

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL                       DEEPEN                       PLUG BACK

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

2. NAME OF OPERATOR  
 Wildrose Resources Corporation

3. ADDRESS OF OPERATOR  
 2555 Cherryridge Road, Englewood, CO 80110 PH: 303-761-9831

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 1472' FNL & 2150' FEL (SW $\frac{1}{4}$ NE $\frac{1}{4}$ )  
 At proposed prod. zone  
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Location is 28 miles southeast of Myton, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 Lease line - 1267'

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 None

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5087' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" new	24# J-55	400'	300 sx Class H + add.
7-7/8"	5-1/2" new	14 & 15 1/2 # J-55	6400'	300 sx Lite + 700 sx Class H

1. Drill 12 1/4" hole and set 8-5/8" surface casing to 400' with good returns.
2. Log BOP checks in daily drill reports and drill 7-7/8" hole to 6400'.
3. Run logs and run 5 1/2" casing if productive.
4. Perforate and stimulate as needed and put on production.

EXHIBITS ATTACHED:

- A - Location and Elevation Plat
- B - Ten Point Compliance Program
- C - Blowout Preventer Diagram
- D - Multi-point Requirements for A.P.D.
- E - Access Road Map to location
- F - Radius Map of Field
- G - Drill Pad Layout, Drill Rig Layout and Cut - Fill Cross Section
- H - Production Facilities Layout
- I - Designation of Operator

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.

SIGNED Kay J. Kattenbach TITLE Engineer DATE November 15, 1984

(This space for Federal or State office use)

PERMIT NO. 43-847-31594 APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING  
 DATE: 12/26/84  
 BY: John R. Baga

5. LEASE DESIGNATION AND SERIAL NO.  
 14-20-H62-3693

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Uteland Butte

9. WELL NO.  
 4-1

10. FIELD AND POOL, OR WILDCAT  
 Unnamed Wildcat

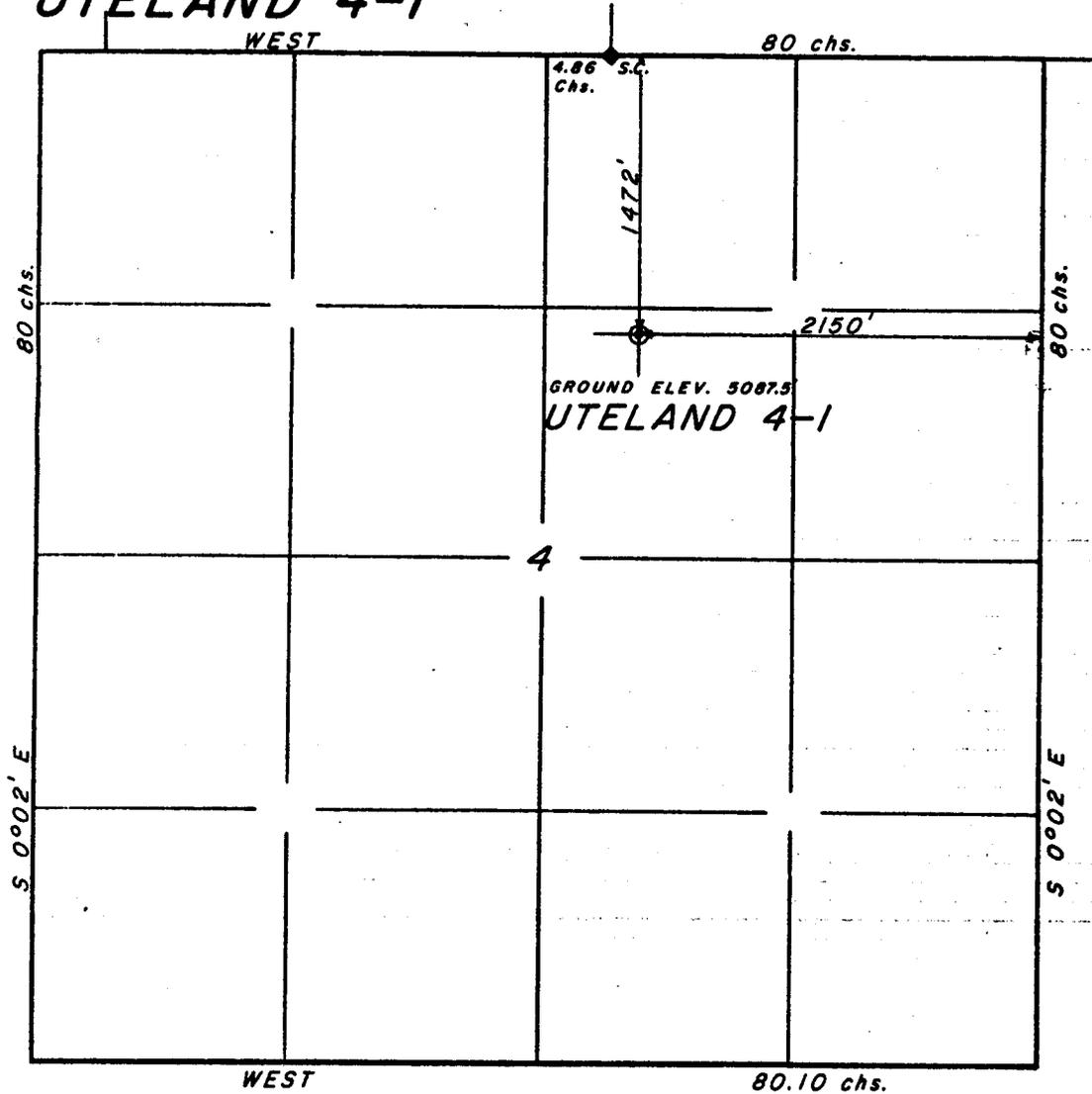
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec 4 - T5S - R2E

