

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
2050' FNL, 888' FWL, SW1/4, NW1/4, Sec. 24, T11S, R23E
 At proposed prod. zone
626 271

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
33.2 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) 888'
 16. NO. OF ACRES IN LEASE 1080

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2000'
 19. PROPOSED DEPTH 5500'

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5581'

5. LEASE DESIGNATION AND SERIAL NO.
UTU-0780

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Rock House Unit

8. FARM OR LEASE NAME
Rock House Unit

9. WELL NO.
#30

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 24, T 11 S, R 23 E.

12. COUNTY OR PARISH
UINTAH
18. STATE
UT

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

20. ROTARY OR CABLE TOOLS
ROTARY

22. APPROX. DATE WORK WILL START*
March 1, 1998

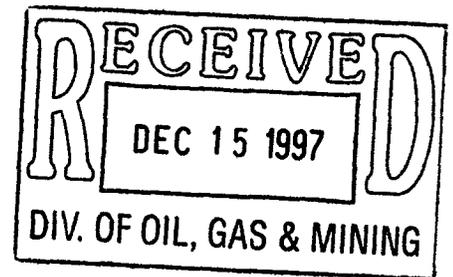
23. PROPOSED CASING AND CEMENTING PROGRAM

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 AGENT DATE Nov. 28, 1997

(This space for Federal or State office use)

PERMIT NO. 43-047-33030 APPROVAL DATE _____

APPROVED BY John R. Baya TITLE Associate Director Utah DOGM DATE 2/2/98
 CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

T11S, R23E, S.L.B.&M.

ROSEWOOD RESOURCES, INC.

Well location, ROCK HOUSE #30, located as shown in the SW 1/4 NW 1/4 of Section 24, T11S, R23E, S.L.B.&M. Uintah County Utah.

1922 Brass Cap N89°56'W - G.L.O. (Basis of Bearings)
1.6' High, Mound of Stones
2643.10' (Measured)

N89°56'W - 40.42 (G.L.O.)

1922 Brass Cap
1.1' High, Mound
of Stones

N00°02'W - 80.00 (G.L.O.)

2050'

S23°06'49"E
2235.4'

888'
(Comp.)

ROCK HOUSE #30
Elev. Ungraded Ground = 5581'

24

8.80

N00°06'W - 40.01 (G.L.O.)

8.79

N00°03'E - 39.94 (G.L.O.)

R
23
E

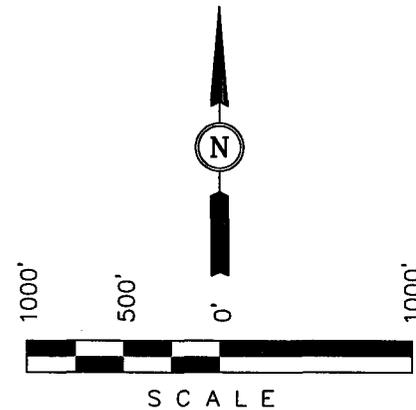
8.85

N00°01'E - 40.08 (G.L.O.)

N89°49'W - 80.28 (G.L.O.)

BASIS OF ELEVATION

BENCH MARK 87 EAM (1965) LOCATED IN THE SW 1/4 OF SECTION 1, T12S, R23E, 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 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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

LEGEND:

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

UINTAH ENGINEERING & LAND SURVEYING		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 10-09-97	DATE DRAWN: 10-14-97
PARTY D.A. K.H. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE ROSEWOOD RESOURCES, INC.	

Ten Point Plan

Rosewood Resources, Inc.

Rock House 30
Rock House Unit

Surface Location SW 1/4, NW 1/4, Section 24, T. 11 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	5,581' G.L.
Oil Shale	500	5,081
Wasatch	3,031	2,550
Mesaverde formation	5,081	500
T.D.	5,500	81

3. Producing Formation Depth:

Formation objective include the Wasatch and its submembers.

Off Set Well Information:

Off set well:	Gas Well	Rock House Unit #8	Sec. 23, T. 11 S., R. 23 E.
	Gas Well	Rock House Unit #5A	Sec. 13, T. 11 S., R. 23 E.
	Gas Well	Hanging Rock Unit 24-18	Sec. 24, T. 11 S., R. 23 E.

4. Proposed Casing :

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/Ft.</u>	<u>Grade & 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.
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:

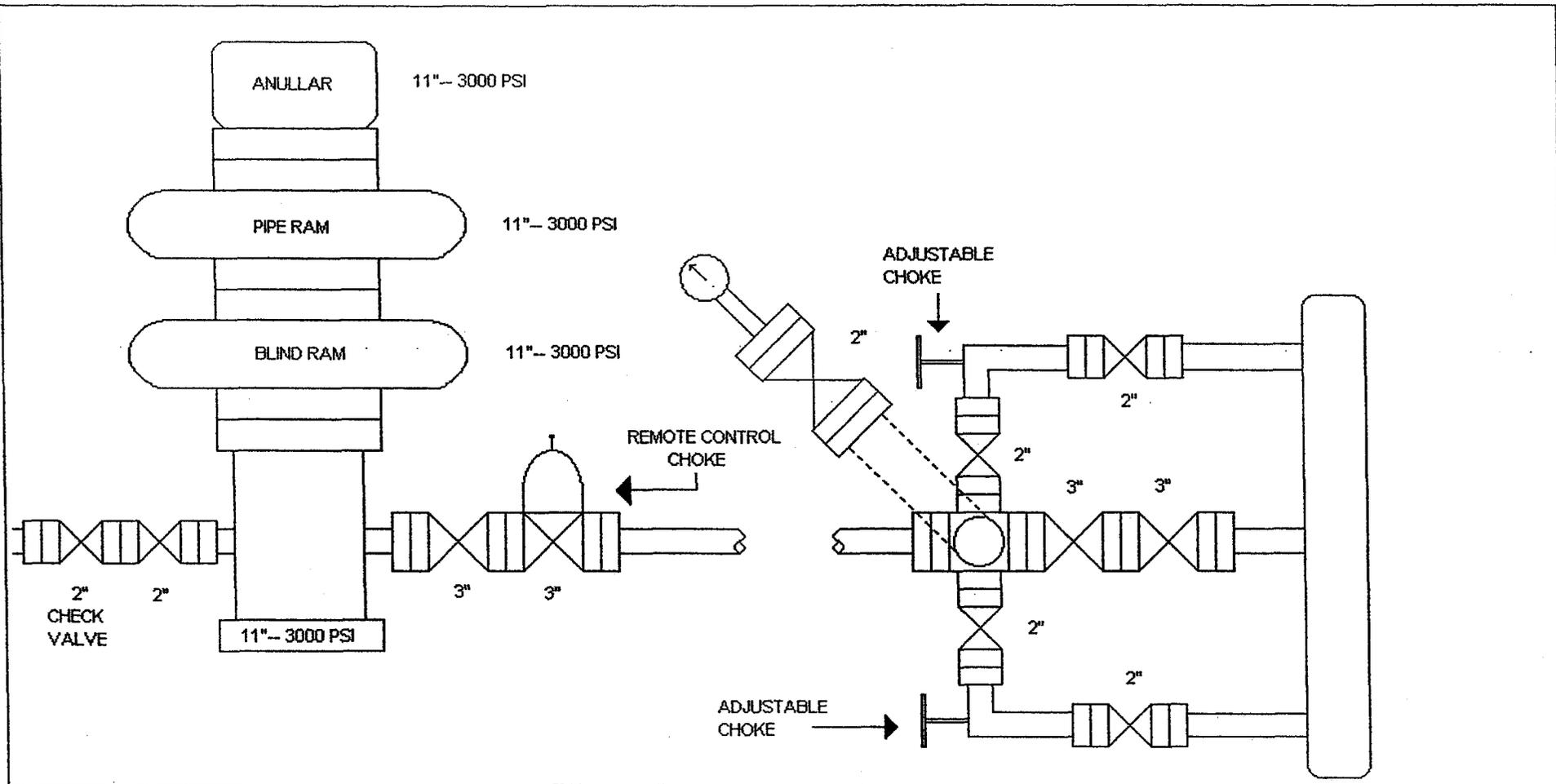
Type	Interval
DLL/SFL W/GR and SP	T.D. to Surf. Csg
FDC/CNL W/GR and CAL	T.D. to Surf. Csg

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 H2S.

10. Drilling Schedule:

The anticipated starting date is March 1, 1998. Duration of operations expected to be 30 days.



ROSEWOOD RESOURCES, INC.

13 POINT SURFACE USE PLAN

FOR WELL

ROCK HOUSE #30

ROCK HOUSE UNIT

LOCATED IN

SW 1/4, NW 1/4

SECTION 24, T. 11 S., R. 23 E., U.S.B.&M.

UINTAH COUNTY, UTAH

LEASE NUMBER: UTU-0780

SURFACE OWNERSHIP: FEDERAL

1. Existing Roads

To reach the Rosewood Resources Inc., Rock House #30 well location, in Section 15, 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 7.9 miles turn north (right) off the county road. Proceed 3.5 miles to the proposed location and access road. Turn west (left) on the oil field access road. Proceed 500 feet to the proposed access road.

All existing roads to the proposed location are State or County Class D roads except for the last 500 feet..

Please see the attached map for additional details.

2. Planned access road

The proposed location is adjacent to an existing road. Approximately 400 feet of new road construction will be required.

The road will be built to the following standards:

A) Approximate length	400 Ft.
B) Right of Way width	30 Ft.
C) Running surface	18 Ft.
D) Surfacing material	Native soil
E) Maximum grade	5%
F) Fence crossing	None
G) Culvert	None
H) Turnouts	None
I) Major cuts and fills	None
J) Road flagged	Yes
K) Access road surface ownership	Federal
L) All new construction on lease	Yes
M) Pipe line crossing	None

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	Rock House Unit #8	Sec. 23, T. 11 S., R. 23 E.
Gas Well	Rock House Unit #5A	Sec. 13, T. 11 S., R. 23 E.
Gas Well	Hanging Rock Unit 24-18	Sec. 24, T. 11 S., R. 23 E.
B) Water wells	None	
C) Abandoned wells	None	
D) Temporarily abandoned wells	None	
E) Disposal wells	None	
F) Drilling/Permitted wells	Rock House Unit #29	Sec. 13, T. 11 S., R. 23 E.
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 **Juniper Green** 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 6" line. The existing line is adjacent to the location. 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 unless the pit is blasted or soil conditions would 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	180 ft.
E)	Pit width	50 ft.
F)	Max cut	28.4 ft.
G)	Max fill	5.9 ft.
H)	Total cut yds	9,750 cu. yds.
I)	Pit location	west side
J)	Top soil location	south end
K)	Access road location	north end
L)	Flare pit	corner B

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 off the location and the pit area. The top soil will amount to approximately 1,000

cubic yards of material. **The top soil will be stockpiled in one distinct piles.** Placement of the top soil is noted on the attached location plat. **The top soil pile from the location will be seeded as soon as the soil is stock piled** with the seed mix listed. When all drilling and completion activities have been completed and the pit backfilled the top soil from the pit area spread on the pit area. **The pit area will be seeded when the soil has been spread.** The unused portion of the location (the area outside the dead men.) will be recontoured

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

A drainage rerouted will be required. The drainage reroute will be discussed as the location is being constructed. The dirt contractor will need to contact the Byran Tolman with the BLM when the pit has been constructed. Changes to the drainage during the construction activities shall be restored to its original line of flow or as near as possible when the pit is backfilled

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:

Seed will be spread when the top soil is stock piled and when reclamation work is performed.

Seed will be broadcast. If a drill is used the seed mix will be half the mix specified.

Seed Mix

Four wing salt brush	6#/acre
Western wheat grass	6#/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 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. 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 effect such sites will be suspended and the discovery reported promptly to the surface management agency.

