS.  
 RIH W/ SWAB, FL 3500'. SWABBED DOWN IN 2 RUNS, REC 2 BBLS LOAD WATER. TR 21 OF 28 BBLS USED.  
 SDFN. PREP TO FRAC ON JULY1,1997.

**DAILY COSTS:**

RIG	1368
WATER	
TUBING	
CEMENTING	
EQUIPMENT	
LOGGING	
LOCATION	
LABOR	
WELLHEAD	
ACIDIZING	
FRAC	
BHP	1329
RENTALS	90
TRUCKING	
SUPERVISION	600
PACKERS	
CBL/PERF	
TOTAL DAILY	\$3,387
COST FORWARD	\$278,043
CUM.TO DATE	\$281,430

**ROSEWOOD RESOURCES, INC. DAILY COMPLETION REPORT**

LEASE **Oil Springs Unit** DATE: **6/29/97** TOTAL DEPTH 4326  
 WELL NAME **Oil Springs # 11** PERFS: PBTD 3900  
 ENGINEER D.WIDNER  
 3933'-3937' CIBP@ 3920 W/ 20' CEMENT ON TOP  
 3809'-3819'

ACTIVITY PAST 24 HOURS

SITP 320 psi. Blew down, RIH w/ swab FL 3100' From surface Rec 2 bbis wtr.  
Made 1/2 hour swab runs rec dry gas ahead and behind swab.  
Made 1 hour swab run rec dry gas. TR 19 bbis of 28 bbis used.  
SIFBU. Will run static BHP on 6/30/97.

DAILY COSTS:

RIG	993
WATER	
TUBING	
CEMENTING	
EQUIPMENT	
LOGGING	
LOCATION	
LABOR	
WELLHEAD	
ACIDIZING	
FRAC	
BITS	
RENTALS	45
TRUCKING	
SUPERVISION	600
PACKERS	
CBU/PERF	
TOTAL DAILY	\$1,638
COST FORWARD	\$276,405
CUM.TO DATE	\$278,043

ROSEWOOD RESOURCES, INC. DAILY COMPLETION REPORT

LEASE Oil Springs Unit DATE: 6/28/97 TOTAL DEPTH 4326  
 WELL NAME Oil Springs # 11  
 PERFS: PBTD 3900  
 ENGINEER D.WIDNER  
 3933'-3937' CIBP@ 3920 W/ 20' CEMENT ON TOP  
 3809'-3819'

ACTIVITY PAST 24 HOURS

Loaded csg w/ 3% KCl wr. Press. tested csg. to 2000 psi for 15 min. TIH w/ 120 lbs tbg & SN to 3747'  
 Swabbed fluid level down to 2800. Schlumberger perf. from 3809'-3819' w/ 3 1/2" @ 37.4 spf, total of 40 holes  
 No change at surface at surface after perf. TIH w Guberson Uni VI pluron/off toll w/ Ots xn nipple+120 lbs tbg  
 ND BOP set plr @ 3758'. Loaded tbg w/ 3% KCl wr. Broke perfs down @ 1650 psi. Max rate 2.5 BPM, @ 2500 psi.  
 Pumped 14 bbls ISIP 1200 psi. Total fluid to recover=28 bbls. RIH w/ swab FL @ surface. Swabbed down to plr w/ a show of gas.  
 Made 1/2 hour swab runs rec 1/2 bbl wr per run w/ good blow of gas ahead and after swab. TR 17 bbls of 28 used.  
 SIFBU.

DAILY COSTS:

RIG	1927
WATER	
TUBING	
CEMENTING	
EQUIPMENT	
LOGGING	
LOCATION	
LABOR	
WELLHEAD	
ACIDIZING	
FRAC	
BITS	
RENTALS	279
TRUCKING	
SUPERVISION	600
PACKERS	
CBL/PERF	2326
TOTAL DAILY	\$5,132
COST FORWARD	\$271,273
CUM.TO DATE	\$276,405

**ROSEWOOD RESOURCES, INC. DAILY COMPLETION REPORT**

LEASE Oil Springs Unit  
WELL NAME Oil Springs # 11

DATE: 6/27/97

TOTAL DEPTH 4326

0

ENGINEER D.WIDNER

ACTIVITY PAST 24 HRS:

SITP 20 psi. Blew down, RIH w/ swab. FL 1300' FS. Swabbed down to pkr in three runs. Rec. 10 bbls wtr  
Made 1/2 hr swab runs, rec 2 bbls wtr per run w/ slight to no gas with swab.  
Rec. 16 bbls in 5 hrs. Total Rec. 48 bbls of 27 used to breakdown perms.  
ND tree, rel. pkr, TOH w/ 124 jts tbg, on/off tool & Guiberson Uni VI pkr.  
NU BOP. Schlumberger set 4 1/2" CIBP @ 3920'. Dumped 20' cement on top of CIBP. SDFN.

