

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  
 Wildrose Resources Corporation

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface: 1852' FSL & 1858' FWL  
 At proposed prod. zone: Same

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

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 1150'

16. NO. OF ACRES IN LEASE  
 1514.04

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.  
 5200'

19. PROPOSED DEPTH  
 6,200' GRRV

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4967'

22. APPROX. DATE WORK WILL START\*  
 September 15, 1991

5. LEASE DESIGNATION AND SERIAL NO.  
 U-51081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Federal

9. WELL NO.  
 23-30

10. FIELD AND POOL, OR WILDCAT <sup>590</sup>  
 Eight Mile Flat North

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA  
 Sec. 30, T8S, R18E, SLM

12. COUNTY OR PARISH  
 Uintah

13. STATE  
 Utah

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"	24#, J-55	300'	225 BX
7-7/8"	5-1/2"	14 & 15 1/2#, J-55	6200'	1000 BX

SEE ATTACHED EXHIBITS:

- A - Surveyors Plat
- B - 10 Point Plan
- C - B.O.P. Diagram
- D - 13 Point Surface Use Program
- E - Access Road Map & Existing Wells
- F - Production Facilities
- G - Pit and Pad Layout, Cuts and Fills
- H - Cross Sections and Dirt Quantities
- I - Well Site Layout (Rig)

RECEIVED

AUG 19 1991

DIVISION OF  
OIL GAS & MINING

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 Kary J. Katterbael TITLE Vice President DATE August 14, 1991

(This space for Federal or State office use)

PERMIT NO. 43-047-30078 APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 8-23-91

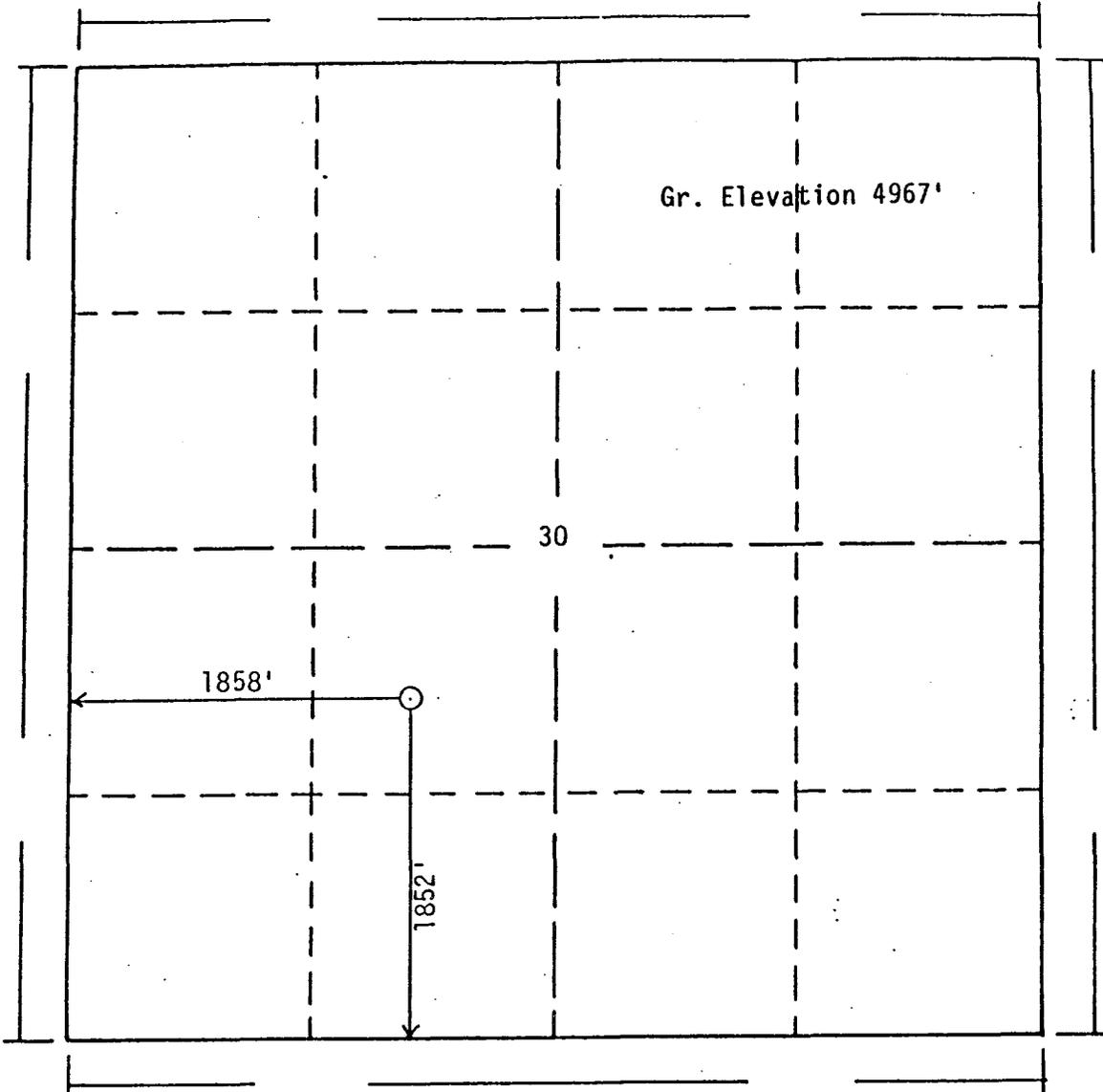
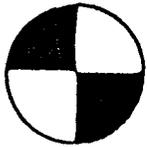
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ BY: J.M. Matthews WELL SPACING 615-3-2

\*See Instructions On Reverse Side

POWERS ELEVATION CO., INC.  
P.O. Box 440889  
Aurora, CO 80044  
(303) 321-2217

ALL POWERS ELEVATION CO., INC.  
elevations originate from  
accepted U.S. Benchmarks

R. 18E



500 0 500 1000 1500 2500



SCALE IN FEET

EXHIBIT A

Powers Elevation Co., Inc. of Denver, Colorado has in accordance with a request from Kary Kaltenbacher for Wildrose Resources Corp. determined the location of Federal 23-30

to be 1852' fs1, 1858'' fw1 Section 30 , Township 8S  
Range 18E of the Uintah 1875 Principal Meridian,  
Uintah County, Utah

I hereby certify that this plat is an accurate representation of a correct survey showing the location of Federal 23-30

Licensed Land Surveyor No. 8894  
State of New Mexico



Date: August 10, 1991

EXHIBIT BTEN POINT COMPLIANCE PROGRAM OF NTL-6 APPROVAL OF OPERATIONS1. The Geologic Surface Formation

The surface formation is the Uintah (Tertiary).

2. Estimated Tops of Important Geologic Markers

Green River	1700'
Wasatch Tongue	6140'
Total Depth	6200'

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

No water bearing zones are anticipated

Green River 4000' - 6200' Oil

4. The Proposed Casing Program

<u>HOLE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE(OP)</u>	<u>WEIGHT, GRADE, JOINT</u>	<u>NEW OR USED</u>
12.25"	0 - 300'	300'	8-5/8"	24# K-55 ST&C	New
7-7/8"	0 - 6200'	6200'	5-1/2"	14 & 15.50# 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 2% KCl water with adequate stocks of sorptive agents on site to handle possible spills of fuel and oil on the surface. Heavier muds will be available 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>
0-3600'	Fresh Water	8.4 - 8.6	28 - 30	NC	--
3600-6200'	2% KCl Water	8.6 - 8.8	30 - 34	NC	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 detection 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 4000' - 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