D) Water:

The nearest water is the Green River 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 initial 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 in corner B of the reserve out side the pit fence and 100 feet from the bore hole on the **west side of the location**. 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

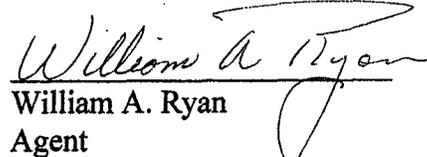
All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, onshore oil and gas orders, the applicable laws, regulations, and any applicable notices to lessees. The operator is fully responsible for the actions of his subcontractors. 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 Nov. 28, 1997


William A. Ryan
Agent
Rocky Mountain Consulting

Onsite Date:
Participant on joint inspection:
William Ryan
Byron Tolman

October 16, 1997
Rocky Mountain Consulting
BLM

Statement of use of Hazardous Material

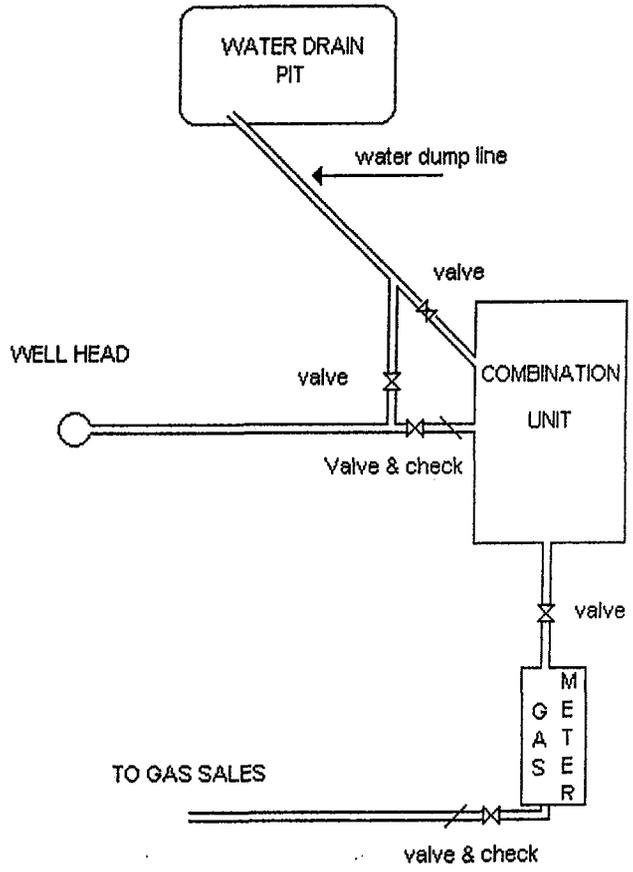
No chemical(s) from the EPA's Consolidated list of Chemicals subject to Reporting Under Title III of the Superfund Amendments and Reauthorization, Act (SARA) of 1986. will be used, produced, transported, stored, disposed, or associated with the proposed action, No extremely hazardous substances, as defined 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 Rosewood Resources, Inc.
Rocky Mountain Consulting
350 S. 800 E.
Vernal Utah, 84078

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

ROSEWOOD RESOURCES, INC
TYPICAL
GAS WELL



SELF-CERTIFICATION STATEMENT

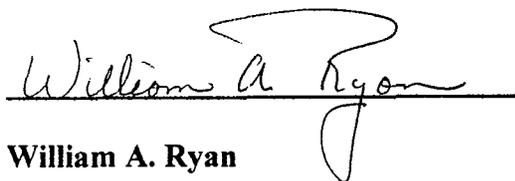
The following self-certification statement is provided per Federal requirements dated June 15, 1988.

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

**Rock House Unit #30
SW 1/4, NW 1/4, Section 24, T. 11 S., R. 23 E.
Lease UTU-0780
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.

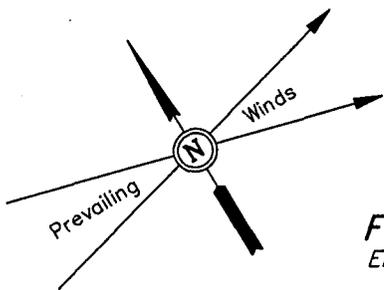
A handwritten signature in cursive script that reads "William A. Ryan". The signature is written in black ink and is positioned above a horizontal line.

**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**

ROSEWOOD RESOURCES, INC.

LOCATION LAYOUT FOR

ROCK HOUSE #30
SECTION 24, T11S, R23E, S.L.B.&M.
2050' FNL 888' FWL



SCALE: 1" = 50'
DATE: 10-14-97
Drawn By: D.R.B.

Sta. 3+25

Proposed Access Road

F-0.3'
El. 78.4'

F-3.2'
El. 75.5'

F-5.9'
El. 72.8

CONSTRUCT DIVERSION DITCH

FLARE PIT



Round Corners as Needed

Spoils Stockpile

El. 89.0'
C-20.3'
(btm. pit)

El. 82.2'
C-3.5'

CATWALK

PIPE RACKS

Sta. 1+50

C-2.5'
El. 81.2'

F-2.4'
El. 76.3'

Approx. Top of Cut Slope

CONSTRUCT DIVERSION DITCH

El. 97.1'
C-28.4'
(btm. pit)

10' WIDE BENCH

Pit Capacity With 2' of Freeboard is 9,710 Bbls. ±

Slope = 1:1

RESERVE PITS (10' Deep)

35'

RIG DOG HOUSE

120'

MUD TANKS

PUMP

WATER

MUD SHED

HOPPER

POWER

TOOLS

FUEL

TRAILER

TOILET

FUEL

STORAGE TANK

Approx. Toe of Fill Slope

TRASH

Sta. 0+10

Sta. 0+00

C-7.8'
El. 86.5'

C-4.2'
El. 82.9'

C-1.4'
El. 80.1'

Reserve Pit Backfill & Spoils Stockpile

Topsoil Stockpile

Elev. Ungraded Ground at Location Stake = 5581.2'

Elev. Graded Ground at Location Stake = 5578.7'

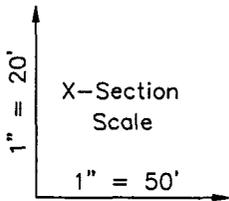
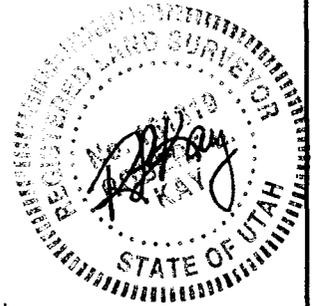
ROSEWOOD RESOURCES, INC.

TYPICAL CROSS SECTIONS FOR

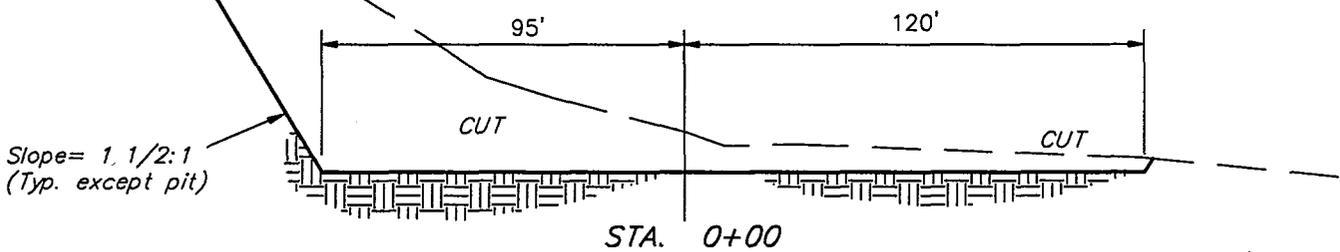
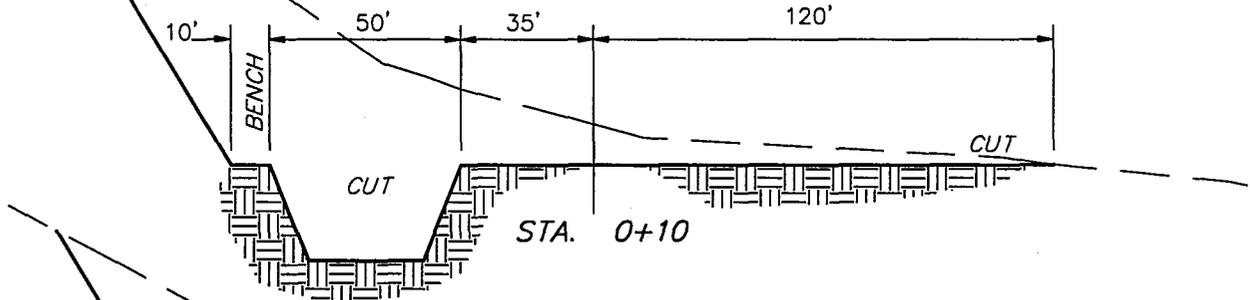
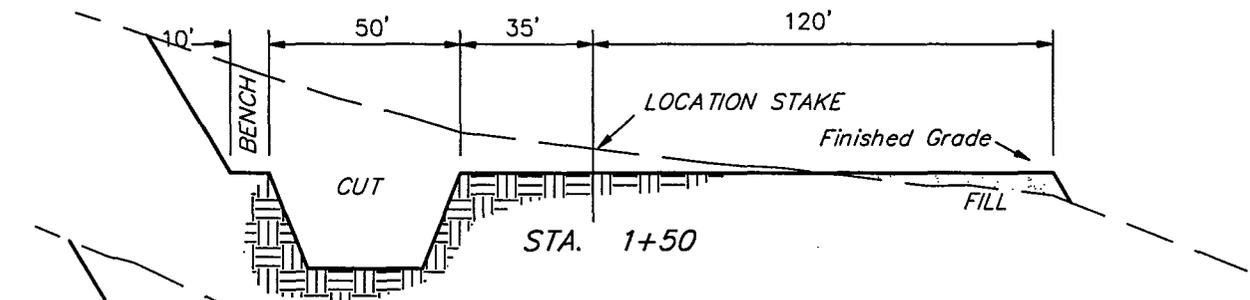
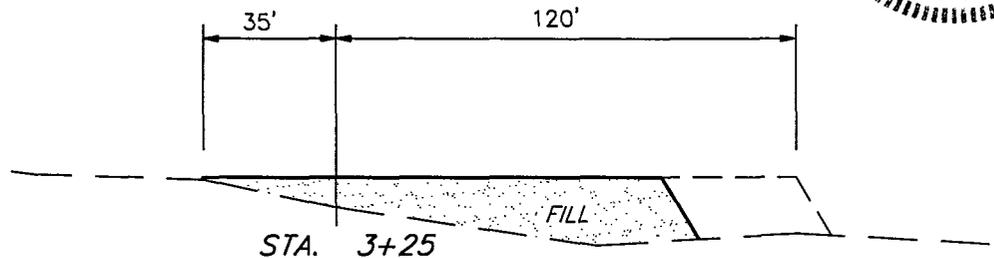
ROCK HOUSE #30

SECTION 24, T11S, R23E, S.L.B.&M.