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

RECEIVED  
 DEC 17 1984  
 DIVISION OF  
 OIL, GAS & MINING

**WILDROSE RESOURCES CORP.  
WELL LOCATION PLAT  
UTELAND 4-1**

LOCATED IN THE SW $\frac{1}{4}$  OF THE NE $\frac{1}{4}$   
OF SECTION 4, T5S, R2E, USB&M.



**LEGEND & NOTES**

◆ ORIGINAL STONE MONUMENT FOUND AND USED  
BY THIS SURVEY.

THE GENERAL LAND OFFICE PLAT WAS USED  
FOR REFERENCE AND CALCULATIONS.

THE BASIS OF BEARINGS FOR THIS SURVEY WAS  
DETERMINED BY SOLAR OBSERVATION.

**SURVEYOR'S CERTIFICATE**

I hereby certify that this plat was prepared  
from field notes of an actual survey  
performed by me, during which the shown  
monuments were found or established.

*Jerry D. Allred*  
Jerry D. Allred, Registered Land  
Surveyor, (Cert. No. 3817 (Utah))



**JERRY D. ALLRED & ASSOCIATES**  
Surveying & Engineering Consultants

121 North Center Street  
P.O. Drawer C  
DUCHESNE, UTAH 84021  
(801) 738-5362

EXHIBIT B

TEN POINT COMPLIANCE PROGRAM OF NTL-6 APPROVAL OF OPERATIONS

1. The Geologic Surface Formation

The surface formation is the Uintah (Tertiary).

2. Estimated Tops of Important Geologic Markers

Green River	1800'
Wasatch Tongue	6200'
Total Depth	6400'

3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

No water bearing zones are anticipated

Green River 3600' - 6200' Oil

4. The Proposed Casing Program

<u>HOLE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE(OD)</u>	<u>WEIGHT, GRADE, JOINT</u>	<u>NEW OR USED</u>
12 $\frac{1}{4}$ "	0 - 300'	300'	8-5/8"	24# K-55 ST&C	New
7-7/8"	0-6400'	6400'	5-1/2"	14 & 15 $\frac{1}{2}$ # J-55 ST&C	New

Cement Program -

Surface Casing: 225 sacks Class "G" plus 2% CaCl<sub>2</sub>

Production Casing: 300 sacks Lite Cement and 700 sacks Class "G" with additives

5. The Operator's Minimum Specifications for Pressure Control

EXHIBIT "C" is a schematic diagram of the blowout preventer equipment. The BOP's will be hydraulically tested to half of working pressure after nipping up and after any use under pressure. Pipe rams will be operationally checked each 24 hour period, as will blind rams and annular preventer each time pipe is pulled out of the hole. Such checks of BOP will be noted on daily drilling reports.

Accessories to BOP will include an upper and lower kelly cock, floor safety valve, drill string BOP and choke manifold with pressure rating equivalent to the BOP stack.

6. The Type and Characteristics of the Proposed Circulating Muds

Mud system will be gel-chemical with adequate stocks of sorptive agents on site to handle possible spills of fuel and oil on the surface. Heavier muds will be on location to be added if pressure requires.

<u>DEPTH</u>	<u>TYPE</u>	<u>WEIGHT #/gal</u>	<u>VISCOSITY sec/qt</u>	<u>FLUID LOSS cc</u>	<u>PH</u>
0-6200'	Fresh Water	8.4 - 8.6	28 - 30	N/C	--
6200 - 6400'	LSND	8.6 - 8.8	35 - 40	12 - 15	9.0

7. The Auxiliary Equipment to be Used

- a) An upper and lower kelly cock will be kept in the string.
- b) A float will be used at the bit.
- c) A mud logging unit and gas detecting device will be monitoring the system.
- d) A stabbing valve will be on the floor to be stabbed into the drill pipe when kelly is not in the string.