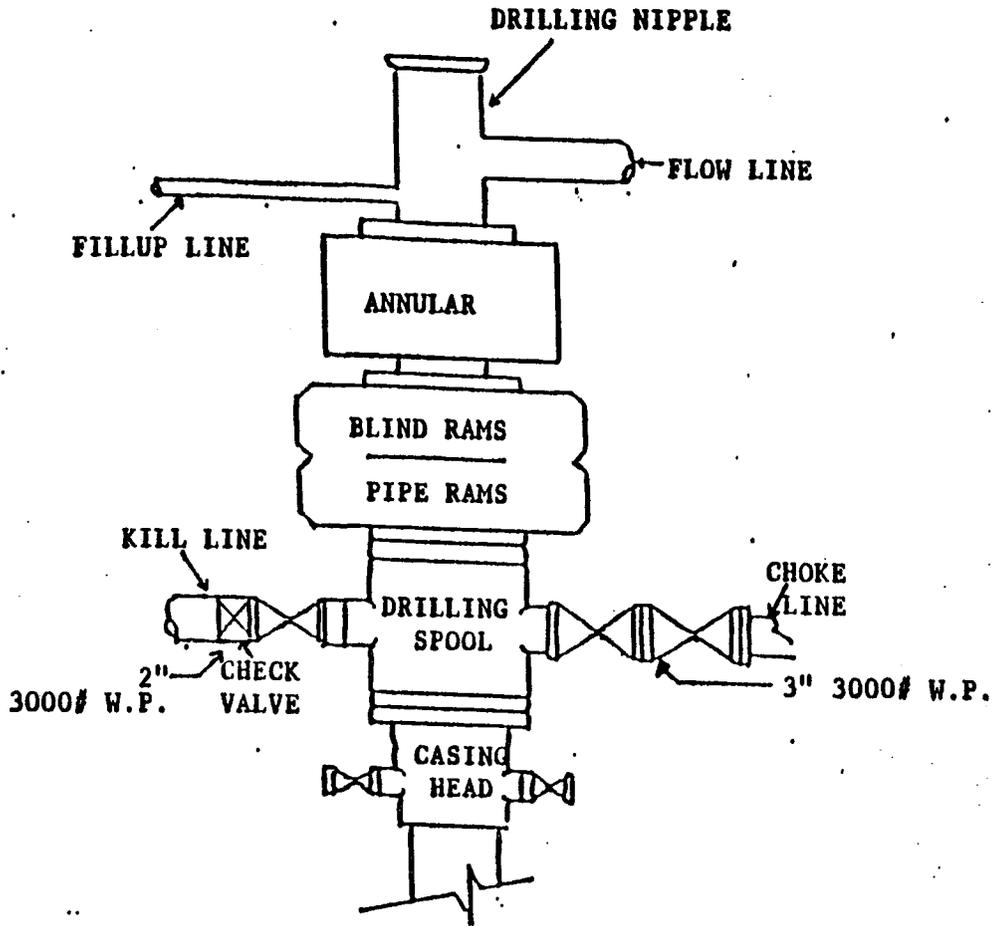
No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is 2000 psi + or -.

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 September 15, 1991, or as soon as possible after examination and approval of drilling requirements. Operations will cover 10 days for drilling and 10 days for completion.

EXHIBIT C  
BOP DIAGRAM



NOTE: BOP side outlets may be used in place of drilling spool.

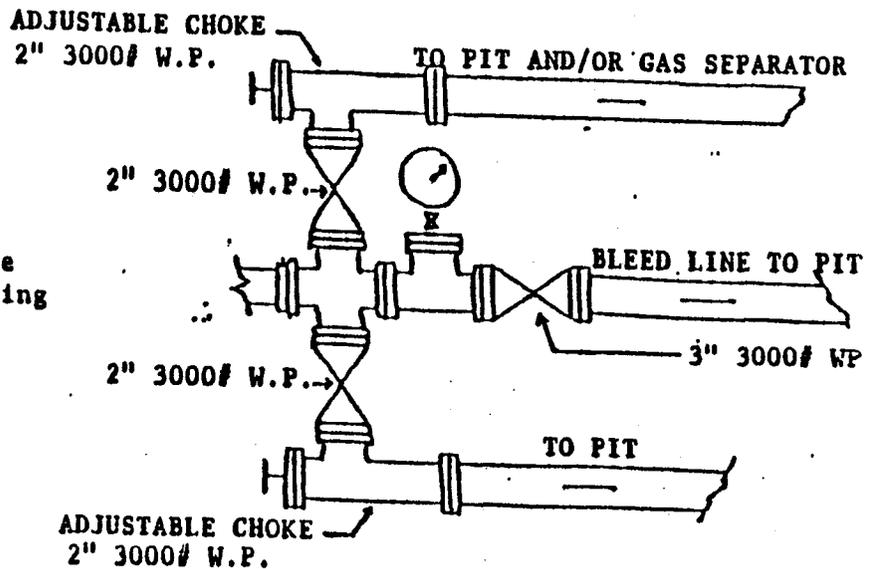


EXHIBIT D

WILDROSE RESOURCES CORPORATION  
FEDERAL #23-30

Thirteen Point Surface Use Program

Multipoint Requirements to Accompany APD

1. Existing Roads

- A. The proposed well site and elevation plat is shown on Exhibit A.
- B. From Fort Duchesne go south 6 miles to bridge. Go across bridge and follow Leland Bench road 13.2 miles. Go right 0.2 miles. Go right 0.8 miles. Go left 3.2 miles.
- C. See Exhibit E for access roads.
- D. There are no plans for improvement of existing roads. Roads will be maintained in present condition.

2. Planned Access Roads - (Newly Constructed)

- A. Length - 0.4 miles.
- B. Width - 30' right of way with 18' running surface maximum.
- C. Maximum grades - 2%
- D. Turnouts - N/A
- E. Drainage design - Barrow ditches and water turnouts as required.
- F. Culverts, bridges, cuts and fills - None.
- G. Surfacing material (source) - from location and access road.
- H. Gates, cattle guards and fence cuts - None.

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

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 upgraded to meet the standards of the anticipated traffic flow and all weather road requirements. Construction/ upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the 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. 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 diversion water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

A Right of Way application is not needed.

### 3. Location of Existing Wells Within a 1 Mile Radius

See Exhibit E

- A. Water wells - none.
- B. Abandoned wells - one.
- C. Temporarily abandoned wells - none.
- D. Disposal wells - none.
- E. Drilling wells - none.
- F. Producing wells - none.
- G. Shut-in wells - none.
- H. Injection wells - none.

### 4. Location of Existing and/or Proposed Facilities

- A. On well pad - See Exhibit F for all production facilities to be used if well is completed as a producing oil well.
- B. Off well pad - N/A

If a tank battery is constructed on this lease, the battery or the well pad will be surrounded by a dike of sufficient capacity to contain, at a minimum, the entire content of the largest tank within the battery, unless more stringent protective

requirements are deemed necessary by the authorized officer.

Tank batteries will be placed on the NW side of the location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rock Mountain Five 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.

The required paint color is desert brown, 10YR.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.

#### 5. Location and Type of Water Supply

- A. Water supply will be from a permitted source.
- B. Water will be trucked across existing roads to location.
- C. No water wells to be drilled on lease.

#### 6. Source of Construction Materials

- A. Native materials on lease will be used.
  - B. From Federal land.
  - C. N/A.
- A minerals material application is not required.

#### 7. Methods for Handling Waste Disposal

- A.
  - 1) Drill cuttings will be buried in the reserve pit.
  - 2) Portable toilets will be provided for sewage.
  - 3) Trash and other waste material will be contained in a

trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

4) Salts - if any will be disposed of.

5) Chemicals - if any will be disposed of.

B. Drilling fluids will be handled in the reserve pit. Any fluids produced during testing operations will be collected in a test tank. If a test tank is not available during drilling, fluids will be handled in the reserve pit. Any oil in the reserve pit will be removed.

Burning will not be allowed. All trash must be contained in trash cage and hauled away to an approved disposal site at the completion of drilling activities.

The reserve pit shall be constructed so as not to leak, break, or allow discharge.

The lining of the reserve pit will be determined by BLM and Wildrose after location has been built.

If a plastic nylon reinforced liner is used, it will be a minimum of 12 mil thickness with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.

After first production, produced waste water will be confined to a lined pit or storage tank for a period not to exceed 90 days. During the 90 day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with required water analysis, shall be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

#### 8. Ancillary Facilities

A. Camp facilities or airstrips will not be required.

#### 9. Well Site Layout

A. See Exhibit G & H.

B. See Exhibit G & I.

C. See Exhibit I.

The reserve pit will be located on the NW side of the location.

The flare pit will be located downwind of the prevailing wind direction on the northeast side of the location a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

Topsoil - none.

Access to the well pad will be from the south.

The drainage shall be diverted around the north and west sides of the well pad location.

#### Fencing Requirements

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

a. 39-inch net wire shall be used with at least one strand of barbed 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 feet.

e. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

#### 10. Plans for Restoration of Surfaces

##### A. Producing Location:

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

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion. Before any dirt work takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc., will be removed.

The BLM will be contacted for required seed mixture.

B. Dry Hole/ Abandoned Location:

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

11. Surface Ownership

Access Road: Federal  
Location: Federal

12. Other Additional Information

A. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:

- Whether the materials appear eligible for the National Register of Historic Places;

- The mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and

- A time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wishes, at any time, to relocated activities

to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

B. 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.

C. Drilling rigs and/or equipment used during drilling operations on this wellsite 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.)

### 13. Lessee's or Operators Representative and Certification Representative

Kary J. Kaltenbacher  
Wildrose Resources Corporation  
2555 Cherryridge Road  
Englewood, CO 80110  
Telephone: 303-761-9831

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 approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his sub-contractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The operator or his/her contractor shall contact the BLM Office at (801) 789-1362 forty eight (48) hours prior to construction activities.

The BLM Office shall be notified upon site completion prior

to moving on the drilling rig.

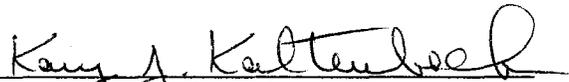
Self-Certification Statement:

Please be advised that Wildrose Resources Corporation is considered to be the operator of Federal Well No. 23-30, NE/4 SW/4 of Section 30, Township 8 South, Range 18 East; Lease Number U-51081; Uintah County, Utah; and is responsible for the operations conducted upon the leased lands. Bond coverage is provided by Statewide Oil and Gas Bond No. 229352, Allied Mutual Insurance Company, approved by the BLM effective October 26, 1987.