2050' FNL 888' FWL



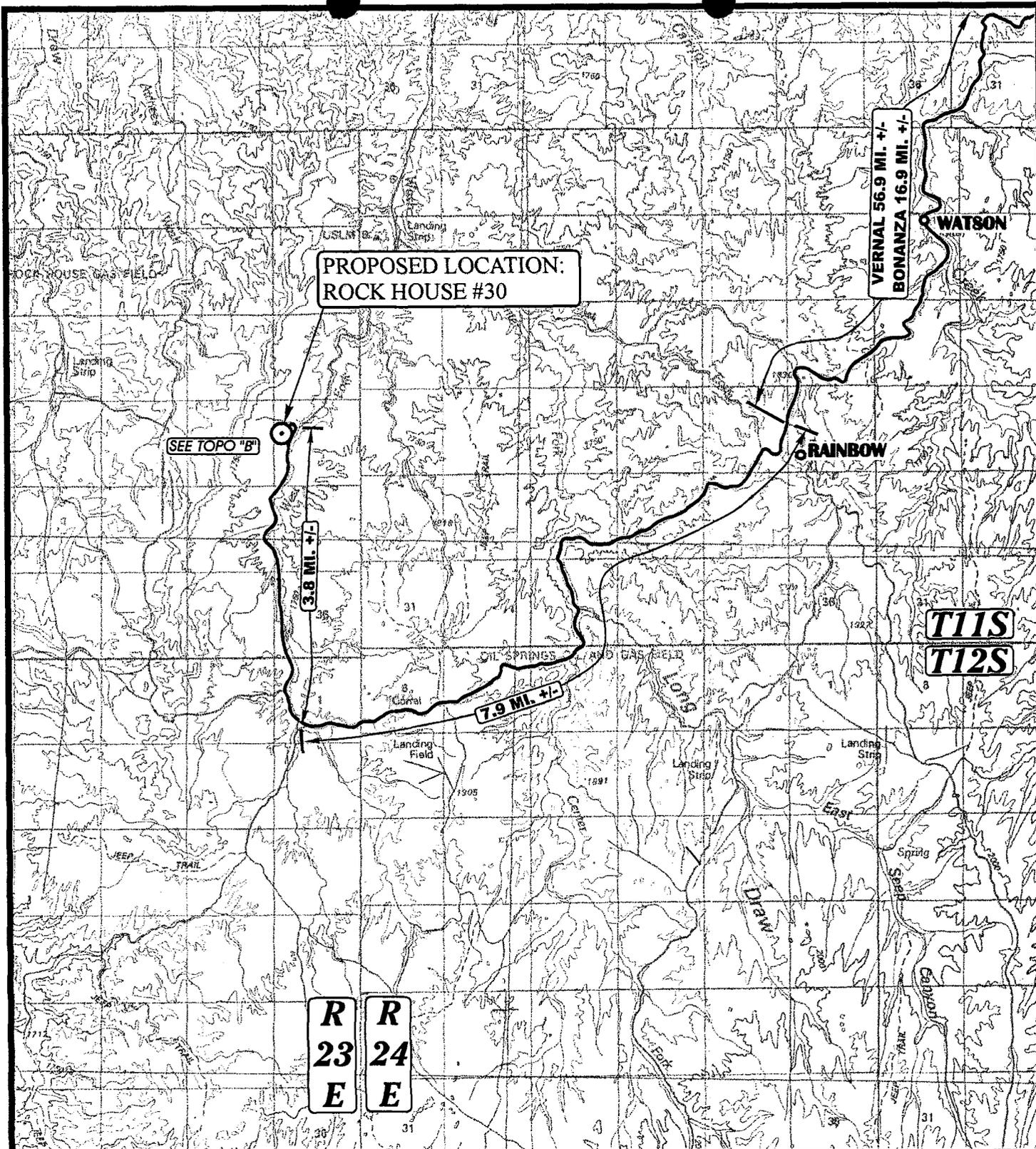
DATE: 10-14-97
Drawn By: D.R.B.



APPROXIMATE YARDAGES

(6") Topsoil Stripping	= 1,100 Cu. Yds.	EXCESS MATERIAL AFTER 5% COMPACTION	= 2,360 Cu. Yds.
Remaining Location	= 8,650 Cu. Yds.	Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,360 Cu. Yds.
TOTAL CUT	= 9,750 CU.YDS.	EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.
FILL	= 7,020 CU.YDS.		

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



**PROPOSED LOCATION:
ROCK HOUSE #30**

SEE TOPO "B"

3.8 MI. +/-

7.9 MI. +/-

VERNAL 56.9 MI. +/-

BONANZA 16.9 MI. +/-

R
23
E

R
24
E

T11S
T12S

LEGEND:

⊙ PROPOSED LOCATION



ROSEWOOD RESOURCES, INC.

**ROCK HOUSE #30
SECTION 24, T11S, R23E, S.L.B.&M.
2050' FNL 888' FWL**



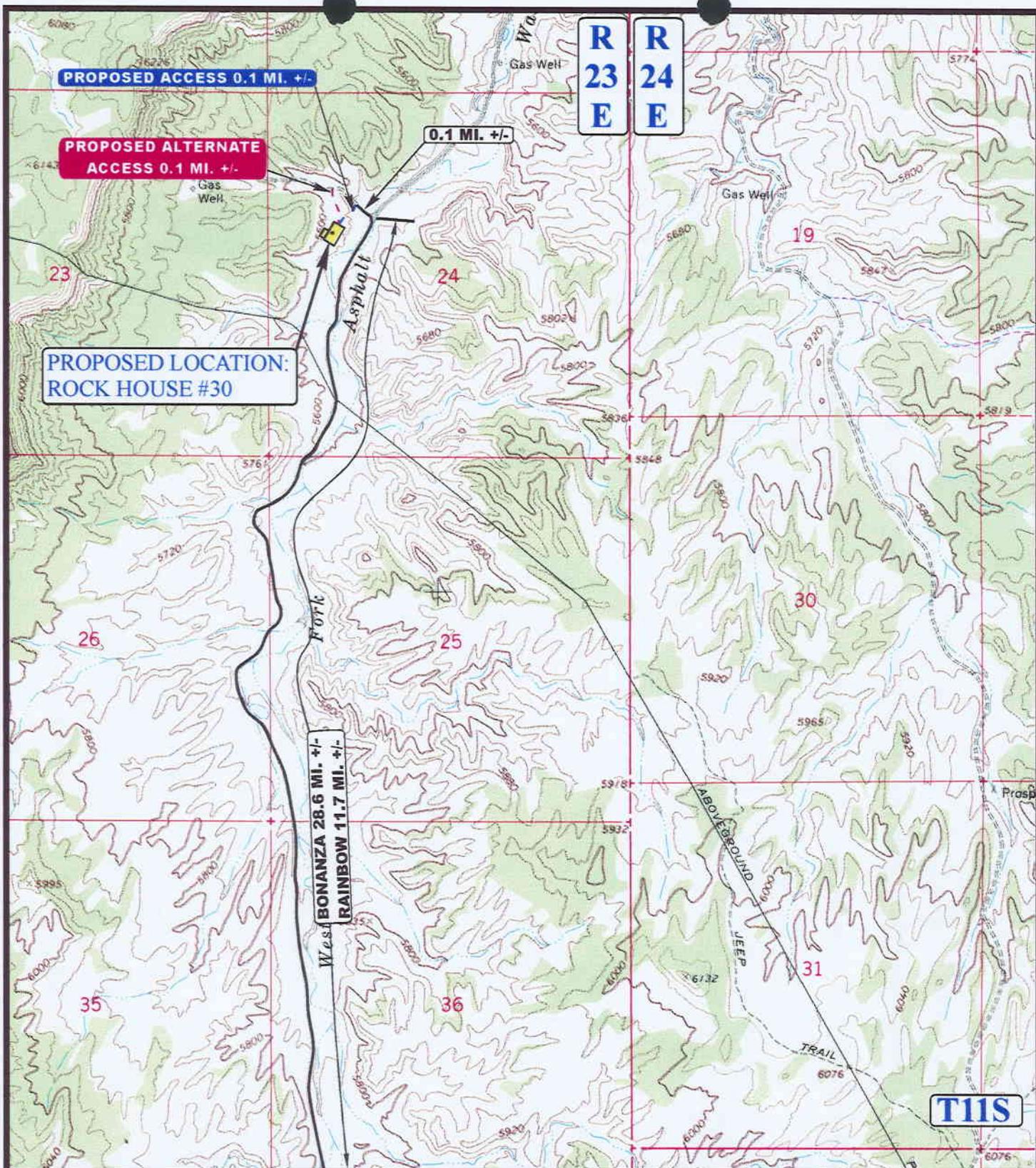
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(801) 789-1017 * FAX (801) 789-1018
Email: uels@easilink.com

**TOPOGRAPHIC
MAP**

10 13 97
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.G. REVISED: 00-00-00





R
23
E

R
24
E

T11S

LEGEND:

- - - - - PROPOSED ACCESS ROAD
- EXISTING ROAD



ROSEWOOD RESOURCES, INC.

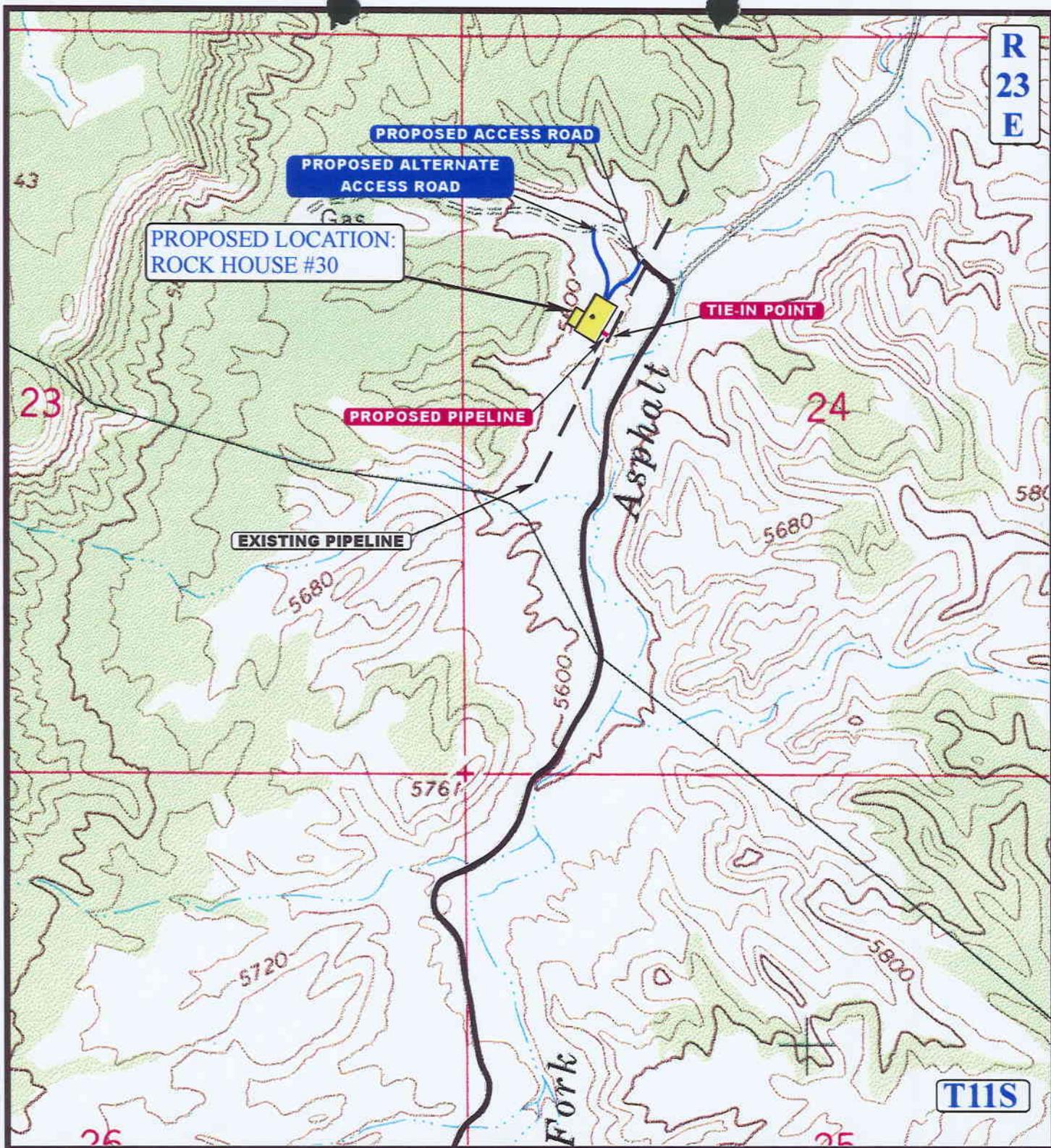
ROCK HOUSE #30
SECTION 24, T11S, R23E, S.L.B.&M.
2050' FNL 888' FWL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (801) 789-1017 * FAX (801) 789-1813
 Email: uels@easilink.com

TOPOGRAPHIC **10 13 97**
MAP MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 40' +/-

LEGEND:

- EXISTING PIPELINE
- - - PROPOSED PIPELINE
- PROPOSED ACCESS



ROSEWOOD RESOURCES, INC.