8. The Testing, Logging and Coring Programs to be Followed

- a) No Drill Stem Tests will be run.
- b) The Logging Program: Dual Induction-SFL 300' - T.D.  
Formation Density-CNL 3600' - T.D.
- c) No coring is anticipated.
- d) Stimulation procedures will be determined after evaluation of logs. If treatment is indicated, appropriate Sundry Notice will be submitted for approval.

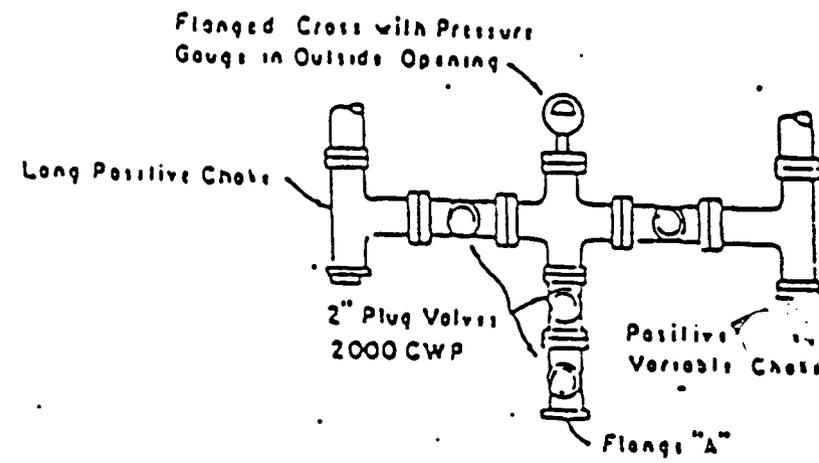
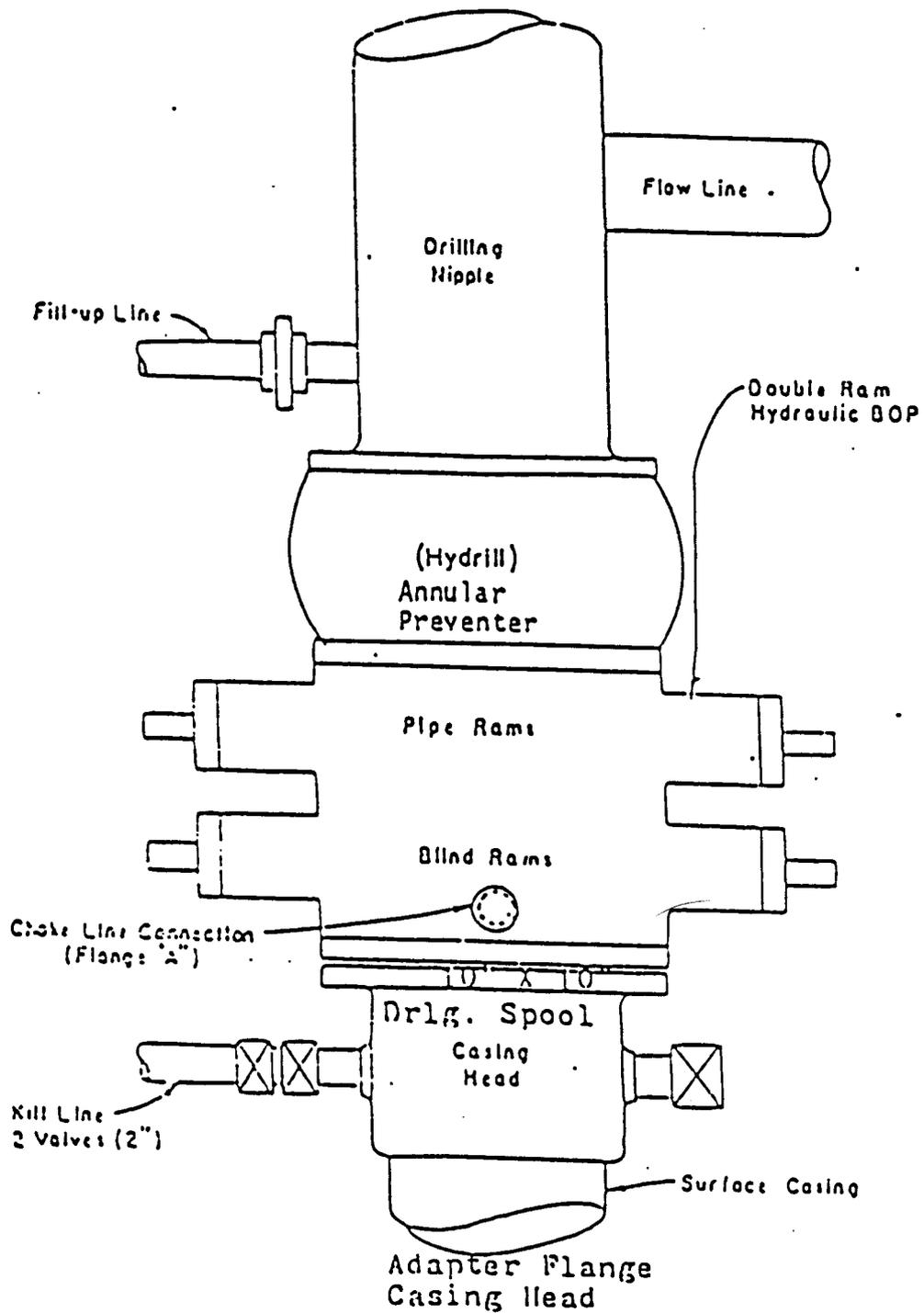
9. Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is 2000 psi  $\pm$ .