Certification

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

Date 8/14/91

  
Kary J. Kaltenbacher  
Vice President

Onsite Date: August 10, 1991

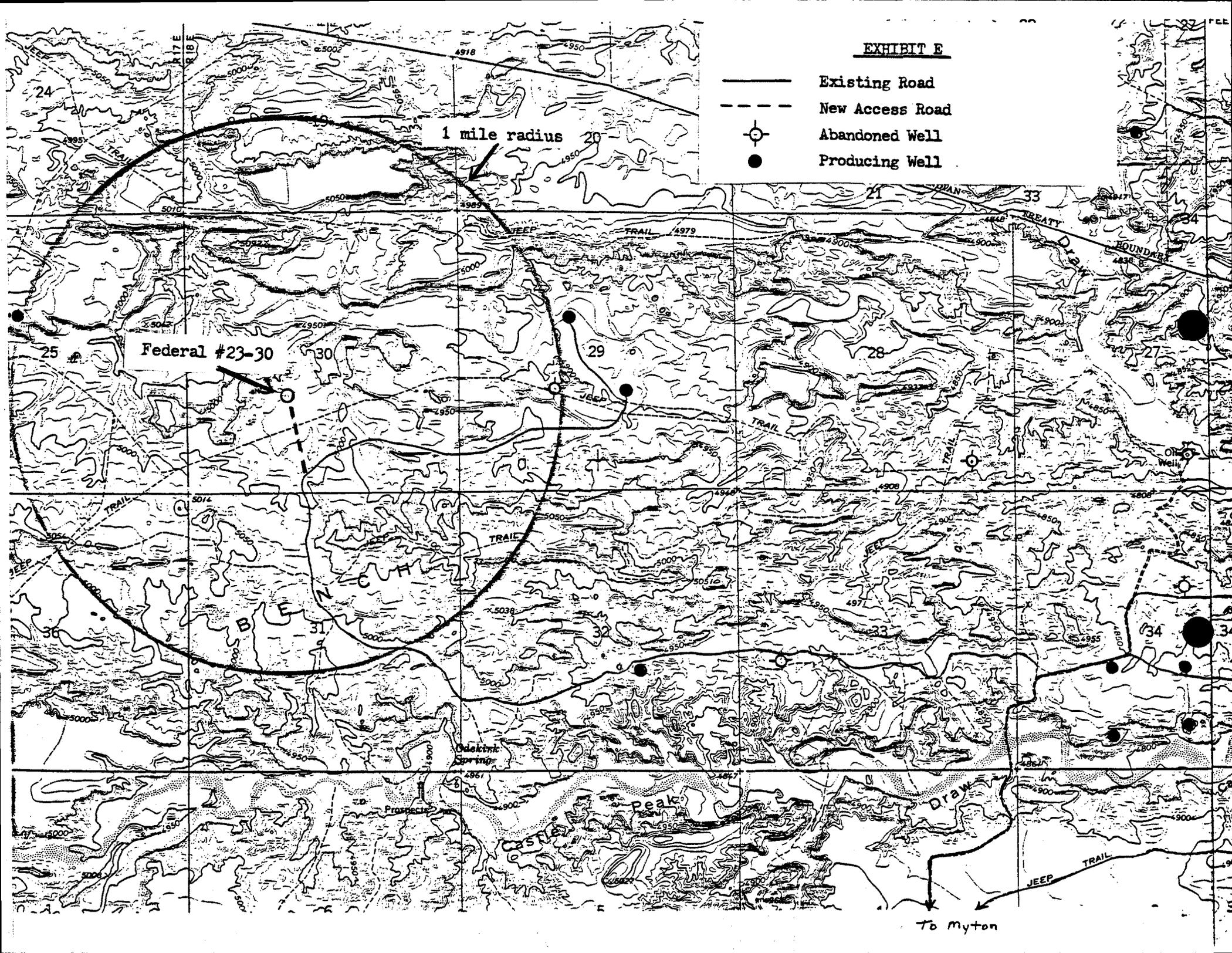
Participants on Joint Inspection

Kary J. Kaltenbacher  
Ralph Brown

Wildrose Resources Corporation  
BLM

EXHIBIT E

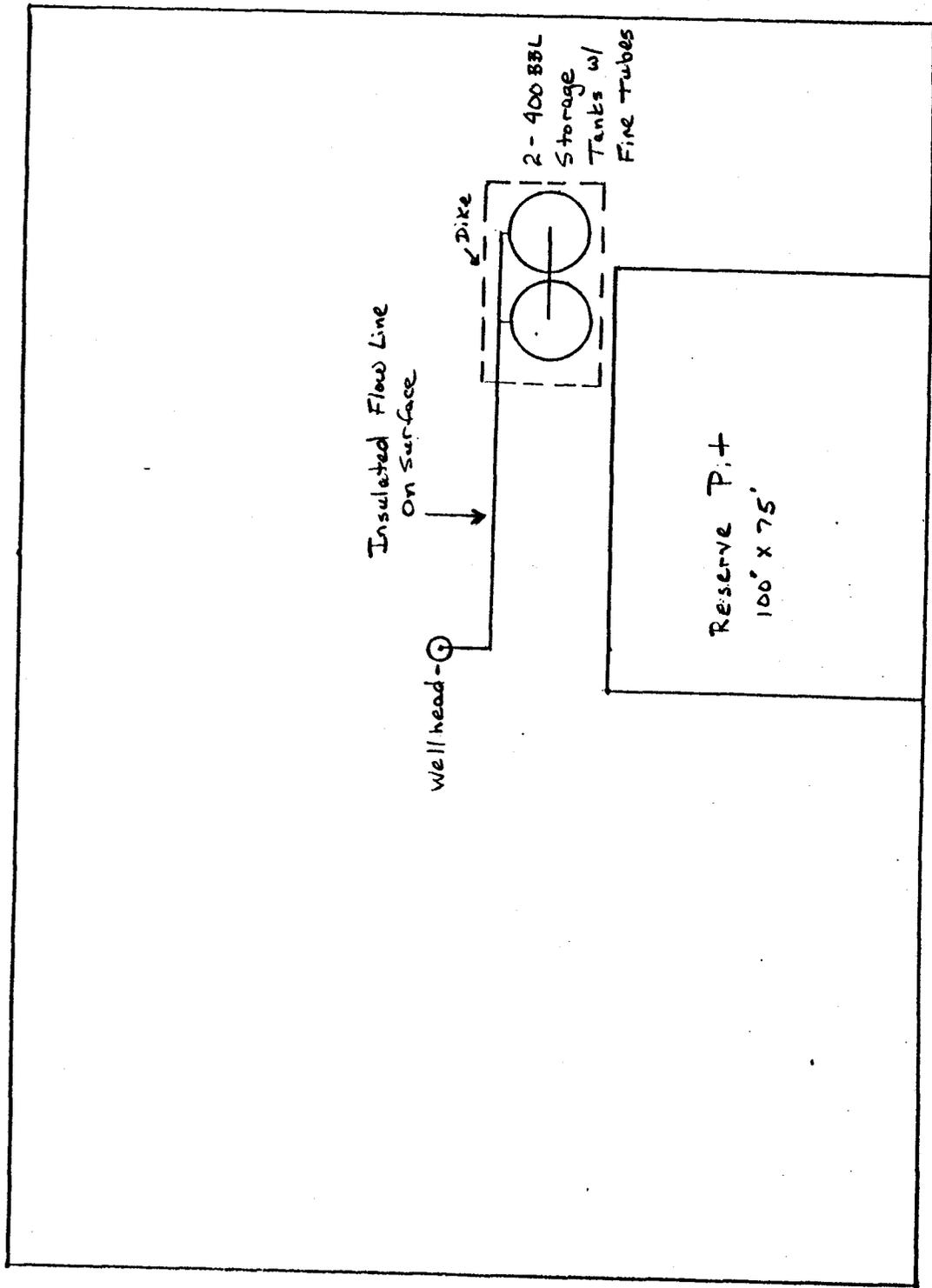
- Existing Road
- - - New Access Road
- Abandoned Well
- Producing Well