ROCK HOUSE #30
SECTION 24, T11S, R23E, S.L.B.&M.
2050' FNL 888' FWL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (801) 789-1017 * FAX (801) 789-1813
 Email: uels@easilink.com

TOPOGRAPHIC
MAP

10 13 97
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.G. REVISED: 00-00-00



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/15/97

API NO. ASSIGNED: 43-047-33030

WELL NAME: ROCK HOUSE UNIT #30
 OPERATOR: ROSEWOOD RESOURCES (N7510)

PROPOSED LOCATION:
 SWNW 24 - T11S - R23E
 SURFACE: 2050-FNL-0888-FWL
 BOTTOM: 2050-FNL-0888-FWL
 Uintah County
 ROCK HOUSE FIELD (670)

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

LEASE TYPE: FED
 LEASE NUMBER: UTU - 0780

PROPOSED PRODUCING FORMATION: MVRD

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Federal State Fee
 (Number MT-0627)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit
 (Number 49-1595)
- RDCC Review (Y/N)
 (Date: _____)

LOCATION AND SITING:

- R649-2-3. Unit: Rock House
- R649-3-2. General.
- R649-3-3. Exception.
- Drilling Unit.
 Board Cause no: _____
 Date: _____

COMMENTS: _____

STIPULATIONS: _____

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

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

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
 2050' FNL, 888' FWL, SW1/4, NW1/4, Sec. 24, T11S, R23E
 At proposed prod. zone

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 888'

16. NO. OF ACRES IN LEASE 1080

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 5500'

20. ROTARY OR CABLE TOOLS
 ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5581'

22. APPROX. DATE WORK WILL START*
 March 1, 1998

5. LEASE DESIGNATION AND SERIAL NO.
 UTU-0780

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 Rock House Unit

8. FARM OR LEASE NAME
 Rock House Unit

9. WELL NO.
 #30

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 SEC. 24, T 11 S, R 23 E.

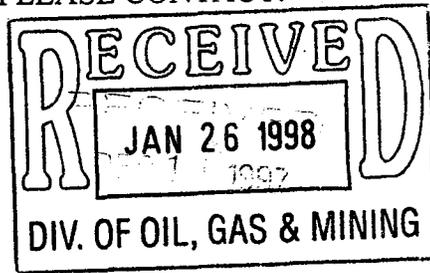
12. COUNTY OR PARISH 13. STATE
 UINTAH UT

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 AGENT DATE Nov. 28, 1997

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 Assistant Field Manager
 APPROVED BY Mark D. Leung TITLE Mineral Resources DATE JAN 20 1998
 CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Rosewood Resources, Inc.

Well Name & Number: Rockhouse 30

API Number: 43-047-33030

Lease Number: U-0780

Location: SWNW Sec. 24 T. 11 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 570 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 370 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. **One** copy 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) 781-1190
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, spend 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
Conditions of Approval (COAs)

-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 location topsoil pile should be seeded immediately after the soil is piled by broadcasting the seed, then walking the topsoil pile with the dozer to plant the seed. The seed mix is as follows:

Thickspike wheatgrass	Agropyron dasystachum	3 lbs/acre
Fourwing saltbush	Atriplex canescens	4 lbs/acre
Shadscale	Atriplex confertifolia	3 lbs/acre
Needle and Threadgrass	Stipa comata	2 lbs/acre

All poundages are in Pure Live Seed.

-Once the reserve pit is dry, it should be filled, recontoured, topsoil spread, and seeded in the same manner discussed above.



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

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

February 2, 1998

Rosewood Resources, Inc.
100 Crescent Court Ste 500
Dallas, TX 75301

Re: Rock House Unit #30, 2050' FNL, 888' FWL, SW NW
SEC. 24, T. 11 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 43-047-33030.

Sincerely,


John R. Baza
Associate Director

ls

Enclosures

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

Operator: Rosewood Resources, Inc.
Well Name & Number: Rock House Unit #30
API Number: 43-047-33030
Lease: UTU-0780
Location: SW NW Sec. 24 T. 11 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 Jim 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.
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

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-0780

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

ROCK HOUSE UNIT

8. Well Name and No.

ROCK HOUSE UNIT #30

9. API Well No.

4304733030

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)

2050' FNL 888' FWL, SW/NW Section 24, T11S, 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

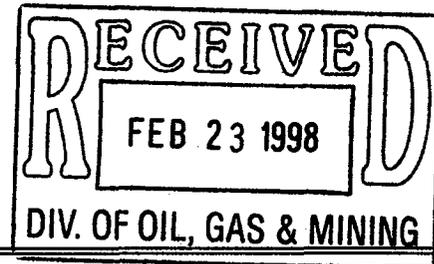
TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other _____
 Change of 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 proposes to move above mentioned location from 2050' FNL, 888' FWL, SW/NW, Section 24, T11S, R23E to 2114' FNL, 850' FWL SW/NW Section 24, T11S, R23E due to encountering a Gilsonite ore vein during the initial construction of the well pad. Attached are the new survey plats for your approval.



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

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

Signed

J. McQuillen

Title Drilling Superintendent

Date 02/20/98

(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.

T11S, R23E, S.L.B.&M.

ROSEWOOD RESOURCES, INC.

Well location, ROCK HOUSE #30, located as shown in the SW 1/4 NW 1/4 of Section 24, T11S, R23E, S.L.B.&M. Uintah County Utah.

1922 Brass Cap N89°56'W - G.L.O. (Basis of Bearings)
1.6' High, Mound of Stones
2643.10' (Measured)

N89°56'W - 40.42 (G.L.O.)

1922 Brass Cap
1.1' High, Mound of Stones

S21°54'46"E
2279.67'

2114'

ROCK HOUSE #30
Elev. Ungraded Ground = 5582'

850'

24

R
23
E

R
24
E

N89°49'W - 80.28 (G.L.O.)

8.80

N00°06'W - 40.01 (G.L.O.)

8.79

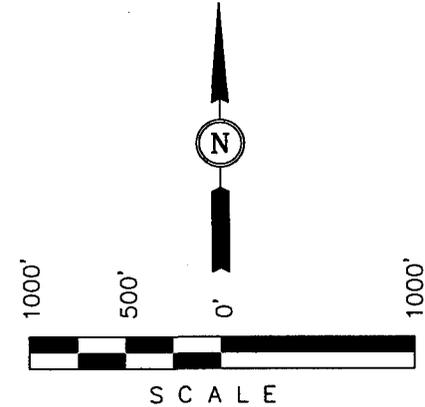
N00°03'E - 39.94 (G.L.O.)

8.85

N00°01'E - 40.08 (G.L.O.)

BASIS OF ELEVATION

BENCH MARK 87 EAM (1965) LOCATED IN THE SW 1/4 OF SECTION 1, T12S, R23E, 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 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.

NO. 161319
ROBERT L. RAY
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

Revised: 02-20-98 D.R.B.

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

LEGEND:

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

SCALE 1" = 1000'	DATE SURVEYED: 10-09-97	DATE DRAWN: 10-14-97
PARTY D.A. K.H. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE ROSEWOOD RESOURCES, INC.	

ROSEWOOD RESOURCES, INC.

LOCATION LAYOUT FOR

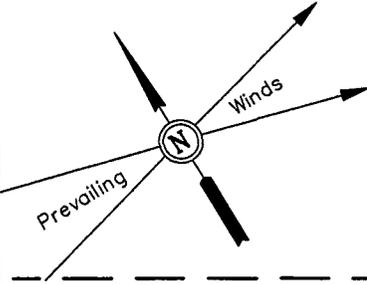
ROCK HOUSE #30

SECTION 24, T11S, R23E, S.L.B.&M.

2114' FNL 850' FWL

Proposed Access Road

GILSONITE VEIN



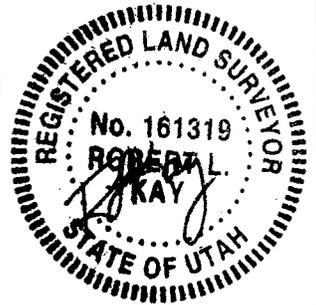
F-0.5'
El. 79.4'

F-3.4'
El. 76.5'

F-11.4'
El. 68.5'

Sta. 3+25

SCALE: 1" = 50'
DATE: 10-14-97
Drawn By: D.R.B.
Revised: 02-20-98 D.R.B.



CONSTRUCT DIVERSION DITCH



Topsoil Stockpile

DATA

Round Corners as Needed

Existing Drainage

CATWALK

PIPE RACKS

Existing Drainage

El. 88.1'
C-18.2'
(btm. pit)

El. 81.5'
C-1.6'

C-1.6'
El. 81.5'

Sta. 1+50

Approx. Top of Cut Slope

CONSTRUCT DIVERSION DITCH

El. 91.3'
C-21.4'
(btm. pit)

10' WIDE BENCH

RESERVE PITS (10' Deep)

Slope = 1:1

5

35'

RIG

DOG HOUSE

120'

F-10.1'
El. 69.8'

Approx. Toe of Fill Slope

MUD TANKS

30'

WATER

PUMP

MUD SHED

TRAILER

TOILET

FUEL

HOPPER

POWER

TOOLS

FUEL

STORAGE TANK

TRASH

Sta. 0+10

Sta. 0+00

C-5.2'
El. 85.1'

C-1.4'
El. 81.3'

F-2.4'
El. 77.5'

Reserve Pit Backfill & Spoils Stockpile

Elev. Ungraded Ground at Location Stake = 5581.5'

Elev. Graded Ground at Location Stake = 5579.9'

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

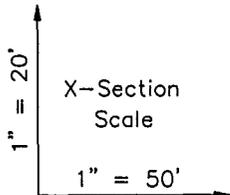
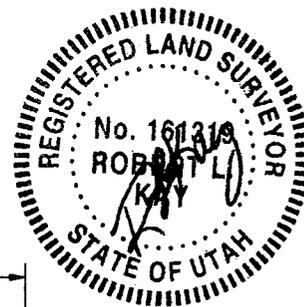
ROSEWOOD RESOURCES, INC.