No hydrogen sulfide or other hazardous fluids or gases have been found, reported or known to exist at these depths in the area.

10. Anticipated Starting Date and Duration of the Operations

The anticipated starting date is set for December 15, 1984, or as soon as possible after examination and approval of drilling requirements. Operations will cover 10 days for drilling and 14 days for completion.



PLAN VIEW - CHOKE MANIFOLD

EXHIBIT "C"  
 Blowout Preventer  
 Diagram



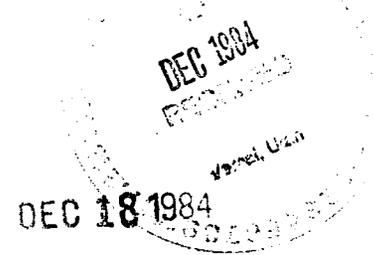
United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

UINTAH AND OURAY AGENCY

Fort Duchesne, Utah 81026

(801) 722-2406 Ext. 33, 34



IN REPLY REFER TO:

Real Property Management  
Ten. and Mgmt.

MEMORANDUM

TO: District Manager, Bureau of Land Management

FROM: Superintendent, Uintah and Ouray Agency

SUBJECT: Wildrose Resources Corp., Well 4-1  
in the NE 1/4, Section 4, T. 5 S., R. 2 E., Uinta meridian,  
Utah.

We (concur with or, recommend) approval of the Application for Permit to Drill  
subject well.

Based on available information on December 18, 1984 we have cleared the  
proposed location in the following areas of environmental impact.

- YES X NO        Listed threatened or endangered species.
- YES X NO        Critical wildlife habitat.
- YES X NO        Archaeological or cultural resources.
- YES        NO        Air quality aspects (to be used only if project is  
in or adjacent to a Class I area of attainment)
- YES        NO        Other (if necessary)

REMARKS: Rotate well lay out 90° clockwise, line pits with  
native clay and commercial Bentonite.

The necessary surface protection and rehabilitation requirements are as per  
approved APD.

*M. Allen Core*

DIVISION/AREA	INITIAL	ASSIGNED
Administration		
Resources		
Operations		
REC'D		
DEC 20 1984		
BUREAU OF LAND MGMT. VERNAL, UTAH		
Director		
Asst. Dir.		
Bookclerk		
All Employees		

OPERATOR Wildrose Resources Corp. DATE 12-20-84  
WELL NAME Utland Bttle #4-1  
SEC SW NE 4 T 5S R 2E COUNTY Utah

43-047-31594  
API NUMBER

Indian  
TYPE OF LEASE

CHECK OFF:

- |   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> PLAT  | <input checked="" type="checkbox"/> BOND  | <input checked="" type="checkbox"/> NEAREST WELL        |
| <input checked="" type="checkbox"/> LEASE | <input checked="" type="checkbox"/> FIELD | <input checked="" type="checkbox"/> POTASH OR OIL SHALE |

PROCESSING COMMENTS:

No other wells within 1000'  
water permit 12/27/84  
Water permit Curry Leasing - 47-1711

APPROVAL LETTER:

- SPACING:  A-3 \_\_\_\_\_ UNIT  c-3-a \_\_\_\_\_ CAUSE NO. & DATE
- c-3-b  c-3-c

STIPULATIONS:

~~Water~~  
2 - Exception location  
3 - BOP - 3000 psi - 8 5/8"



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

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

December 26, 1984

Wildrose Resources Corporation  
255 Cherryridge Road  
Englewood, Colorado 80110

Gentlemen:

Re: Well No. Uteland Butte #4-1 - SW NE Sec. 4, T. 5S, R. 2E  
1472' FNL, 2150' FEL - Uintah County, Utah

Approval to drill the above referenced oil well is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Submittal to the Division of information justifying the necessity for an exception location and verification of ownership within a radius of 500 feet of the proposed location.
2. Blowout prevention equipment with a minimum of 3000 psi working pressure should be used after drilling out of 8 5/8" casing.