1 mile radius

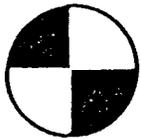
Federal #23-30

To Myton



**EXHIBIT F**  
**PRODUCTION FACILITIES**  
**SCALE: 1" = 40'**

1  
 North



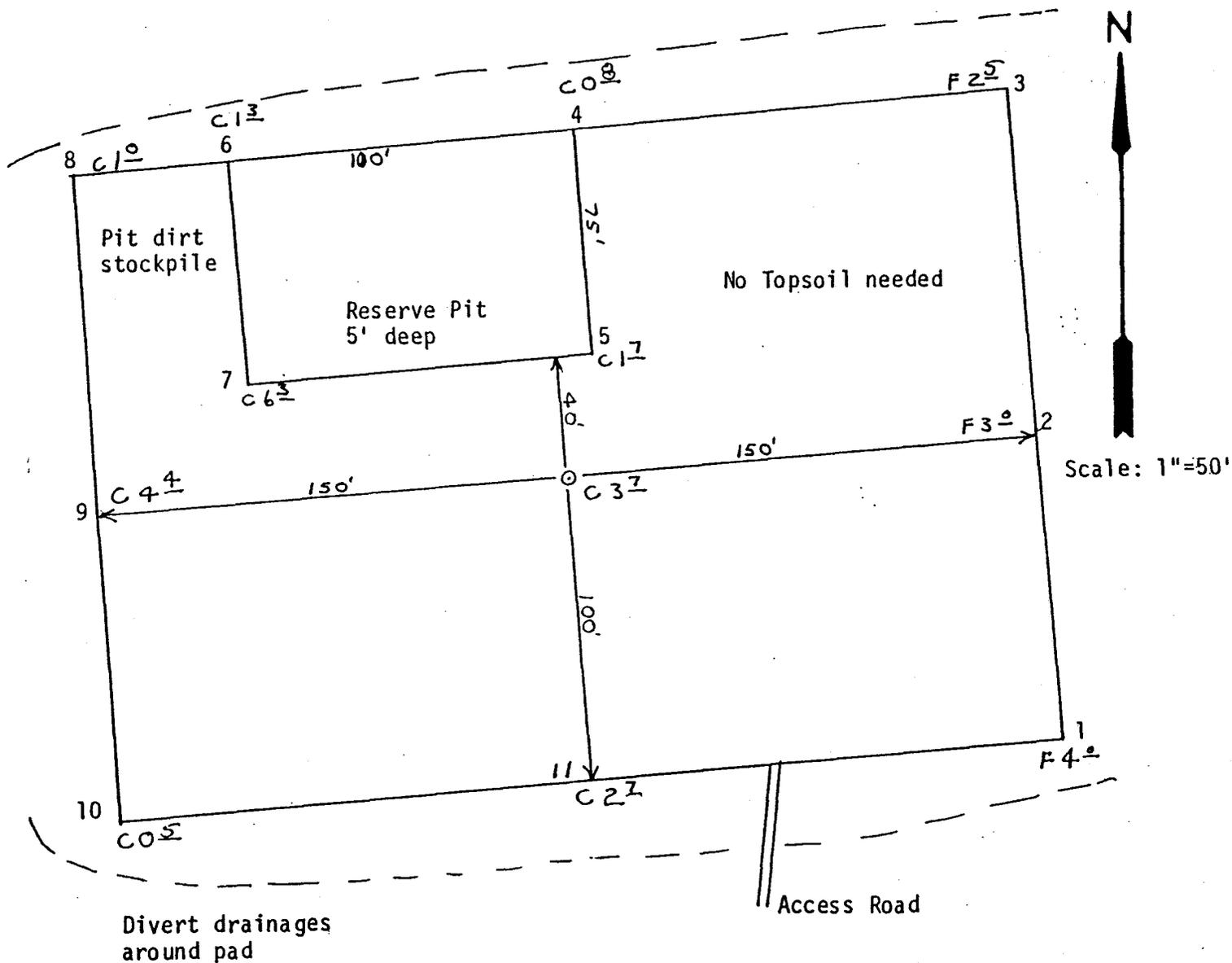
**Powers Elevation Co., Inc.**

P.O. Box 440889, Aurora, CO 80044  
Phone 303-321-2217  
Toll Free 1-800-824-2550  
FAX 303-321-2217

PIT & PAD LAYOUT  
CUTS & FILLS

4970.7'  
200' North

Wildrose Resources Corp.  
Federal 23-30  
Section 30, T.8S, R.18E  
1852' fs1, 1858' fw1  
Uintah County, Utah



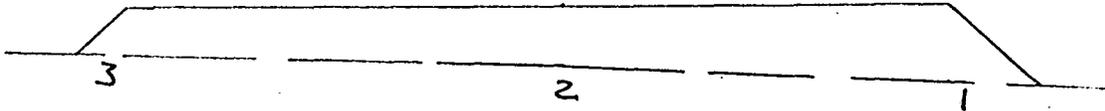
200' South  
4964.7'

EXHIBIT G

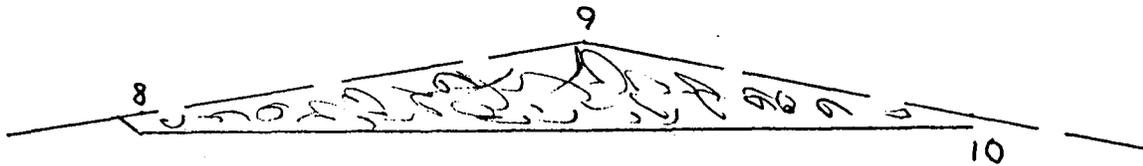
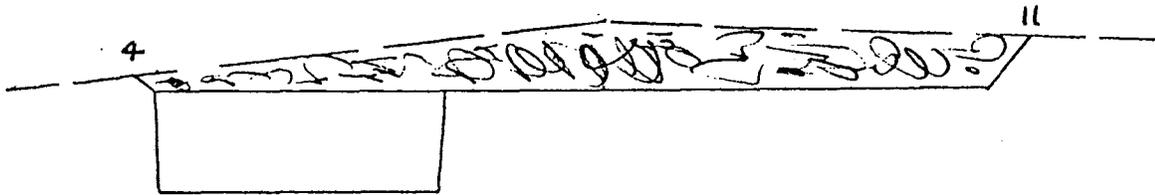
CROSS SECTIONS AND  
DIRT QUANTITIES

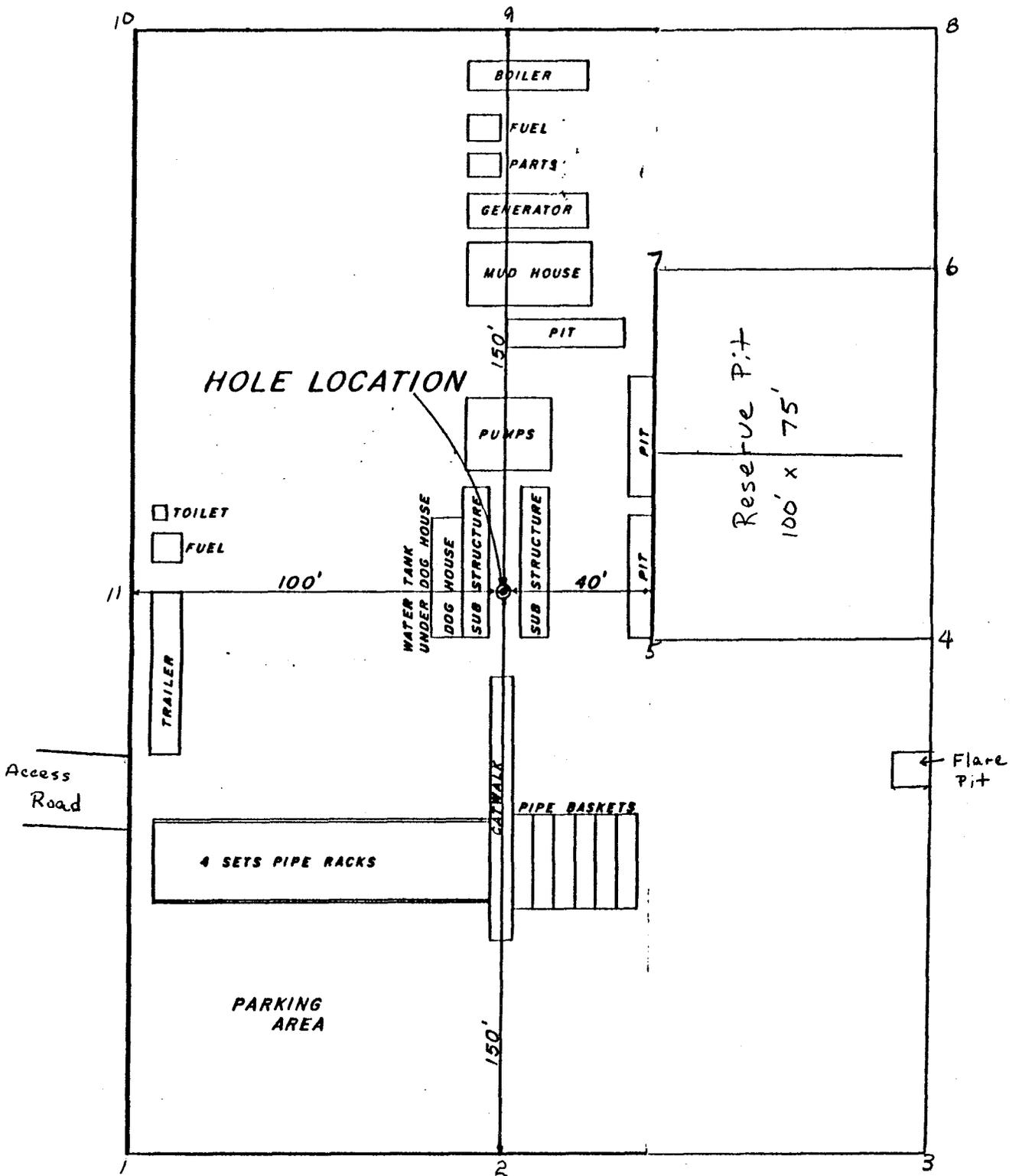
Wildrose Resources Corp  
Federal 23-30  
Section 30, T.8S, R.18E  
1852fsl, 1858fwl  
Uintah County, Utah

Scale:  
Horizontal: 1"=50'  
Vertical: 1"=10'



Pad cut	4410 cu yds
Pad fill	2238 cu yds
Pit cut	1389 cu yds





**EXHIBIT I**  
**WELL SITE LAYOUT**  
**SCALE: 1" = 40'**

OPERATOR Wildrose Resource Corp N-9060 DATE 8-21-91

WELL NAME Federal 03-30

SEC A5W 30 T 85 R 18E COUNTY Mintah

43-047-30078  
API NUMBER

Federal (1)  
TYPE OF LEASE

CHECK OFF:

PLAT.