TYPICAL CROSS SECTIONS FOR

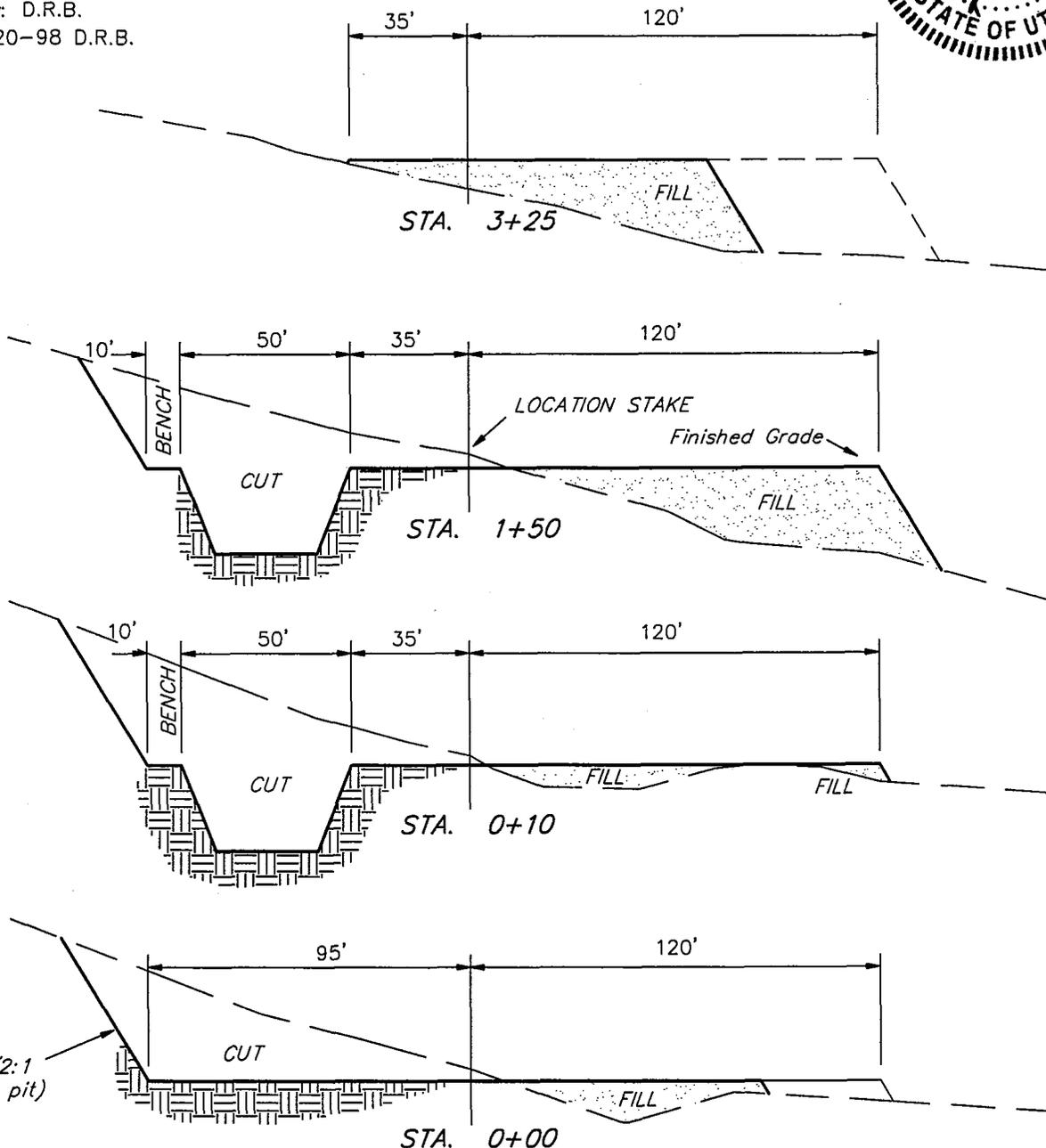
ROCK HOUSE #30

SECTION 24, T11S, R23E, S.L.B.&M.

2114' FNL 850' FWL



DATE: 10-14-97
 Drawn By: D.R.B.
 Revised: 02-20-98 D.R.B.

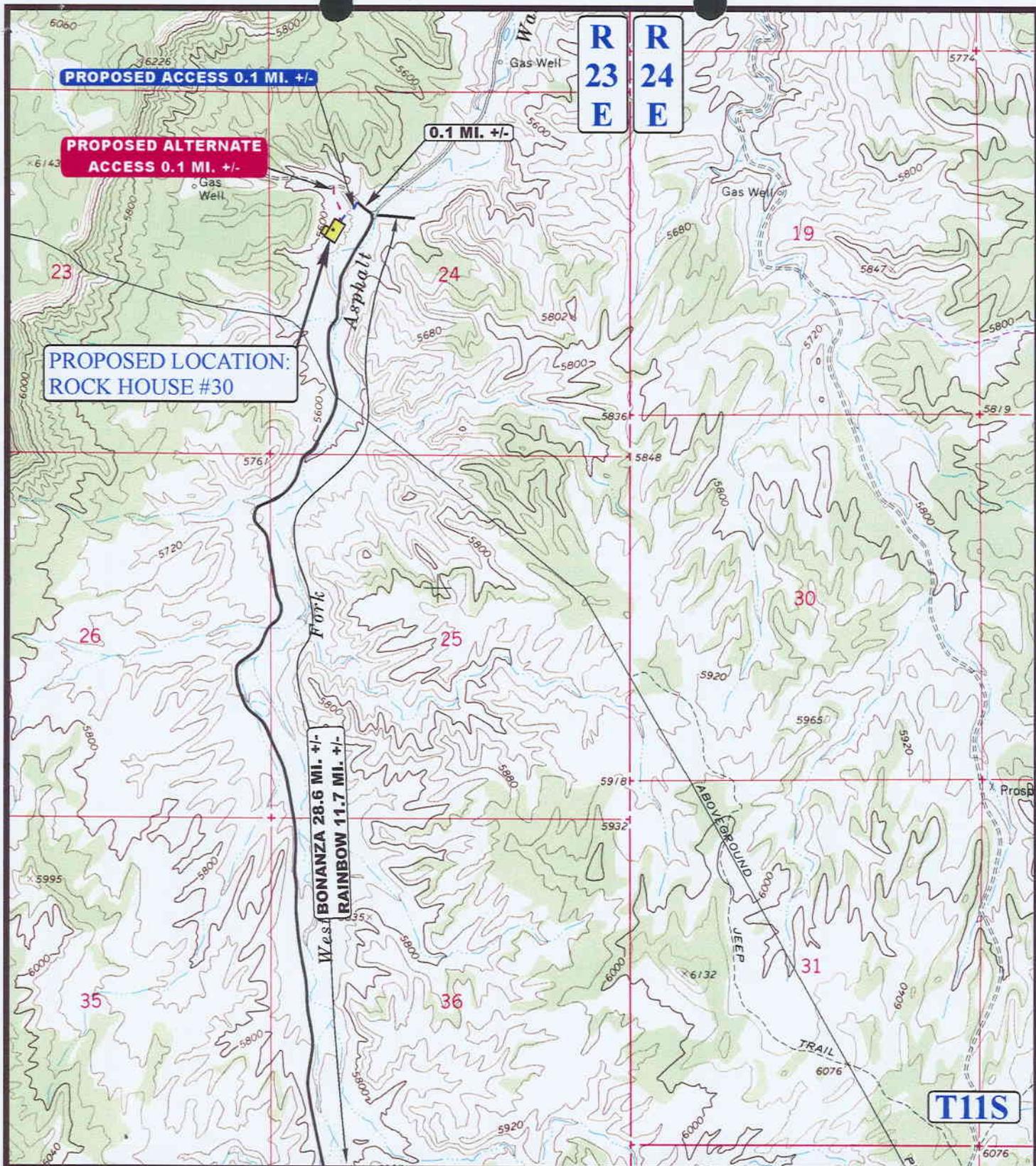


APPROXIMATE YARDAGES

(6") Topsoil Stripping	= 1,100 Cu. Yds.
Remaining Location	= 8,590 Cu. Yds.
TOTAL CUT	= 9,690 CU.YDS.
FILL	= 6,090 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 3,280 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,360 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 920 Cu. Yds.

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



LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING ROAD



ROSEWOOD RESOURCES, INC.

ROCK HOUSE #30
SECTION 24, T11S, R23E, S.L.B.&M.
2114' FNL 850' FWL

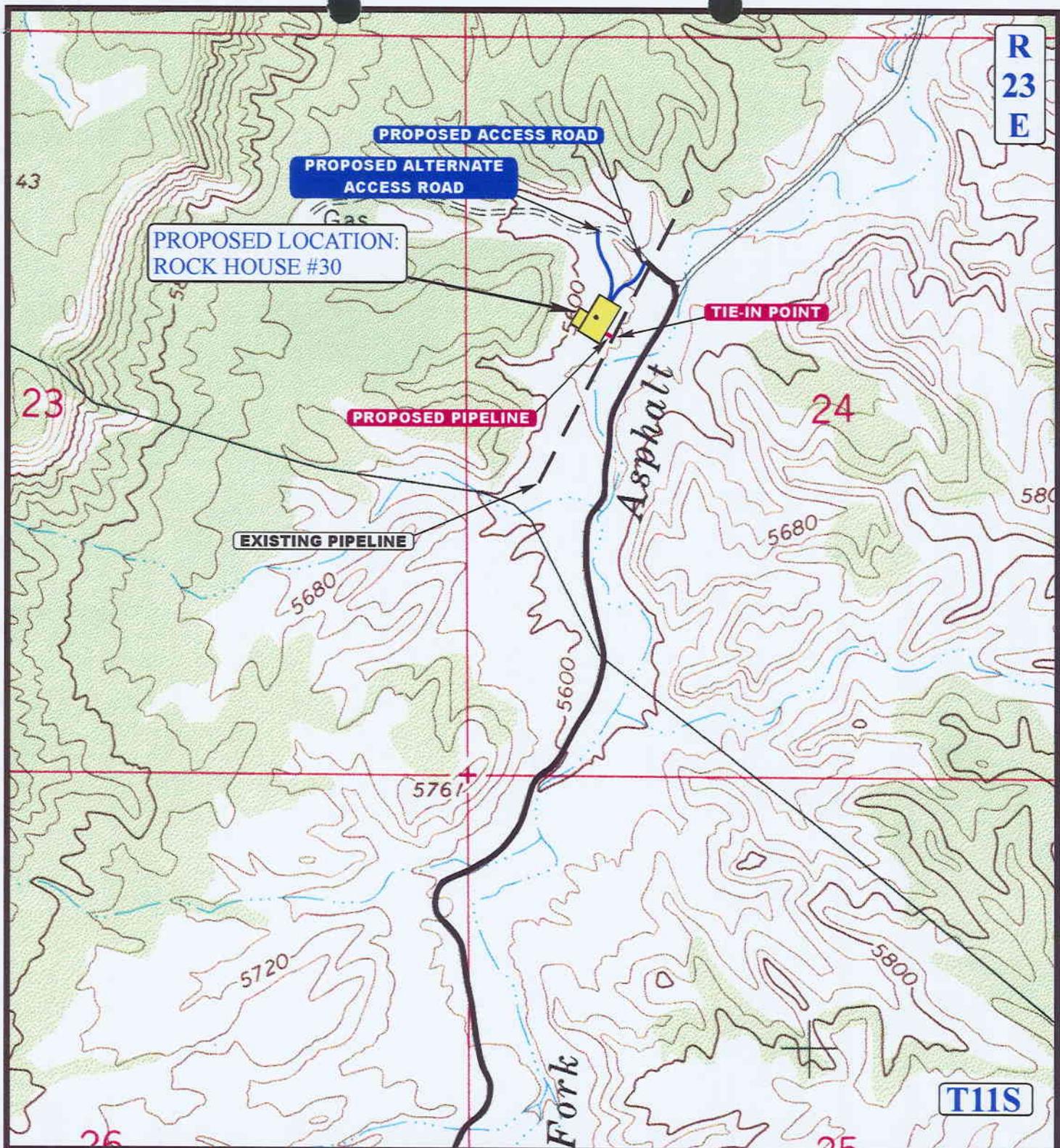


Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (801) 789-1017 * FAX (801) 789-1813
 Email: uels@easilink.com

TOPOGRAPHIC MAP **10 13 97**
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 2-20-98





APPROXIMATE TOTAL PIPELINE DISTANCE = 40' +/-

LEGEND:

-  EXISTING PIPELINE
-  PROPOSED PIPELINE
-  PROPOSED ACCESS

ROSEWOOD RESOURCES, INC.

ROCK HOUSE #30
SECTION 24, T11S, R23E, S.L.B.&M.
2114' FNL 850' FWL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (801) 789-1017 * FAX (801) 789-1813
 Email: uels@easilink.com

TOPOGRAPHIC
MAP

10 13 97
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.G. REVISED: 2-20-98



DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: ROSEWOOD RESOURCES

Well Name: ROCK HOUSE 30

Api No. 43-047-33030

Section 24 Township 11S Range 23E County UINTAH

Drilling Contractor _____

Rig # _____

SPUDDED:

Date 3/24/98

Time 7:00 AM

How DRY HOLE

Drilling will commence _____

Reported by LUCY

Telephone # 1-435-789-0414

Date: 3/25/98 Signed: JLT

✓

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-0780

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

7. If Unit or CA, Agreement Designation
ROCK HOUSE UNIT

8. Well Name and No.
ROCK HOUSE UNIT #30

9. API Well No.
43-047-33030

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)

2114' FNL 850' FWL, SW/NW Section 24, T11S, 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

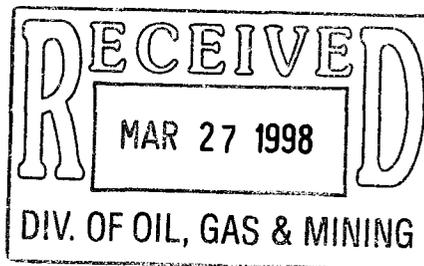
TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other Spud
 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 spud on 3/24/98 @ 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 Nesman

Title Administrative Assistant

Date 03/24/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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

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	99999	11723	4304733025	ROCK HOUSE UNIT #29	SWSW	13	11S	23E	Uintah	3/23/98	3/23/98

WELL 1 COMMENTS:

Well to be added to the Rock House Unit

Entity added 4-2-98. Jec

B	99999	11723	4304733030	ROCK HOUSE UNIT #30	SWNW	24	11S	23E	Uintah	3/24/98	3/24/98
---	-------	-------	------------	---------------------	------	----	-----	-----	--------	---------	---------

WELL 2 COMMENTS:

Well to be added to the Rock House Unit

Entity added 4-2-98. Jec

WELL 3 COMMENTS:

WELL 4 COMMENTS:

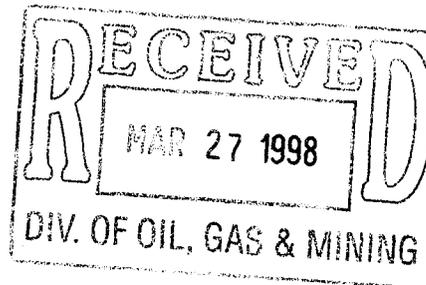
WELL 5 COMMENTS:

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 Neman
 Signature
 Admin. Assistant 3/26/98
 Title Date
 Phone No. (435) 789-0414

ROSEWOOD RESOURCES, INC.