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

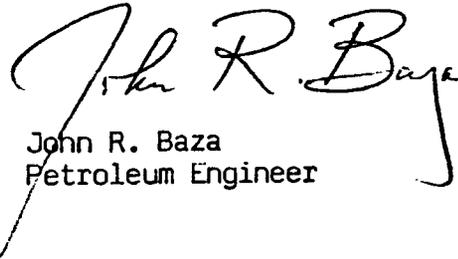
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Wildrose Resources Corporation  
Well No. Uteland Butte #4-1  
December 26, 1984  
Page 2

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31594.

Sincerely,

A handwritten signature in cursive script that reads "John R. Baza". The signature is written in dark ink and is positioned above the typed name and title.

John R. Baza  
Petroleum Engineer

as  
Enclosures  
cc: Branch of Fluid Minerals  
Bureau of Indian Affairs



WILDROSE RESOURCES CORPORATION

Utah Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

December 27, 1984

RE: Exception Location  
Uteland Butte #4-1  
SW $\frac{1}{4}$ NE $\frac{1}{4}$  Section 4 - T5S - R2E  
Uintah County, Utah

RECEIVED  
DEC 31 1984

DIVISION OF  
OIL, GAS & MINING

Gentlemen:

Pursuant to my conversation with Arlene Sollis this day, the Uteland Butte #4-1 is located less than 500' from a quarter - quarter line due to topography. The center of the SW $\frac{1}{4}$ NE $\frac{1}{4}$  is located on the face of a butte, requiring the location to moved to its present spot. (A topo map is attached).

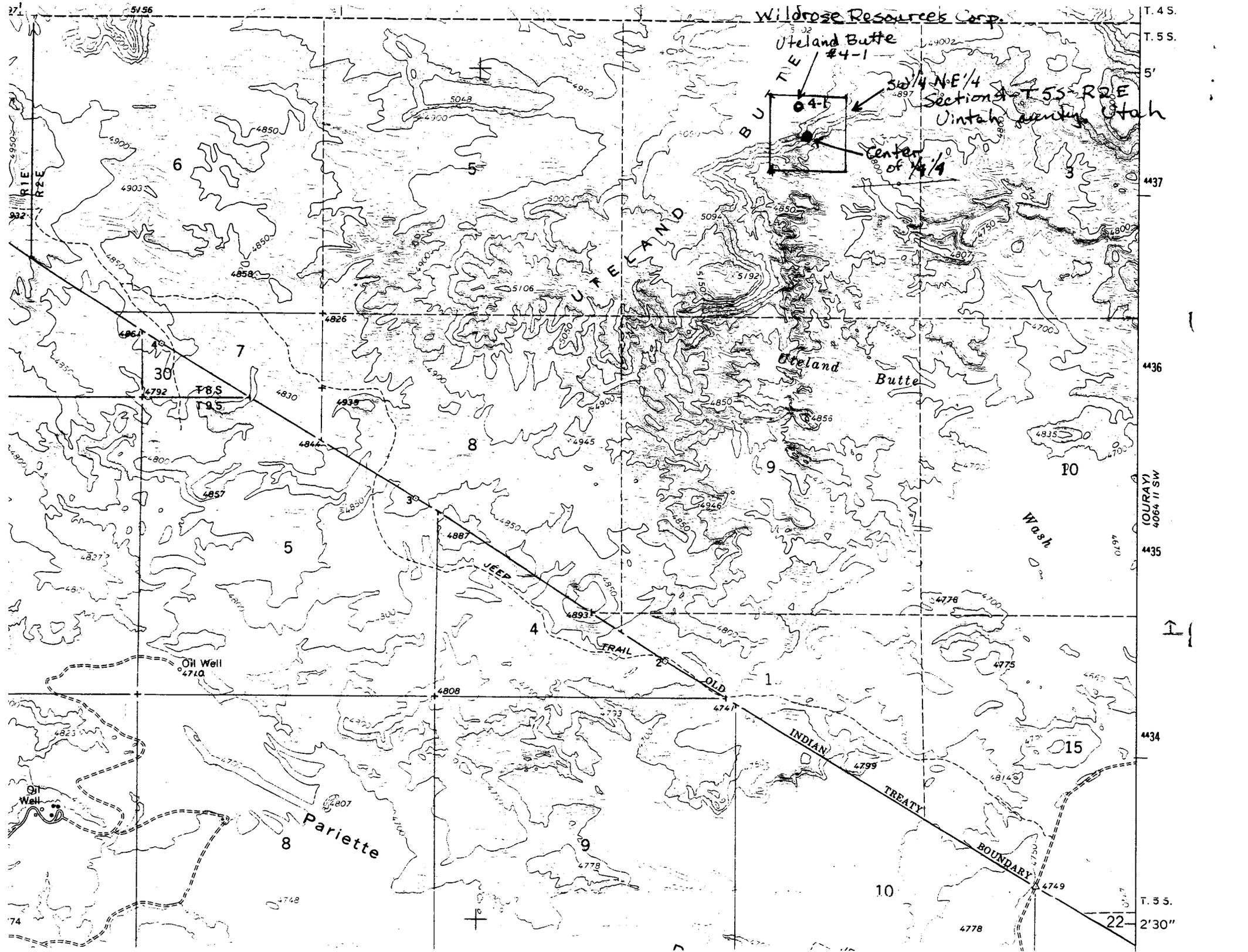
Also, this certifies that all lands within 500' of the location are owned by Wildrose Resources Corporation. The closest lease boundary is 1267' from this location.