BOND

NEAREST WELL

LEASE

FIELD SLBM

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other wells within the 30 - acre spacing water permit

APPROVAL LETTER:

SPACING:

R615-2-3

N/A  
UNIT

R615-3-2

N/A  
CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

1- Needs water permit

CONFIDENTIAL  
PERIOD  
EXPIRED  
ON 12-18-92



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

August 23, 1991

Wildrose Resources Corporation  
2555 Cherryridge Road  
Englewood, Colorado 80110

Gentlemen:

Re: Federal #23-30 Well, 1852 feet from the South line, 1858 feet from the West line, NE SW, Section 30, Township 8 South, Range 18 East, Uintah County, Utah

Approval to drill the referenced well is hereby granted in accordance with Utah Admin. R.615-3-2, subject to the following stipulation:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Utah Code Ann. Section 73-3, Appropriation.

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

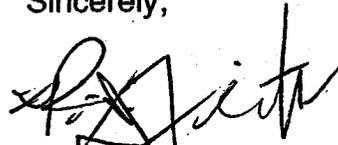
1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of Entity Action Form 6, within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification in the event it is necessary to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801) 538-5340, (Home) (801) 476-8613, or R. J. Firth, Associate Director, (Home) (801) 571-6068.
5. Compliance with the requirements of Utah Admin. R.615-3-20, Gas Flaring or Venting.

Page 2  
Wildrose Resources Corporation  
Federal #23-30  
August 23, 1991

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Department of Environmental Quality, Division of Drinking Water/Sanitation, telephone (801) 538-6159.
7. 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 43-047-32078.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

tas  
Enclosures  
cc: Bureau of Land Management  
J. L. Thompson  
we14/1-21

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  
 Wildrose Resources Corporation

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface: 1852' FSL & 1858' FWL  
 At proposed prod. zone: Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 43-047-32078

16. NO. OF ACRES IN LEASE: 1514.04

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

18. PROPOSED DEPTH: 6,200'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4967'

22. APPROX. DATE WORK WILL START\*  
 September 15, 1991

5. LEASE DESIGNATION AND SERIAL NO.  
 U-51081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Federal

9. WELL NO.  
 23-30

10. FIELD AND POOL, OR WILDCAT  
 Eight Mile Flat North

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA  
 Sec. 30, T8S, R18E, SL

12. COUNTY OR PARISH      13. STATE  
 Uintah      Utah

Received  
AUG 1991  
DOI-BLM  
Vermont, Utah

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"	24#, J-55	300'	225 BX
7-7/8"	5-1/2"	14 & 15 1/2#, J-55	6200'	1000 BX

SEE ATTACHED EXHIBITS:

- A - Surveyors Plat
- B - 10 Point Plan
- C - B.O.P. Diagram
- D - 13 Point Surface Use Program
- E - Access Road Map & Existing Wells
- F - Production Facilities
- G - Pit and Pad Layout, Cuts and Fills
- H - Cross Sections and Dirt Quantities
- I - Well Site Layout (Rig)

RECEIVED

SEP 20 1991

DIVISION OF  
OIL GAS & MINING

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 Kenny J. Ketterboel TITLE Vice President DATE August 14, 1991

(This space for Federal or State office use)

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

APPROVED BY [Signature] TITLE acting ASSISTANT DISTRICT MANAGER MINERALS DATE SEP 18 1991

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

\*See Instructions On Reverse Side

U-080-111-185

CONDITIONS OF APPROVAL  
FOR APPLICATION FOR PERMIT TO DRILL

Company/Operator: Wildrose Resources Corp.

Well Name & Number: 23-30

Lease Number: U-51081

Location: NESW, Sec. 30, T8S, R18E

Surface Ownership: Federal

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.

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.

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

A. DRILLING PROGRAM

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

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

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

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., 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.

3. Casing Program and Auxiliary Equipment

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

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 feet above the top of the usable water zone, identified at ± 282 feet.

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 Authorized Officer. 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 Authorized Officer (AO).

A cement bond log (CBL) shall be utilized to determine the top of cement (TOC) for the intermediate and production casing.

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

6. Notifications of Operations

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

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least twenty-four (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 thirty (30) days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the AO. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram, as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4, shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations, as specified in Onshore Oil and Gas Order No. 3, shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

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

## 7. Other Information

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

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

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

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

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

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

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

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a

maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

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

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

Gerald E. Kenczka Petroleum Engineer	(801) 781-1190
---	----------------

Ed Forsman Petroleum Engineer	(801) 789-7077
----------------------------------	----------------

BLM FAX Machine	(801) 789-3634
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EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids.

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt wastes.

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

DIVISION OF OIL, GAS AND MINING

API NO. 43-047-32078

SPUDDING INFORMATION

NAME OF COMPANY: WILDROSE RESOURCES

WELL NAME: FEDERAL #23-30

SECTION NESW 30 TOWNSHIP 8S RANGE 18E COUNTY UINTAH

DRILLING CONTRACTOR OLSEN

RIG # 5

SPUDDED: DATE 10-6-91

TIME 2:00 p.m.

HOW ROTARY

DRILLING WILL COMMENCE \_\_\_\_\_

REPORTED BY CAREY KATTENBOEHER

TELEPHONE # 303-761-9831

DATE 10-8-91 SIGNED TAS/SBH

OPERATOR \_\_\_\_\_

OPERATOR ACCT. NO. N 9660

ADDRESS \_\_\_\_\_

**WILDROSE RESOURCES CORP.**

2555 CHERRYRIDGE ROAD

ENGLEWOOD, CO 80110

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11271	43-047-32078	Federal #23-30	NE/40	30	8S	18E	Utah	10/6/91	
<p>WELL 1 COMMENTS: Fed. - Lease Prop. Zone - GREV Field - 8 mile Flat North (Entity 11271 added 10-21-91) for Unit - N/A</p>											

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: - Use COMMENT section to explain why each Action Code was selected.

**RECEIVED**

OCT 10 1991

DIVISION OF  
OIL GAS & MINING

Signature Kerry J. Keltner

V.P.

Title

10/6/91

Date

Phone No. (303) 761-9831



WILDROSE RESOURCES CORPORATION

December 13, 1991

RECEIVED

DEC 16 1991

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

DIVISION OF  
OIL GAS & MINING

RE: Tight Hole  
Federal #44-29 and Federal #23-30 Wells  
Federal Lease No. U-36442

Gentlemen:

Enclosed please find the Completion Report with logs for the Federal #44-29 and Federal #23-30 wells. Wildrose wishes to keep all information regarding these 2 wells "Tight Hole" for the allowed 15 month period.

If you have any questions regarding this request, please give me a call.

Very truly yours,  
WILDROSE RESOURCES CORPORATION

Kary J. Kaltenbacher  
Vice President

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATES

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER   
 b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RENVR.  Other

2. NAME OF OPERATOR  
Wildrose Resources Corporation

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface 1852' FSL & 1858' FWL (NE/SW)  
At top prod. interval reported below Same  
At total depth Same

14. PERMIT NO. 43.047320 78  
DATE ISSUED DEC 16 1991

15. DATE SPUNDED 10/6/91  
16. DATE T.D. REACHED 10/15/91  
17. DATE COMPL. (Ready to prod.) 11/18/91

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 4967' GR 4979' KB  
19. ELEV. CASINGHEAD 4966'

20. TOTAL DEPTH, MD & TVD 6250'  
21. PLUG, BACK T.D., MD & TVD 5225'  
22. IF MULTIPLE COMPL., HOW MANY\* --  
23. INTERVALS DRILLED BY --

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
5057' - 5066' Green River

26. TYPE ELECTRIC AND OTHER LOGS RUN  
DLL, FDC-CNL, CBL MUD LOG 12-16-91

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24	316'	12-1/4"	225 Sx	---
5-1/2"	15.5#	5275'	7-7/8"	425 Sx	---

29. LINER RECORD

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

31. PERFORATION RECORD (Interval, size and number)

5057' - 66' w/ 3 SPF (27 holes)  
(.038" OD)