DAILY COSTS:

RIG	1860
WATER	
TUBING	
CEMENTING	
EQUIPMENT	
LOGGING	
LOCATION	
LABOR	
WELLHEAD	
ACIDIZING	
FRAC	
BITS	
RENTALS	249
TRUCKING	
SUPERVISION	600
PACKERS	
CBL/PERF	2754
TOTAL DAILY	\$5,463
COST FORWARD	\$265,750
CUM. TO DATE	\$271,213

**ROSEWOOD RESOURCES, INC. DAILY COMPLETION REPORT**

LEASE **Oil Springs Unit** DATE: **6/26/97** TOTAL DEPTH 4326  
 WELL NAME **Oil Springs # 11** ENGINEER 0  
 D.WIDNER

ACTIVITY PAST 24 HRS:

TIH w/ SN + 122 jts 2 3/8" tbg to 3809'. Swabbed down to 2500' FS.  
 Schlumberger perf. w/ 3 1/2" HI Dens HSC from 3933'-3977' 4 spf 17 holes. No change in FL after perf.  
 TIH w/ Guiberson Uni VI pkr, ON/Off tool w/ Otis XN 1.791 Nipple + 124 jts tbg. ND BOP set Pkr @ 3885'.  
 NU Tree & manifold. RIH w/ swab. F L 1500' FS. Swabbed down to pkr. in 3 runs, slight show of gas.  
 Loaded tbg w/ 15 bbls 3% KCl wtr. Broke down perms @ 2500 psi. Inc Rate to 4 BPM. @ 300 psi.  
 Pumped 12 bbls, SD ISIP 100 psi. RIH w /swab FL @ surface. Swabbed down to pkr in 6 runs.  
 Had incresed show off gas. Recovered 22 bbls of 27 used. SIFN.

DAILY COSTS:

RIG	2069
WATER	
TUBING	
CEMENTING	
EQUIPMENT	
LOGGING	
LOCATION	
LABOR	
WELLHEAD	
ACIDIZING	
FRAC	
BITS	
RENTALS	585
TRUCKING	
SUPERVISION	600
PACKERS	
CBL/PERF	3600
TOTAL DAILY	\$6,854
COST FORWARD	\$258,896
CUM.TO DATE	\$265,750

**ROSEWOOD RESOURCES, INC. DAILY COMPLETION REPORT**

LEASE Oil Springs Unit  
 WELL NAME Oil Springs # 11

DATE: 6/25/95

TOTAL DEPTH 4326

0

ENGINEER D.WIDNER

ACTIVITY PAST 24 HRS:

Pressure tested casing and BOP to 1500 psi.  
TIH w/ 3 7/8" MT bit, bit sub, 4 1/2" casing scraper, 6 3/8" drill collars & 55 jts 2 3/8" tbg.  
Tagged cement @ 1896' drilled out cement and stage tool @ 1910'.  
Drilled out of cement @ 1919'. Press test to 1500 psi. Finished TIH w/ a total of 122 jts tbg. Tagged TD @ 3983'  
Circulated hole clean w/ 60 bbls 3% KCl wtr. TOH w/ tbg + BHA. LD DC's.  
Schlumberger ran CBL under 1000 psi from 3983' to surface. Log indicated good bonding  
across all zones of interest. TOC on 1st stage @ 2275'. TOC second stage @ surface. SDFN.

DAILY COSTS:

RIG	2420
WATER	480
TUBING	11977
CEMENTING	
EQUIPMENT	
LOGGING	
LOCATION	
LABOR	
WELLHEAD	
ACIDIZING	
FRAC	
BITS	
RENTALS	2195
TRUCKING	510
SUPERVISION	600
PACKERS	
CBL/PERF	
TOTAL DAILY	\$18,182
COST FORWARD	\$240,714
CUM.TO DATE	\$258,896