If any other information is needed please let me know.

Very truly yours,

Wildrose Resources Corporation

*Kary J. Kaltenbacher*  
Kary J. Kaltenbacher



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

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>14-20-H62-3693</b>
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>Ute</b>
2. NAME OF OPERATOR <b>Wildrose Resources Corporation</b>		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR <b>2555 Cherryridge Road, Englewood, CO 80110 PH: 303-761-9831</b>		8. FARM OR LEASE NAME <b>Uteland Butte</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface <b>1472' FNL &amp; 2150' FEL (SW<math>\frac{1}{4}</math>NE<math>\frac{1}{4}</math>)</b> At proposed prod. zone <b>Same</b>		9. WELL NO. <b>4-1</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>Location is 28 miles southeast of Myton, Utah</b>		10. FIELD AND POOL, OR WILDCAT <b>Unnamed</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) <b>Lease line - 1267'</b>	16. NO. OF ACRES IN LEASE <b>538.8</b>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec 4 - T5S - R2E</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>None</b>	19. PROPOSED DEPTH <b>6400'</b>	12. COUNTY OR PARISH   13. STATE <b>Uintah   Utah</b>
20. ROTARY OR CABLE TOOLS <b>Rotary</b>		17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5087' GR</b>		22. APPROX. DATE WORK WILL START* <b>December 15, 1984</b>

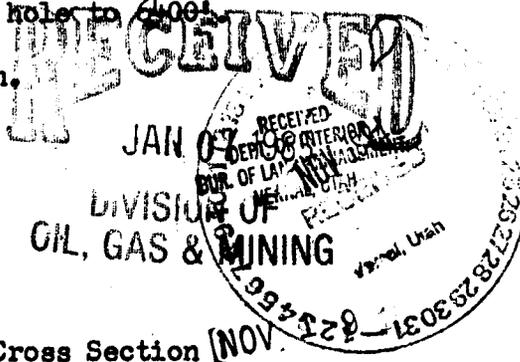
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" new	24# J-55	400'	300 sx Class H + add.
7-7/8"	5-1/2" new	14 & 15 1/2 # J-55	6400'	300 sx Lite + 700 sx Class H

1. Drill 12 1/4" hole and set 8-5/8" surface casing to 400' with good returns.
2. Log BOP checks in daily drill reports and drill 7-7/8" hole to 6400'.
3. Run logs and run 5 1/2" casing if productive.
4. Perforate and stimulate as needed and put on production.

**EXHIBITS ATTACHED:**

- A - Location and Elevation Plat
- B - Ten Point Compliance Program
- C - Blowout Preventer Diagram
- D - Multi-point Requirements for A.P.D.
- E - Access Road Map to location
- F - Radius Map of Field
- G - Drill Pad Layout, Drill Rig Layout and Cut - Fill Cross Section
- H - Production Facilities Layout
- I - Designation of Operator



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 Kay J. Kattenbeck TITLE Engineer DATE November 15, 1984

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY [Signature] TITLE DISTRICT MANAGER DATE 1-2-85  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

**NOTICE OF APPROVAL**  
Ut 080-5 M-047

**CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY**

Div OG+M

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL  
WITHIN THE UINTAH OURAY RESERVATION

Company Wildrose Resources Corporation Well No. 4-1  
Location Sec. 4 T5S R2E Lease No. 14-20-H62-3693  
Onsite Inspection Date 11-29-84

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

A. DRILLING PROGRAM

1. All fresh 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

Minimum 3000 psi working pressure prevention related equipment shall be installed and tested prior to drilling out the surface casing shoes. In accordance with API RP 53, 3000 psi BOP stacks will be equipped with an annular bag-type preventer. The ram-type preventers will be tested to 2000 psi, and the annular shall be tested to 1500 psi.