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
11/19/91	Pumping - beam (2 1/2" x 1 1/2" x 16')	producing

DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/29/91	24	--	→	23	10	0	435

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
--	200 psi	→	23	10	0	30

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

35. LIST OF ATTACHMENTS  
Logs, Daily Reports

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

SIGNED Kay J. Katterbae TITLE V.P. DATE 12/13/91

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

CONFIDENTIAL  
RECEIVED  
DEC 16 1991

5. LEASE DESIGNATION AND SERIAL NO.  
U-51081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. AGREEMENT NAME

8. FARM OR LEASE NAME  
Federal

9. WELL NO.  
23-30

10. FIELD AND POOL, OR WILDCAT  
Eight Mile Flat North

11. SEC., T., R., N., OR BLOCK AND SURVEY OR AREA  
Section 30, T8S, R18E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Green River	1748'	1748'
				Wasatch Tongue	6209'	6209'

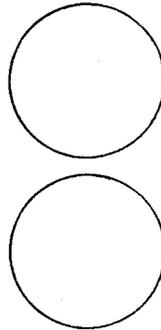
Federal 23-30

Sec 30 T83 R188

Bubly 1.22.92

N →

bermed  
production  
battery



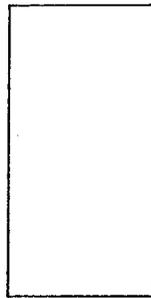
propane tank



well  
head



pump  
jack



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SEP 16 1994

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

Lease Designation and Serial No.

U-51081

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	6. If Indian, Allottee or Tribe Name
2. Name of Operator Wildrose Resources Corporation	7. If Unit or CA, Agreement Designation
3. Address and Telephone No. 4949 South Albion Street, Littleton, CO 80121 PH:303-770-6566	8. Well Name and No. Federal #23-30
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1852' FSL & 1858' FWL (NE/SW) Section 30, T8S, R18E	9. API Well No. 43-047-32078
	10. Field and Pool, or Exploratory Area Eight Mile Flat North
	11. County or Parish, State Uintah County, Utah

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

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

(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.)\*

Wildrose Resources Corporation requests approval to plug and abandon this well. Presently the well is producing 1 to 2 BOPD and is uneconomical to produce. PBTD - 5225'. Geologic Tops: Green River @ 1748'. 8-5/8" csg set @ 316' w/ 225 sx (cemented to surface). 5-1/2" csg set @ 5275' w/ 425 sx. Cement top @ 1598'. Producing Zone: 5057' - 5066' (Green River).

Plugging Procedure:

1. Set cast iron bridge plug at 5000'.
2. Pump 10 sk cement plug from 5000' to 4920'.
3. Pump 25 sk cement plug from 1700' to 1500'.
4. Pump 10 sk cement plug from 60' to surface.
5. Pump 35 sk cement plug down annulus of 8-5/8" and 5-1/2" csg from surface to 200' if pressure allow.

Work to plug will be done in the next two months and should take two days to complete.

Location and road will be rehab'd in the spring 1995.

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

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

Signed Kary Katterbach Title Vice President Date September 14, 1994

(This space for Federal or State office use)

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

State

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCT 1 1994

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well    Gas Well    Other

2. Name of Operator

Wildrose Resources Corporation

3. Address and Telephone No.

4949 South Albion Street, Littleton, CO 80121 PH:303-770-6566

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

1852' FSL & 1858' FWL (NE/SW)  
Section 30, T8S, R18E

5. Lease Designation and Serial No.

U-51081

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal #23-30

9. API Well No.

43-047-32078

10. Field and Pool, or Exploratory Area

Eight Mile Flat North

11. County or Parish, State

Uintah County, Utah

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

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

(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.)\*

Wildrose Resources Corporation requests approval to plug and abandon this well. Presently the well is producing 1 to 2 BOPD and is uneconomical to produce. PBDT - 5225'. Geologic Tops: Green River @ 1748'. 8-5/8" csg set @ 316' w/ 225 sx (cemented to surface). 5-1/2" csg set @ 5275' w/ 425 sx. Cement top @ 1598'. Producing Zone: 5057' - 5066' (Green River).

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1. Set cast iron bridge plug at 5000'.
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3. Pump 25 sk cement plug from 1700' to 1500'.
4. Pump 10 sk cement plug from 60' to surface.
5. Pump 35 sk cement plug down annulus of 8-5/8" and 5-1/2" csg from surface to 200' if pressure allows.

Work to plug will be done in the next two months and should take two days to complete.

Location and road will be rehab'd in the spring 1995.

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

Signed Kay Kattenbeck Title Vice President

(This space for Federal or State office use)

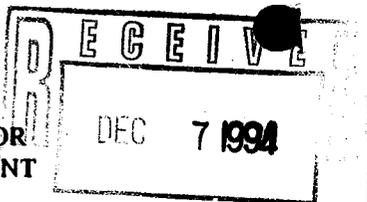
Approved by \_\_\_\_\_ Title \_\_\_\_\_  
Conditions of approval, if any:

Accepted by the Utah Division of Oil, Gas and Mining Date September 14, 1994

**FOR RECORD ONLY**

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



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

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

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

**SUBMIT IN TRIPLICATE**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Designation and Serial No. U-51081
2. Name of Operator Wildrose Resources Corporation		6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 4949 S. Albion St., Littleton, CO 80121      303-770-6566		7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1852' FSL & 1858' FWL (NE/SW) Section 30, T8S, R18E		8. Well Name and No. Federal #23-30
		9. API Well No. 43-047-32078
		10. Field and Pool, or Exploratory Area Eight Mile Flat North
		11. County or Parish, State Uintah County, Utah

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

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

(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.)\*

This well was plugged as follows on Nov. 18 & 19, 1994:

Circulated hole w/ 170 bbls of hot water.  
Laid down rods. POH w/ tbg.  
RU Schlumberger: Set CIBP @ 5000'. Perforated @ 366' w/ 4 shots.  
Using tubing, set cement plugs as follows:  
Plug #1: 10 sx Class G from 5000' to 4915'.  
Plug #2: 25 sx Class G from 3256' to 3043'.  
Plug #3: 25 sx Class G from 1702' to 1489'.  
Plug #4: Circulated 190 sx Class G cement from surface through perms @ 366' back to surface in backside annulus. Cement dropped to 19' from surface.

On 11/25/94 the casing head was cut off and the 5-1/2" csg. & annulus (5-1/2" x 8-5/8") was topped off with sack cement. A dry hole marker was then welded to the csg.

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

Signed Kay J. Katerdree Title V.P. Date December 5, 1994

(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.

WILDROSE FEDERAL 23-30  
NE/4SW/4 SECTION 30, T8, R18E

SUMMARY OF P&A COSTS  
P&A'd NOVEMBER, 1995

Rig	\$3,405
BOP rental	353
Trucking - BOP	228
Hot Oil truck - circulate out oil	1,056
Wireline - set CIBP & perforate	1,598
Water hauling	834
Cementing services	5,164
Supervision -	1,008
P&A marker	<u>96</u>
TOTAL P&A COSTS	<u>\$13,742</u>

WESTERN OIL WELL SERVICE CO.

133

WORK TICKET NO. — RIG NO.  
4294 -22

Date 11/17/94

Company Wildrose Resources Corp.

Address \_\_\_\_\_ 400

Work Ordered By Kary Kattenbacher

JOB NUMBER

TERMS: Net 30 days, 1 1/2% Service Charge is added for each 30 days past due, APR 18%.

Fed. 23-30  
Wintok Call

Name	Occupation	Rate	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Total Hrs.	Total
T. Foxley	operator		1 1/2	1	2			2 1/2	
G. Hyder	Derrick		1 1/2	1				2 1/2	
C. Tompkins	Floorhand		1 1/2	1				2 1/2	
S. Mathews	Floorhand		1 1/2	1				2 1/2	
Rig # 22 w/3 MEN	Per. Hr.	125 <sup>00</sup>	1 1/2					1 1/2	187.50
Travel/Trans/3 MEN	Per. Hr.	8 <sup>50</sup>		3				3	25.50
CREW TRANSP.	Per. Hr.	20 <sup>00</sup>			2			2	40.00
Extra man	Per. Hr.	17 <sup>00</sup>				1 1/2			NC
Travel/Trans/1 MEN	Per. Hr.	8 <sup>50</sup>				1			NC
Winch truck	Per. day	40 <sup>00</sup>							40.00
Applicable State and Local Taxes									
<b>TOTAL JOB</b>									<b>\$ 793.00</b>

Description of Work:

4:20 AM Arrived rig from loc in field 14 mi to loc & spotted in rig  
5:30 PM S.O.  
5:30 - 6:30 PM crew travel

Thank you! Co. Representative Kary Kattenbacher

WORK TICKET NO. — RIG NO.  
 4295 -22

Date 11/18/94

Company Wildrose Resources Corp.

Address \_\_\_\_\_ 3400

Work Ordered By Kary Kattenbacher 382  
3021  
215

JOB NUMBER

TERMS: Net 30 days, 1 1/2% Service Charge is added for each 30 days past due, APR 18%.