DAILY DRILLING REPORT

LEASE: ROCK HOUSE
WELL: #30

DATE: 4/10/98

CURRENT DEPTH 2295
PROPOSED TD 4665
FOOTAGE PAST 24 HRS 1302
ENGINEER D.WIDNER
CONSULTANT Tom Thurston

PRESENT OPERATION: DRILLING

FROM	TO	ACTIVITY PAST 24 HRS:
700	1000	DRLG. 993'-1111'
1000	1145	TOOH W/DP. FUNCTION TEST BOP.
1145	1245	SERVICE RIG, CLEAN SHALE PIT.
1245	1430	TIH W/ PDC BIT, MOTOR, 10-6" DC'S + 12 JTS HWDP.
1430	1645	DRILL 1111'-1268'
1645	1700	RUN SURVEY @ 1268', 1 1/4 DEG.
1700	2245	DRILL 1268'-1767'
2245	2320	SERVICE RIG, CLEAN SHALE PIT. RUN SURVEY @ 1767', 1 1/4 DEG.
2320	545	DRILL 1767'-2264'
545	605	RUN SURVEY @ 2264', 1 1/2 DEG.
605	700	DRILL 2264'-2295'

MUD PROPERTIES:

WT	8.7	% OIL	
VIS	38	% SAND	1/8
WL	11.2	% SOLID	2.8
HTHP		ALK	.8/1.6
PV	10	Cl-	500
YP	10		

Ca+ cake	60
pH	10

DAILY MUD COST	1142
CUM. MUD COST	11960

DAILY COSTS:

FOOTAGE	27472
DAYWORK	2125
LOCATION	
MUD	1142
RIG MOVE	
SURVEYOR	
LOGGING	
MUD LOG	450
CEMENTING	
FISHING	
WATER	750
WELLHEAD	
CSG CREW	
RENTALS	525
CASING	
SUPERVISION	500
CASING HEAD	

PUMP DATA:

	1	2
MAKE	Omega	Emsco
MODEL	750	500
LINER	8X6.5	7X6
SPM	107	
PSI	920	

HYDRAULICS:

WOB	19
RPM	53
GPM	358

BIT RECORD:

Bit #	1	2
Ser#	703179	5983599
Size	7 7/8	7 7/8
Make	SEC.	SEC.
Type	ERA18C	FM2665
Jets		6-13/3-12
In @	251	1111
Out @		
Feet	742	1184
Hrs	17 1/4	15 1/2
Ft/Hr	43	76
CUM		37 3/4
Grade		

SURVEY DATA:

DEPTH	DEGREES
779	1/4
1268	1 1/4
1767	1 1/4
2264	1 1/2

TOTAL DAILY	32964
COST FORWARD	116370
CUM. TO DATE	149334

ADDITIONAL COMMENTS:

START MUD UP @ 2000', DRLG W/ FULL RETURNS
BHA= PDC BIT 1
MOTOR 32
10-DC'S 289
12 HWDP 355
TOTAL LENGTH 676

ROSEWOOD RESOURCES, INC.

DAILY DRILLING REPORT

LEASE: **ROCK HOUSE**
WELL: **#30**

DATE: **4/14/98**

CURRENT DEPTH 4813'
PROPOSED TD 4813'
FOOTAGE PAST 24 HRS 31'
ENGINEER **D.WIDNER**
CONSULTANT **TOM THURSTON**

PRESENT OPERATION: **DRILLING**

FROM	TO	ACTIVITY PAST 24 HRS:
700	815	DRILL 4782' - 4813'
815	945	CIRCULATED HOLE
945	1045	MADE 10 STD SHORT TRIP, NO DRAG
1045	1145	CIRCULATE 1 HR
1145	1530	TOOH TO RUN LOGS
1530	1600	RU SCHLUMBERGER TO RUN OPEN HOLE LOGS
1600	1900	RAN LOGS. LOGGERS TD 4812'
1900	2130	RIH W/DRILL STRING
2130	2330	CIRCULATED 2 HRS.
2330	315	POOH, LAYED DOWN DRILL STRING
315	700	RU CSG CREW, RUNNING IN HOLE W/4-1/2", J-55, 11.6# NEW CSG.

MUD PROPERTIES:

WT	9.5	% OIL	
VIS	40	%SAND	3/4
WL	7.6	%SOLID	9.1
HTHP		ALK	.3/1.3
PV	18	CI-	500
YP	10		

Ca+	60
cake	2
pH	10
DAILY MUD COST	
CUM. MUD COST	17364

DAILY COSTS:

FOOTAGE	654
DAYWORK	
LOCATION	
MUD	
RIG MOVE	
SURVEYOR	
LOGGING	10192
MUD LOG	450
CEMENTING	
FISHING	
WATER	385
WELLHEAD	
CSG CREW	
RENTALS	525
CASING	22636
SUPERVISION	500
CASING HEAD	
TOTAL DAILY	35342
COST FORWARD	212111
CUM.TO DATE	247453

PUMP DATA:

	1	2
MAKE	Omega	Emsco
MODEL	750	500
LINER	8X6.5	7X6
SPM	104	
PSI	1200	

HYDRAULICS:

WOB	20
RPM	53
GPM	358

BIT RECORD:

	1	2
Bit #		
Ser#	703179	5983599
Size	7 7/8	7 7/8
Make	Security	Security
Type	ERA18C	FM2665
Jets	3-13	6-13/3-12
In @	251'	1111'
Out @	1111'	4813
Feet	860'	3702'
Hrs	20 1/4	83 1/2
Ft/Hr	42'	44
CUM		103 3/4
Grade		

SURVEY DATA:

DEPTH	DEGREES
779'	1/4
1268'	1 1/4
1767'	1 1/4
2264'	1 1/2
2762'	1 1/4
3256'	3/4
3758'	1 1/2
4286'	1 1/2
4813	3

ADDITIONAL COMMENTS:

1 FLOAT SHOE	1.40
1 JT CSG	42.56
1 FLOAT COLLAR	1.32
58 JTS CSG	2465.67
1 STAGE TOOL	4.20
53 JTS. CSG	2257.71
TOTAL	4772.86'

ROSEWOOD RESOURCES, INC.

DAILY DRILLING REPORT

LEASE: ROCK HOUSE
WELL: #30

DATE: 4/15/98

CURRENT DEPTH 4813'
PROPOSED TD 4813'
FOOTAGE PAST 24 HRS
ENGINEER D.WIDNER
CONSULTANT TOM THURSTON

PRESENT OPERATION: RIG RELEASED

FROM	TO	ACTIVITY PAST 24 HRS:
700	740	FINISHED IN HOLE W/CSG. END OF CSG @ 4773', FLOAT COLLAR @ 4729', STAGE TOOL @ 2258'
740	1000	CIRCULATED HOLE. RD LAY DOWN MACHINE AND CSG CREW
1000	1100	RU BJ, PUMPED 500 SKS CLASS "G" CMT, W/10% GYPSUM, .4% FL-25, 1% R-3 AND 10% SALT PRECEDED BY 840 GALS MUD FLUSH, GOOD CIRCULATION THROUGHOUT JOB. BUMPED PLUG @ 10:56 A.M. 4/14/98 PLUG HELD OK. DROPPED OPENING TOOL, OPENED STAGE TOOL @ 800#, BROKE CIRCULATION
1100	1500	CIRCULATED HOLE, WOC
1500	1530	CMT 2ND STAGE W/150 SKS CLASS "C" CMT W/3% SALT, 16% GEL, 5#/SK GILSONITE & .25#/SK CELLO-FLAKE FOLLOWED BY 50 SKS CLASS "G" NEAT. GOOD CIRULATION THROUGHOUT JOB, BUMPED PLUG @ 3:22 P.M. HELD OK
1530	1630	PICKED UP BOP, HUNG 43,000# ON SLIPS, CUT OFF CSG.
1630	2130	NIPPLE DOWN, CLEAN PITS. RELEASED RIG

MUD PROPERTIES:

WT	9.6	% OIL	
VIS	40	% SAND	3/4
WL	7.6	% SOLID	9.1
HTHP		ALK	.3/1.3
PV	18	Cl-	500
YP	10		

Ca+	60
cake	2
pH	10
DAILY MUD COST	
CUM. MUD COST	17364

DAILY COSTS:

FOOTAGE	
DAYWORK	3117
LOCATION	
MUD	
RIG MOVE	
SURVEYOR	
LOGGING	
MUD LOG	450
CEMENTING	15272
FISHING	
WATER	
WELLHEAD	
CSG CREW	6498
RENTALS	525
CASING	
SUPERVISION	500
CASING HEAD	
TOTAL DAILY	26362
COST FORWARD	247453
CUM.TO DATE	273815

PUMP DATA:

	1	2
MAKE	Omega	Emsco
MODEL	750	500
LINER	8X6.5	7X6
SPM	104	
PSI	1200	

HYDRAULICS:

WOB	20
RPM	53
GPM	358

BIT RECORD:

Bit #	1	2
Ser#	703179	5983599
Size	7 7/8	7 7/8
Make	Security	Security
Type	ERA18C	FM2665
Jets	3-13	6-13/3-12
In @	251'	1111'
Out @	1111'	4813
Feet	860'	3702'
Hrs	20 1/4	83 1/2
Ft/Hr	42'	44
CUM		103 3/4
Grade		

SURVEY DATA:

DEPTH	DEGREES
779'	1/4
1268'	1 1/4
1767'	1 1/4
2264'	1 1/2
2762'	1 1/4
3256'	3/4
3758'	1 1/2
4286'	1 1/2
4813	3

ADDITIONAL COMMENTS:

FINAL REPORT

BLM NOTIFIED, NOT ON LOCATION

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-0780

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

ROCK HOUSE UNIT

8. Well Name and No.

ROCK HOUSE UNIT #30

9. API Well No.

43-047-33030

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)

2114' FNL 850' FWL, SW/NW Section 24, T11S, 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

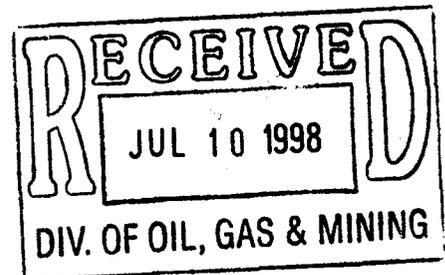
TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other weekly status
 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 REPORT - SEE ATTACHED WELL REPORT
CURRENT STATUS - PRODUCING



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

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

Signed [Signature] Title Administrative Assistant Date 06/30/98

(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: ROCK HOUSE #30****DATE: 5/15/98****DEPTH: 4813'****PBTD 4711'****PERFS: 4131' - 38' 2933' - 40'**
3802' - 08'
3341' - 45'