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

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

4. Mud Program and Circulating Medium

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.

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 authorized officer (AO).

6. Anticipated Starting Dates and 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 spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

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.

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 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

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 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.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

B. THIRTEEN POINT SURFACE USE PLAN

1. Planned Access Roads

Right-of-way needed from BIA.

Length: .06 miles.

Width: 30' right-of-way - 18' running surface.

All travel will be confined to existing access road rights-of-way.

If the surface rights are owned by the Ute Indian Tribe and mineral rights are owned by another entity, an approved right-of-way will be obtained from the BIA before the operator begins any construction activities. If the surface is owned by another entity and the mineral rights are owned by the Ute Indian Tribe, rights-of-way will be obtained from the other entity.

2. Location of Tank Batteries and Production Facilities

All permanent (on site for six months or longer) structures constructed or installed (including oil well pumpjacks) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain 5 State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain  $1\frac{1}{2}$  times the storage capacity of the battery.

Tank batteries will be placed on the southwest corner between points 5 and 6.

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

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

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

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

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be con-

ducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

3. Source of Construction Material

If fill materials are needed to construct roads and well sites, proper permits will be obtained. A copy of the permit needed to obtain water will be attached to the application if water is to be used for the drilling. Information for permits will include: (a) the approximate amount of water or materials needed, (b) location and ownership of the water rights or materials to be used and, (c) the approximate amount of time the water or materials will be required.

Water will be hauled from Pariette Draw.

4. Methods of Handling Waste Disposal

Storage tanks will be used if drill sites are located on tribal irrigable land or on lands under crop production. All reserve pits will be lined with a bentonite liner.

Burning will not be allowed. All trash must be contained and disposed of by a trash cage and hauled to an approved sanitary landfill.

Produced waste water will be confined to a lined pit for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

5. Ancillary Facilities

Camp facilities will not be required.

6. Well Site Layout

The reserve pit will be located on the southeast corner of the location between points 4 and 5.

The stockpiled topsoil will be stored on the west side of the location between points 7 and 8.

Access to the well pad will be from the southwest between points 6 and 7.

Reserve pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire.

Operator's employees, including subcontractors, will not gather firewood along roads constructed by operators. If wood cutting is required, a permit will be obtained from the Forestry Department of the BIA pursuant to 25 CFR 169.13 "Assessed Damages Incident to Right-of-Way Authorization". All operators, sub-contractors, vendors and their employees or agents may not disturb saleable timber (including firewood) without a duly granted wood permit from the BIA Forester.

7. Plans for Restoration of Surface

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

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed. If a plastic nylon reinforced liner is used, it should be torn and shredded before backfilling of the reserve pit.

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

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

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

Seed will be broadcast or drilled at a time specified by the BIA. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

The following seed mixture will be used: to be determined by the BIA at time of restoration.

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed within 90 days of well completion - weather permitting.

Abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include: (a) reestablishing irrigation systems where applicable, (b) reestablishing soil conditions in irrigated fields in such a way as to insure cultivation and harvesting of crops, and (c) insuring revegetation of the disturbed areas to the specifications of the BIA at the time of abandonment.

The operator will submit a plan of controlling noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. A list of noxious weeds can be obtained from the appropriate country extension office.

8. Surface and Mineral Ownership

Indian surface and minerals.

9. Other Information

(1). Rotate location 90 degrees clockwise.

There will be no deviation from the proposed drilling and/or work-over 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.

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

A cultural resource clearance will be required before any construction begins. If any cultural resources are found during construction, all work will stop and the AO will be notified.

This 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.

10. Lessee's or Operators Representative and Certification

Operator employees, including subcontractors, will not carry firearms or other weapons that may be used to kill game animals.

Operator employees, including subcontractors, will be confined to established roads and well sites. The purpose of this is to prevent soil erosion, and to prevent harassment of game animals or livestock with off-road vehicles such as snowmobiles, motorcycles, or 4-wheel drives.

All roads constructed by operators on the Uintah and Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction. They will state: (a) the name of the operator, (b) that firearms are prohibited to all non-Ute Tribal members, (c) that permits must be obtained from the B.I.A. before cutting firewood or other timber products and (d) only authorized personnel permitted.