Fed 33-30  
 WINTAG Co. Ltd.

Name	Occupation	Rate	RATES					Total Hrs.	Total
			Hrs.	Hrs.	Hrs.	Hrs.	Hrs.		
T. Farley	operator		10	2	2			12	
G. Nyder	Derrick		10	2				12	
C. Tammell	Floorhand		10	2				12	132
Big 32 w/3 MEN	Per Hr.	175.00	10					10	249.00
TRAVEL TIME 3 MEN	Per Hr.	85.00		6				6	51.00
CREW TRAMP	Per Hr.	20.00			2			2	40.00
Winch truck	Per day	40.00						1	40.00
Applicable State and Local Taxes									
TOTAL JOB									# 1381.00

Description of Work: 6-7AM CREW TRAMP  
 7AM Not oiled 130 RPM @ 750' down 5 1/2" circ out gas oil tube from 2 1/2" tapered tank. R.U. rig unseated pump & flushed 2 1/2" w/ 20 BW C 250. L.O. 1 1/2" x 70' polish rod, 1-2, 1-6 & 1-2 x 3/4" subs 204' 3/4" slick Norris D-22 rods & pump. Flushed 2 1/2" line w/ 20 BW. (all rods & rats & gads) Change equip to pull the A.D. wellhead, removed the slip & released 5 1/2" A.C. pull 6" 3M x 2 5/8" 9 1/2' flange & 6" 5M. Run w/ 2.0 studs & 2 1/2" x 3M. Push w/ 16' 1/2" 2 1/2" 2 5/8" A.C. 6 Jts. 2 1/2" x 2 5/8" 5M, perfed. sub. & L.O. 2 1/2" R.U. B.W. Break w/ t, xms set 5 1/2" CR @ 5000. Perfor 4 circ holes @ 366' B.D. w/ t.

5pm SIGN  
 5-6pm CREW TRAMP

Thank you Co. Representative Kary Kattenbacher

WORK TICKET NO. — RIG NO.  
 4296 -22

Date 11/19/74

Company Wildrose Resources Corp.

Address \_\_\_\_\_

Work Ordered By Kary KALTENBACHER

JOB NUMBER

TERMS: Net 30 days, 1 1/2% Service Charge is added for each 30 days past due, APR 18%.

Fed. 23-30  
 Uintah Co. 1/4

Name	Occupation	Rate	CREW HOURS					Total Hrs.	Total
			Hrs.	Hrs.	Hrs.	Hrs.	Hrs.		
T. Farley	operator		11	2	2			13	
G. Nyder	Derrick		11	2				13	
C. Tomasco	Floorhand		11	2				13	
Big 72 w/ 3 MEN	Per Hr	125 <sup>00</sup>	11					11	1375 <sup>00</sup>
Travel time / 3 MEN	Per Hr.	8 <sup>50</sup>		6				6	51 <sup>00</sup>
crew transp.	Per Hr.	20 <sup>00</sup>			2			2	40 <sup>00</sup>
Winch truck	Per day	40 <sup>00</sup>							40 <sup>00</sup>
2 1/2" slip dies	Per set	225 <sup>00</sup>						1	225 <sup>00</sup>
Applicable State and Local Taxes									
TOTAL JOB									\$ 1730 <sup>00</sup>

Description of Work:

6-7 AM CREW TRAVEL  
 7 AM Bled gas off well. Muncaller on 87m Jt. 3 R.H. w/ 1680 ft. 2 1/2" dia  
 # Tag CRG. Est. @ 500' 117 Jt. on R.H. WESTERN Co filled hole &  
 Spotted 10 sks G cm't on BP. L.O. 58 Jt. Est. @ 2256 A spotted 25 sks cm't.  
 L.O. 52 Jt. Est. @ 1702' Filled hole w/ 6 BW. & spotted 25 sks cm't L.O. 45  
 Jt. Est. @ 400' R.H. & bit oiled 20 BW @ 250' circ out par. bit in L.O.  
 13 Jt. add 1-4' sub to L.H. in Bop. Est. @ 34' Pump & circ cm't to 50 ft.  
 w/ 145 sks G cm't w/ 2% CaCl out 8 1/2" ca. N.O. Bop & larkin head  
 Pumped 45 sks G cm't w/ 3% CaCl attempting to top off 5 1/2" still killing  
 slow. R.O. WESTERN Co dug out around well bore. Sowed a hole in  
 flow line to drain. R.O. rig, loaded out to move.  
 6 pm. S.O.  
 6-7 pm CREW TRAVEL

Thank you! Co. Representative Kary Kaltenbacher

# Weatherford

hip: 11/17/94 Ship Via: ROADRUNNER

State :UT  
County :DUCHESNE  
City  
Other

Location: 199-Vernal  
2620 S. 1500 East  
P.O. Box 172  
Vernal, UT 84078  
Tel: 801-789-0445

Time: 08:53  
Customer: 590549  
PO #  
Order By: CARY  
WILDROSE RESOURCES  
4949 SOUTH ALBION ST.

Lease: FEP  
Field: 23-30

Well: 23-30 Offshore: N DCS-G

LITTLETON  
CO 80121  
Tel: 303-770-6566

Q # 1689-01 D-TOOL RENTAL

Code/Item	Serial	Description	Unit	Li Ft	Qty	Day	Rate	Rate Daily	Rental
-----------	--------	-------------	------	-------	-----	-----	------	------------	--------

01.0	REN60100	BOP 7 1/16 5M W/2 7/8 & CSO	EA	0	1	0	70.000	2	140.00
02.0	ACS00040 53832	ACCUMULATOR 40 GAL SELF CONTAINED	EA	0	1	0	70.000	2	140.00
03.0	REN60100 872208	TIW VALVE 2 7/8	EA	0	1	0	28.000	2	56.00
04.0	REN60100	FLANGE 7 1/16 5M THD 8 5/8	EA	0	1	0	8.000	2	16.00

THIS IS NOT AN INVOICE

Memo:  
Signatures: Client Representative: *[Signature]*

SUB TOTAL \$352.00

1689



MEMO BILL NO.

47169

DATE 11-17-94

CONSIGNEE Wild Rose  
Location # Fed. 23-30

DESTINATION Pleasant Valley, Wt.

SHIPPER DISPATCH # H52 weatherford

ORIGIN Vernal, Ut.

BILL CHARGES TO: Wild Rose

SHIPPER #  
CONSIGNEE #  PREPAID  
 COLLECT

QTY	COMMODITY	RATE FACTOR, MILES, WEIGHT, HOURS, ETC.	RATE	CHARGES
1	B.O.P. Accumulator	5 hrs	45.50	227.50
1	Spool, Valve			
			TOTAL CHARGES 227.50	

Handwritten circled notes: W52, 152

SPECIAL INSTRUCTIONS:

OFF ROAD, LEF COLT OILFIELD SVCS  
UNLOADING TIP 430-000874-6  
OTHER MAS: IC11 21  
IE13 41

TIME OUT \_\_\_\_\_ TIME IN \_\_\_\_\_  
E \_\_\_\_\_  
TOTAL OFF ROAD \_\_\_\_\_  
TOTAL STAND BY \_\_\_\_\_

RECEIVED GOODS AND SERVICES AS NOTED ABOVE  
ON THIS DATE 12/8/94 BY *Kang K. Anderson*

COMPANY USE, MILES AND HIGHWAY ROUTE

JTAH \_\_\_\_\_ IDAHO \_\_\_\_\_  
WYO. \_\_\_\_\_ OTHER \_\_\_\_\_  
NEVADA \_\_\_\_\_ OTHER \_\_\_\_\_  
COLORADO \_\_\_\_\_ OTHER \_\_\_\_\_  
NEW MEXICO \_\_\_\_\_ TOTAL MILES \_\_\_\_\_

Route 2 Box 2878  
Roosevelt, Utah 84066  
(801) 722-2384



No. 21701

To Wells

Req. By Kay [Signature]

P.O. No. \_\_\_\_\_

Operator Ken [Signature]

Work Performed traced to location  
and drilled 20 1/2" 20  
with down tubing at  
25'  
traced to stop

Location B-30

Date 11-27-74

	START PRESS.	STOP PRESS.	BBLs. PUMPED	TEMP
Tubing				
Flow Line				
Casing				
Man & Pickup				
Miscellaneous				
Hours	3			
Rate Per Hour	\$65 <sup>00</sup>		195 <sup>00</sup>	
Fuel	15.71		19 <sup>73</sup>	
Tax			1 <sup>16</sup>	
TOTAL			215 <sup>89</sup>	





# Jim Nebeker Trucking

## WATER HAULING TICKETS

191

Rt 2 Box 2060  
Roosevelt, Utah 84068  
(801) 722-9997 or Mobile 823-6111

No 57151

WILD ROSE

Truck No. 107-107A

Well Location 23-30

Driver Michael

FROM WATER PLANT TO CEMENT TRUCKS

Date	Oil Bbls.	Water Bbls.	Starting Time	Stop Time	Hrs.
11-19-94		120	8:00 p.m.	7:30 a.m.	11 1/4
			Starting Time	Stop Time	
			Starting Time	Stop Time	
			Starting Time	Stop Time	
			Starting Time	Stop Time	
			Starting Time	Stop Time	
			Starting Time	Stop Time	
			Starting Time	Stop Time	
Disposal Fee					
Misc.					
TOTAL BBLs.		120	GALLONS		TOTAL HOURS 11 1/4 @ 57¢ = 657.50