Lease #: U-63030C

Location: SWNW SEC. 24, 11S, R23E

County: Uintah Co., Utah

PACKER:**RBP: 3200'****CIBP:****EOT: 2882'**

Engineer D. Widner

Consultant S. Miller

5/16/98

MIRU K&S WELL SERVICE RIG #1. N/U BOP'S. P/U 3 7/8" DRAG BIT, 4 1/2" CSG SCRAPER, 4- 3 1/8" DC'S & RIH W/ 2 3/8" TBG. TAG CMT @ 2163'. DRILL TO 2213' (TBG PLUGGED) POOH W/ TBG & TOOLS. UNPLUG BIT & SCRAPER. RIH W/ SAME BHA. DRILL OUT CMT & DV STAGE COLLAR. PRESSURE TEST TO 2500#. HELD OK! RIH W/ TBG TO PBTD @ 4711'. DISPLACE WELL W/ 3% KCL WATER & TEST AGAIN TO 2500#. HELD OK! SION

DAILY COST \$28,785 CUM COS \$302,600

5/19/98

R/U SCHLUMBERGER & RUN CEMENT BOND LOG FROM PBTD TO 300' W/ 1000# SURFACE PRESSURE. EST CMT TOPS @ 370' & 2685'. R/D WIRELINE. RIH W/ 100 JTS 2 3/8" TBG & S.N. R/U & SWAB DOWN WELL TO 2500'. POOH W/ TBG. R/U & RIH W/ 3 3/8" CSG GUN & PERFORATE INTVL @ 4131'- 38' 4 SPF 28 HOLES TOTAL. NO PRESSURE. P/U XN- NIPPLE, 10' PUP JT, ARROWSET 1 PKR, ON/OFF TOOL, 1 JT TBG, X- NIPPLE & RIH W/ 130 JTS 2 3/8" TBG. SET PKR @ 4092' W/ 10K COMPRESSION. XN- NIPPLE @ 4103' X- NIPPLE @ 4057'. LAND ON HANGER. R/U & SWAB DOWN WELL W/ NO FLUID ENTRY OR PRESSURE INCREASE. PRESSURE CSG & PKR TO 2500#. PUMP DOWN TBG & BROKE PERFS W/ RIG PUMP USING 3% KCL WATER. ZONE BROKE @ 4500#. PUMPED 2 BPM @ 2000# ISIP 1600# USED 23 BBLS WATER. R/U & SWAB WELL. FL @ SURFACE. MADE 5

DAILY COST \$10,360 CUM COS \$312,960

5/20/98

CHECK PRESSURE. 14 HR SITP 900#. WELL BLEW DOWN IMMEDIATELY. R/U & SWAB WELL. FL @ 2400'. SWABBED WELL DRY IN ONE RUN & RECOVERED 3 BBLS WATER. MADE 4 MORE HOURLY RUNS W/ NO FLUID ENTRY. WELL BLOWING SMALL AMOUNT OF GAS BUT WAS TOO SMALL TO MEASURE. SION

DAILY COST \$1,750 CUM COS \$314,710

5/21/98

CHECK PRESSURE. 14 HR SITP 600#. WELL BLEW DOWN IMMEDIATELY. R/U & SWAB WELL. NO FLUID ENTRY OVERNIGHT. R/U BJ SERVICES & PUMP BREAK DOWN W/ 40 BBLS SLICK GELLED WATER & 50 BALL SEALERS. HAD GOOD BALL ACTION & BALLED OUT 25 BBLS INTO TREATMENT. SURGED BALLS OFF & CONTINUED TREATMENT & ESTABLISHED INJECTION RATE OF 7.9 BPM @ 2400#. ISIP 1350# PUMP FRAC JOB. USED 187 BBLS FLUID & 20,000# 20/40 FRAC SAND. AVG RATE 7.8 BPM MAX RATE 8 BPM AVG PSI 3240# MAX PSI 3780# ISIP 2200# 5 MIN. 1943# 10 MIN. 1666# 15 MIN. 1619#. SHUT WELL IN FOR 2 HRS. SITP 1100# START FLOWING WELL BACK ON 8/64 CHOKE FOR 30 MIN. CHANGE TO 20/64 CHOKE AND FLOW TEST WELL OVERNIGHT TO RIG TANK. RECOVERED 126 BBLS FRAC FLUID IN 17 HRS. FTP @ 5#

DAILY COST \$19,880 CUM COS \$334,590

5/22/98

WELL FLOWING ON 20/64 CHOKE. FTP 5#. OPEN WELL TO 1" & FLOW FOR 5 HRS. RECOVERED 77 BBLS FRAC FLUID. R/U & SWAB WELL. FL @ 1500'. MADE 5 RUNS & RECOVERED 34 BBLS GAS CUT FLUID. FLOW WELL 2 1/2 HRS & RECOVERED 25 BBLS WATER. HAVE RECOVERED 227 BBLS FROM FRAC TREATMENT PLUS 35 BBLS. SION

DAILY COST \$3,355 CUM COS' \$337,945

5/23/98

CHECK PRESSURE. 14 HR SITP 350#. FLOW WELL TO PIT ON 1" CHOKE FOR 2 HRS & RECOVERED 25 BBLS WATER. FTP @ 20# FLOW WELL ON 18/64 CHOKE FOR 1 HR & RECOVERED 1.5 BBLS WATER. WELL DIED. R/U & SWAB WELL. MADE 5 RUNS & RECOVERED 23.5 BBLS WATER. HAVE RECOVERED 312 BBLS WATER SINCE FRAC. RELEASE PKR & CIRC W/ 50 BBLS KCL WATER. RIH W/ TBG & TOOLS & TAG FILL @ 4560'. POOH W/ 2 3/8" TBG & TOOLS. SHUT DOWN FOR MEMORIAL DAY WEEKEND.

DAILY COST \$2,570 CUM COS' \$340,515

3

5/27/98

CHECK PRESSURE. SICP 50#. R/U SCHLUMBERGER. RIH W/ 4 1/2" CIBP & SET @ 4100'. TEST PLUG & CSG TO 2500#. HELD OK! RIH W/ BAILER & DUMP 2 sx CEMENT ON CIBP. R/D WIRELINE. RIH W/ 100 JTS 2 3/8" TBG & SEAT NIPPLE. R/U & SWAB WELL DOWN TO 2500'. POOH W/ TBG. R/U WIRELINE & RIH W/ 3 3/8" CSG GUN. PERFORATE INTVL @ 3802'- 08' 4 SPF 24 HOLES TOTAL. R/D WIRELINE. P/U XN- NIPPLE, 6" PUP JT, 4 1/2" ARROWSET 1 PKR, ON/OFF TOOL, 1 JT 2 3/8" TBG, X- NIPPLE & RIH W/ 119 JTS 2 3/8" TBG. SET PKR @ 3751'. LAND TBG ON HANGER @ 3765'. TEST CSG & TOOLS TO 2500#. HELD OK! R/U & SWAB WELL. TBG SWABBED DRY IMMEDIATELY. R/U & BREAK DOWN PERFS W/ RIG PUMP & USING 3% KCL WATER. ZONE BROKE @ 3500#. AVG 1.5 BPM @ 2100# ISIP 1800# (.91 FRAC GRAD.) USED 22 BBLS 3% KCL WTR TOTAL. R/U & SWAB WELL. WELL SWABBED DRY IN 3 RUNS & RECOVERED 15 BBLS WATER W/ SLIGHT GAS BLOW. WAITED 30 MIN & MADE ADDITIONAL RUN W/ NO FLUID

DAILY COST \$8,655 CUM COS' \$349,170

5/28/98

CHECK PRESSURE. SICP 450#. R/U & SWAB WELL. FL @ 3000'. MADE 1 RUN & RECOVERED 1/2 BBL WATER. R/U RIG PUMP & PUMP INTO PERFS. AVG 1 BPM @ 1800# ISIP 1700# (.88 FRAC GRADIENT) USED 18 BBLS 3% KCL WATER DURING BREAKDOWN. R/U & SWAB WELL. MADE 3 CONSECUTIVE & 2 HOURLY RUNS & RECOVERED 15 BBLS WATER. LAST 2 HOURLY RUNS WERE DRY. RELEASE PKR & POOH W/ 2 3/8" TBG & TOOLS. SION

DAILY COST \$2,965 CUM COS' \$352,135

5/30/98

CHECK PRESSURE. SICP 1100# OPEN WELL TO PIT ON 1" CHOKE. WELL BLEW DOWN IN 30 MIN. R/U & RIH W/ SWAB. MADE ONE RUN W/ NO FLUID RECOVERY. FLOW TEST WELL ON 18/64 CHOKE FOR 3 HRS. FTP STABILIZED @ 50#. OPEN WELL & RIH W/ SWAB. NO FLUID ENTRY. FLOW TEST WELL 3 MORE HRS ON 18/64 CHOKE. FTP @ 50#. SHUT IN WELL

DAILY COST \$2,540 CUM COS' \$362,130

6/2/98

CHECK PRESSURE. SITP 1000# OPEN WELL TO TANK ON 2" CHOKE & BLOW PRESSURE TO 0#. R/U SLICKLINE UNIT. RIH W/ BLANKING PLUG & SET IN XN- NIPPLE @ 3296'. R/D SLICKLINE. RELEASE FROM ON/OFF TOOL. TEST TOOLS TO 2500#. HELD OK! R/U & SWAB WELL DOWN TO 2500'. POOH W/ 2 3/8" TBG & TOOLS. R/U SCHLUMBERGER. RIH W/ 3 3/8" CSG GUN & PERFORATE INTVL @ 2933'- 40' 4 SPF 28 HOLES TOTAL. R/D SCHLUMBERGER. WELL STARTED FLOWING. FLOW WELL TO PIT ON 1" CHOKE & FLOW BACK LOAD VOLUME. INSTALL 18/64 CHOKE & FLOW WELL 2 HRS. FCP STABILIZED @ 150#. INSTALL 14/64 CHOKE FOR 3 1/2 HRS. FCP STABILIZED @ 300#. SION

DAILY COST \$6,307 CUM COS' \$368,437

6/3/98

CHECK PRESSURE. SICP 1100# OPEN WELL TO PIT ON 2" CHOKE. WELL BLEW DOWN IN 15 MIN. R/U SCHLUMBERGER. RIH W/ 4 1/2" RBP & SET @ 3200'. RIH W/ 4 1/2" ARROWSET 1 PKR, 6'-2 3/8" PUP JT & XN- NIPPLE W/ BLANKING PLUG INSTALLED. SET PKR @ 2870' (EOT @ 2882') R/D WIRELINE TRUCK. P/U ON/OFF TOOL, 1 JT 2 3/8" TBG, X- NIPPLE & RIH W/ 92 JTS TBG & 1-2' PUP JT. LAND TBG ON HANGER W/ 10K COMPRESSION ON PKR. R/U SLICKLINE TRUCK. RIH & RELEASE BLANKING PLUG. POOH W/ PLUG & R/D SLICKLINE UNIT. R/U HES & FRAC TREAT INTVL @ 2933'-40'. USED 15,200# 20/40 FRAC SAND & 153 BBLs FLUID. BROKE DOWN PERFS W/ PAD FLUID. ZONE BROKE @ 5300# ISIP 1015# CONTINUE TREATMENT. AVG RATE 8 BPM, AVG PSI 2440#, MAX RATE 8.5 BPM, MAX PSI 5300# ISIP 1858# 5 MIN 1624# 10 MIN 1407# 15 MIN 1162#. R/D HES. SHUT WELL IN FOR 2 HRS. SITP 300#. OPEN WELL & FLOW TO TANK ON 14/64 CHOKE FOR 30 MIN. INSTALL 18/64 CHOKE & FLOW WELL OVERNIGHT. RECOVERED 109 BBLs FLUID. HAVE 44 BLTR. FTP @ 1080#. EST 1870 MCFD RATE.