A bench mark will be established near each well site at a location where it will not be destroyed. The bench mark will be a brass cap set in concrete. The brass cap will show the well number and elevation to the nearest one-tenth of a foot. The cuts and fills diagram for the well site will show elevations in relation to the bench mark.

## DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API #43-047-31594

NAME OF COMPANY: WILDROSE RESOURCES CORP.WELL NAME: UTELAND BUTTE #4-1SECTION SW NE 4 TOWNSHIP 5S RANGE 2E COUNTY UintahDRILLING CONTRACTOR Bill Martin

RIG # \_\_\_\_\_

SPUDDED: DATE 1-17-85TIME 10:00 AMHOW Dry HOle SpudDRILLING WILL COMMENCE Olson Drilling Rig #2 (Approx. 1-23-85)REPORTED BY Kary KaltenbacherTELEPHONE # 303-761-9831DATE 1-21-85 SIGNED SB

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other  Dry Hole

2. NAME OF OPERATOR  
Wildrose Resources Corporation

3. ADDRESS OF OPERATOR  
2555 Cherryridge Rd, Englewood, CO 80110

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1472' FNL & 2150' FEL  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

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

5. LEASE NO. 14-20-H62-3693

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Uteland Butte

9. WELL NO. 4-1

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 4 - T5S - R2E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO. 43-047-31594

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5087' GR

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*  
Per BLM and State verbal approval of 2/1/85. This well was plugged as follows on 2/2/85:

Plug #1: 3400' - 3600' 60 sx Class 'A'  
Plug #2: 1800' - 2000' 60 sx Class 'A'  
Plug #3: 300' - 500' 60 sx Class 'A'  
Plug #4: 0' - 80' 25 sx Class 'A'

Geologic Tops: Green River - 1900' Wasatch Tongue - 6284' TD - 6400'

8-5/8" casing set @ 413' - cemented to surface w/ 275 sx

7-7/8" hole drilled to TD of 6400'

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Ken J. Kattler TITLE Vice President DATE February 4, 1985

(This space for Federal or State office use)

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

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

\*See Instructions on Reverse  
DATE: 2/20/85  
BY: John R. Dargatzis

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

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

56 64 01

7

WELL COMPLETION OR RECOMPLETION REPORT RECEIVED

5. LEASE DESIGNATION AND SERIAL NO.  
14-20-H62-3693  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
Uteland Butte  
9. WELL NO.  
4-1  
10. FIELD AND POOL, OR WILDCAT  
Wildcat  
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Section 4 - T5S-R2E

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_  
b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_  
FEB 07 1985

2. NAME OF OPERATOR  
Wildrose Resources Corporation

3. ADDRESS OF OPERATOR  
2555 Cherryridge Rd, Englewood, CO 80110 (303-761-9831)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1472' FNL & 2150' FEL (SW 1/4 NE 1/4)  
At top prod. interval reported below Same  
At total depth Same

14. PERMIT NO. 43-047-31594  
DATE ISSUED 1/2/85

12. COUNTY OR PARISH Uintah  
13. STATE Utah

15. DATE SPUNDED 1/17/85  
16. DATE T.D. REACHED 1/3/85  
17. DATE COMPL. (Ready to prod.) 2/2/85  
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5087' GR  
19. ELEV. CASINGHEAD -----

20. TOTAL DEPTH, MD & TVD 6400'  
21. PLUG, BACK T.D., MD & TVD -----  
22. IF MULTIPLE COMPL., HOW MANY\* -----  
23. INTERVALS DRILLED BY -----  
ROTARY TOOLS 0' - TD  
CABLE TOOLS -----

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
P & A  
25. WAS DIRECTIONAL SURVEY MADE  
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN  
ISFL & FDC-CNL  
27. WAS WELL CORRD  
No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	----	40'	20"	8 yards	None
8-5/8"	24	413'	7-7/8"	275 Sx (to surface)	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
N/A				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A		

31. PERFORATION RECORD (Interval, size and number)  
N/A

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
N/A	

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
N/A		P & A

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

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

35. LIST OF ATTACHMENTS  
ISFL, FDC-CNL

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED [Signature] TITLE Vice President DATE 2/5/85

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

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in 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) (if any) 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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Green River	1900'	1900'
				Wasatch Tongue	6284'	6284'
				Total Depth	6400'	6400'

2/1/85  
1330 hrs.

Wildrose Res.

Uteland Butte 4-1 (→ Indian)  
Sec. 4, T55, R2E  
Wintoh Co

TD = 6400

8 5/8 @ 413 cont. to surf.

Plugs

- ① 3400 - 3600
- ② 1800 - 2000
- ③ 300 - 500
- ④ 25 sx @ surf.

Kary Kaltenbacher

→ BLM approval from Jerry Kenczka