DAILY COST \$31,065 CUM COS \$399,502

6/4/98

CONTINUE FLOWING WELL TO TANK ON 18/64 CHOKE. FTP 1080#. RECOVERED 8BBLs WATER. INSTALL 16/64 CHOKE & FLOW WELL 2 HRS. FTP STABILIZED @ 1165# EST FLOW RATE 1590 MCFD. RECOVERED 12 BBLs WATER. R/U SLICKLINE TRUCK. RIH & SET BLANKING PLUG IN XN- NIPPLE @ 2882'. N/D BOP'S & N/U WELLHEAD. RIG DOWN & RELEASE COMPLETION RIG. RECOVERED 20 BBLs FLUID TODAY. HAVE 24 BLTR. PREP. TO PUT WELL ON PRODUCTION THIS AM.

DAILY COST \$5,460 CUM COS \$404,962

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-0780

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

7. If Unit or CA, Agreement Designation
ROCK HOUSE UNIT

8. Well Name and No.
ROCK HOUSE UNIT #30

9. API Well No.
43-047-33030

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)
2114' FNL 850' FWL, SW/NW Section 24, T11S, 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

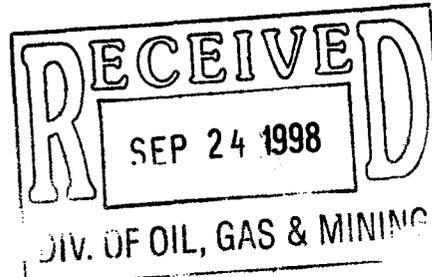
TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other _____
 Change of 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.)*

Produced water will be tanked on location and then trucked to the state approved TU & FRUM Disposal Facility located in Section 12, T5S, R19E, Uintah County. Produced water will be reported on the Monthly MMS-3160 from.



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 09/21/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

1b. TYPE OF WELL

OIL WELL
 GAS WELL
 DRY
 Other _____
 NEW WELL
 TURN OVER
 DEEP EN
 FLAG BACK
 DIFF RESVR.
 Other _____

5. LEASE DESIGNATION AND SERIAL NO.

UTU-0780

6. IF INDIAN, ALLOTTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

ROCK HOUSE UNIT

8. FARM OR LEASE NAME, WELL NO.

ROCK HOUSE UNIT #30

2. NAME OF OPERATOR

ROSEWOOD RESOURCES, INC.

3. ADDRESS AND TELEPHONE NO.

P. O. BOX 1668, VERNAL, UT 84078

435-789-0414

9. API WELL NO.

43-047-33030

10. FIELD AND POOL OR WILDCAT

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

At Surface

2114' FNL 850' FWL SW/NW

At top prod. Interval reported below

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

SEC. 24, T11S, R23E
SLB & M

At total depth

14. PERMIT NO.

DATE ISSUED

1/20/98

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

15. DATE SPUDDED

3/24/98

16. DATE T.D. REACHED

4/13/98

17. DATE COMPL. (Ready to prod.)

6/4/98

18. ELEVATIONS (OF, RKB, RT, GR, ETC.)*

5582' GR

19. ELEV. CASINGHEAD

5596' KB

20. TOTAL DEPTH, MD & TVD

4813' MD

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

4711' TD
3200' RBP

22. IF MULTIPLE COMPL. HOW MANY

TVD

23. INTERVALS

ROTARY TOOLS

320'-4813'

CABLE TOOLS

NA

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

WASATCH 2933' - 46'

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

MUG LOG, CNLD/GR, BHCSP/POR, PE/ML/GR, A/LC/GR, CB

DIV OF OIL, GAS & MINING

27. WAS WELL CORED

NO

23. 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
8-5/8" J-55	24#	320'	12 1/4"	SURF - 320 SX "G" + ADD	
4-1/2" J-55	11.6#	4773'	7 7/8"	2163' - Stg 1 - 500 SX "G"	
				360' - Stg 2 - 150 SX "G" & 50 SX "G" net	
				Stage Tool @ 2258	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	2882'	3200'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	NUMBER
4131' - 38'	0.37	28
3802' - 08'	0.37	24
2933' - 40'	0.37	28

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4131' - 38'	7854 gals fluid, 20,000# 20/40 sd
2933' - 40'	6426 gals fluid, 15,200# 20/40 sd

33.* PRODUCTION 5225-80' FRAC 94,300# 20/40 SAND

DATE FIRST PRODUCTION 6/4/98
 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Flowing
 WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 6/5/98
 HOURS TESTED 24
 CHOKE SIZE 14/64"
 PROD'N. FOR TEST PERIOD ---->
 OIL--BBL. 1.67
 GAS--MCF. 1180
 WATER--BBL. 21
 GAS-OIL RATIO

FLOW. TUBING PRESS. 1180#
 CASING PRESSURE
 CALCULATED 24-HOUR RATE ---->
 OIL--BBL. 1.67
 GAS--MCF. 1180
 WATER--BBL. 21
 OIL GRAVITY-API (CORR.)

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

Sales/fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED

[Signature]

TITLE

ADMINISTRATIVE ASSISTANT

DATE

10/2/98

*(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.

OPERATOR ROSEWOOD RESOURCES INC

OPERATOR ACCT. NO. N 7510

ADDRESS _____

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	11723	2025	43-047-33030	ROCK HOUSE UNIT 30	SWNW	24	11 S	23 E	UINTAH	3-24-98	4-02-98
WELL 1 COMMENTS: ENTITY ADDED 4-2-98 IN ERROR; WRONG UNIT. CHANGED TO CORRECT ENTITY NUMBER 10-6-98 PER LUCY NEMEC. -KDR											
C	11723	2025	43-047-33025	ROCK HOUSE UNIT 29	SWSW	13	11 S	23 E	UINTAH	3-23-98	4-06-98
WELL 2 COMMENTS: ENTITY ADDED 4-6-98 IN ERROR; WRONG UNIT. CHANGED TO CORRECT ENTITY NUMBER 10-6-98 PER LUCY NEMEC. -KDR											
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)

KRISTEN D. RISBECK *KDR*
Signature

Title

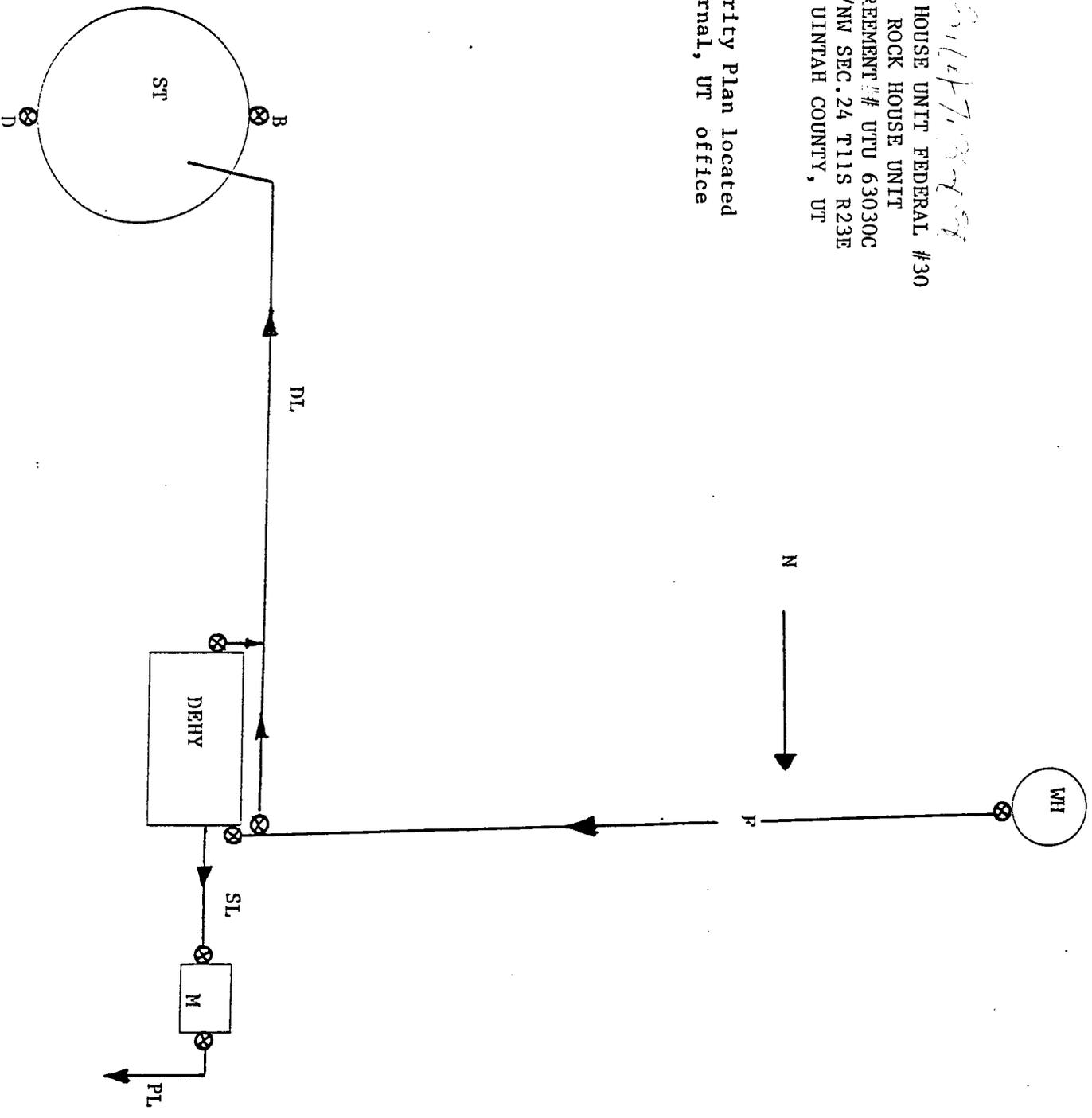
10-6-98
Date

Phone No. () _____

ROSEWOOD RESOURCES, INC.
VERNAL, UTAH

9/21/67
ROCK HOUSE UNIT FEDERAL #30
ROCK HOUSE UNIT
AGREEMENT # UTU 63030C
SW/NW SEC. 24 T11S R23E
UINTAH COUNTY, UT

Site Security Plan located
in the Vernal, UT office



LEGEND

F	FLOWLINE
DL	DUMP/BLOWDOWN LINE
CL	CONDENSATE LINE
SL	SALES LINE
PL	WILDHORSE PIPELINE
WH	WELLHEAD
SEP	SEPARATER
ST	STORAGE TANK
WT	WATER TANK
⊗	VALVE
A ⊗	SEALED CL VALVE
B ⊗	SEALED SALES VALVE
D ⊗	SEALED DRAIN VALVE
M	GAS METER
PU	PUMPING UNIT
DEHY	GAS DEHYDRATER
COMP	GAS COMPRESSOR
C ⊗	EQUALIZER LINE

ATTACHMENT TO PRECEDING SITE FACILITY DIAGRAMS

General sealing of valves - sales are by tank gauging.

Production Phase: All drain valves (D) and sales valves (B) are sealed closed. The fill valve (A) and equalizer valve (C) are open and unsealed on the producing tank. The equalizer valve (C) on another tank is open and unsealed to allow production to flow to a spare tank in the event of an upset.

Sales Phase: The tank from which sales are being made will be isolated by sealing close the fill line (A), equalizer line (C), and drain valve (D) prior to shipping. After these valves are sealed closed, the top gauge will be taken. The sales valve (B) on the isolated sales tank will be broken and opened for sales. After sales, the sales valve (B) is sealed closed and the closing gauge is taken. The fill valve (A) and equalizer valve (C) seals are broken and the valves opened, when production is turned back into this tank.

Draining Phase: The tank being drained will be isolated by sealing closed the sales valve (B) and the other drain valves (D) on the other tanks. The top gauge will be taken prior to opening the drain valve (D). The water is drained off and the drain valve (D) is sealed closed and the top gauge is retaken.

<u>Sealed Valves</u>	<u>Producing</u>	<u>Shipping</u>	<u>Draining</u>
A-Fill Valve	open	closed	open
B-Shipping Valve	closed	open	closed
C-Equalizer Valve	open	closed	open
D-Drain Valve	closed	closed	open
E-Hot-oil Valve	closed	closed	closed