Signature

# Jim Nebeker Trucking

## WATER HAULING TICKETS

Rt 2 Box 2060  
Roosevelt, Utah 84068  
(801) 722-9997 or Mobile 823-6111

No 56916

Wild Rose

Truck No. 106

Well Location 23-30

Driver Ralph

FROM Nebeker Water Plant TO Western Truck

Date	Oil Bbls.	Water Bbls.	Starting Time	Stop Time	Hrs.
11-19-94		100	6:30 a.m.	10:30 p.m.	4
			Starting Time	Stop Time	
			Starting Time	Stop Time	
			Starting Time	Stop Time	
			Starting Time	Stop Time	
			Starting Time	Stop Time	
			Starting Time	Stop Time	
			Starting Time	Stop Time	
Disposal Fee					
Misc.					
TOTAL BBLs.			GALLONS		TOTAL HOURS 4 @ 44¢ = 176.00

Signature



**CUSTOMER COPY**  
**The Western Company**  
**of North America**

**SERVICE ORDER AND**  
**FIELD RECEIPT NO. L 293078**

CUSTOMER (COMPANY NAME) <i>Wild Rose</i>		CREDIT APPROVAL NO. <i>947</i>		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER	
MAIL STREET OR BOX NUMBER		CITY		STATE		ZIP CODE		JOB TYPE CODES	
INVOICE TO:		WESTERN SERVICE SUPERVISOR <i>C. Barkley 06571</i>		WELL TYPE: (CHECK ONE) <input type="checkbox"/> NEW <input checked="" type="checkbox"/> OLD		CEMENTING SERVICES		STIMULATION SERVICES	
DATE WORK MO. DAY YEAR <i>11 17 74</i>	WESTERN DISTRICT <i>Visual</i>			WELL CLASS: (CHECK ONE) <input checked="" type="checkbox"/> OIL <input type="checkbox"/> DISPOSAL <input type="checkbox"/> GAS <input type="checkbox"/> INJECTION		10. CONDUCTOR		30. ACID MATRIX	
COMPLETED:		JOB DEPTH (FT.) <i>5000</i>		GAS USED ON JOB: (CHECK ONE) <input type="checkbox"/> N <sub>2</sub> <input checked="" type="checkbox"/> NONE <input type="checkbox"/> CO <sub>2</sub> <input type="checkbox"/> BINARY		11. SURFACE		31. ACID FRACTURE	
WELL NAME AND NUMBER <i>110-23-30</i>		TD WELL DEPTH (FT.) <i>—</i>		WELL LOCATION: WELL SEC/TWP/RGE <i>30-89-18E</i>		12. INTERMEDIATE		32. FRACTURE 0-9,999 psi	
WELL LOCATION:		COUNTY <i>Madison</i>		STATE <i>MT</i>		13. LONG		33. FRACTURE 10,000 + psi	
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE		LIST PRICE/UNIT		GROSS AMOUNT	
PERCENT DISC.		QUANTITY		NET AMOUNT		14. LINER		34. PLUMPING (STM)	
15. TIEBACK		16. PLUG & ABANDON		17. PLUG BACK		18. SQUEEZE		19. PUMPING (CEMENT)	
20. BULK SALES (CEMENT)		21. TOOL SERVICES		22. TOOL SALE		23. TOOL RENTAL		24. TOOL REDRESS	
25. TOOL SERVICE		26. GRAVEL PACK TOOL SALES		27. GRAVEL PACK TOOL RENTAL		28. SAND CONTROL		29. SAND CONTROL	

PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE/UNIT	GROSS AMOUNT	PERCENT DISC.	NET AMOUNT
53706	Equipment mileage	mi.	70	2.75	192.50	50%	96.25
53716	Pick-up mileage	mi.	70	1.80	126.00		126.00
50016	Personnel charges	hr	1	2,475.00	2,475.00		2,475.00
50106	Service charges	unit	250	1.40	350.00		350.00
54016	Delivery charges 11.75	total	523	1.00	523.00		523.00
54336	Fluorocarbon "C" Payment	sh	250	10.72	2,730.00		2,730.00
110-30	LABOR	hr	410	.41	168.10		168.10
50506	Administrative fees	hr	3	310.00	780.00		780.00
<i>Total -</i>					<i>7,224.50</i>		<i>5,164.17</i>

ARRIVE LOCATION MO. DAY YEAR TIME <i>11 17 74 7:30</i>	SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH TERMS AND CONDITIONS PRINTED ON THE REVERSE SIDE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.	SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.
CUSTOMER REP. LAST NAME <i>MR. KALLWASSER</i>	CUSTOMER AUTHORIZED AGENT <i>[Signature]</i>	CUSTOMER AUTHORIZED AGENT <i>[Signature]</i>
SEE REVERSE SIDE FOR GENERAL TERMS AND CONDITIONS	CUSTOMER AUTHORIZED AGENT <i>[Signature]</i>	WESTERN APPROVED <i>[Signature]</i>



THE WESTERN COMPANY  
CEMENT JOB DETAIL SHEET

143

CUSTOMER <i>Wild Horse</i>		DATE <i>11-17</i>	F.L.# <i>202010</i>	SER. SUP. <i>D. Bailey</i>	TYPE JOB <i>270</i>								
LEASE & WELL NAME-OCSG <i>120-25-11</i>		LOCATION <i>30-113-15-C</i>		COUNTY-PARISH-BLOCK <i>Winkler</i>									
DISTRICT <i>Winkler</i>		DRILLING CONTRACTOR RIG # <i>22</i>		OPERATOR <i>Winkler</i>									
MATERIAL FURNISHED BY WPS	TYPE OF PLUGS		LIST-OCSG-HARDWARE		SO MANI FOLD Y N	TOP OF EACH FLUID	PHYSICAL SLURRY PROPERTIES						
	TOP BTM							SLURRY WGT PPG	SLURRY YLD FT	WATER OPS	PUMP TIME HR:MM	Slurry	Bbl MIX WATER
Available Mix Water		Bbl.	Available Displ. Fluid		Bbl.			TOTAL		<i>50</i>	<i>27.7</i>		
HOLE			TBG-OCSG-D.P.			TBG-OCSG-D.P.			COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	SIZE	WGT.	TYPE	DEPTH	SHOE	FLOAT	STAGE
-	-	-	<i>2 7/8</i>	<i>6.5</i>	<i>J-55</i>	<i>5000</i>	<i>5 1/2</i>	<i>11.2</i>	<i>1.5</i>	<i>1870</i>	-	-	-
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH			TOP CONN		WELL FLUID		
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	SIZE	WGT.	
<i>8 3/4</i>	<i>24</i>	-	<i>310</i>	<i>8/17</i>	<i>500</i>	<i>376</i>	-	<i>2 7/8</i>	<i>8 AD</i>	<i>1 1/2</i>	<i>8.4</i>		
CAL DISPL VOL-Bbl.			CAL PSI			CAL MAX PSI			OP. MAX			MAX TBG PSI	
-80-	-80-	CSG	TOTAL	BUMP PLUG	TO REV	BS, PSI	RATED	OP.	RATED	OP.	DISPL FLUID	WATER SOURCE	
<i>28.4</i>	<i>17.5</i>	<i>8.5</i>					<i>5280</i>	<i>4224</i>	<i>5320</i>	<i>4256</i>	<i>1 1/2</i>	<i>8.4</i>	<i>761</i>
EXPLANATION: TROUBLE SETTING TOOL RUNNING CSG. ETC. PRIOR TO CEMENTING.													
PRESSURE/RATE DETAIL						EXPLANATION							
TIME	PRESSURE-PSI		RATE	Bbl. FLUID	FLUID	SAFETY MEETING: WPS CREW <input checked="" type="checkbox"/> CO. REP <input type="checkbox"/>							
HR. MIN.	PIPE	ANNULUS	BPM	PUMPED	TYPE	TEST LINES							
						CIRCULATING WELL-RIG <input type="checkbox"/> WPS <input checked="" type="checkbox"/>							
<i>8:25</i>	-		<i>3.0</i>	-	<i>H<sub>2</sub>O</i>	<i>Well 127 789 c 5000'</i>							
<i>8:33</i>	<i>350</i>		-	<i>16</i>	<i>H<sub>2</sub>O</i>	<i>59 Well</i>							
<i>8:42</i>	<i>350</i>		<i>3</i>	-	<i>COAT</i>	<i>START COAT Plug # 2</i>							
<i>8:43</i>	<i>400</i>		<i>5</i>	<i>2</i>	<i>COAT</i>	<i>END COAT</i>							
<i>8:45</i>	<i>400</i>		<i>5.5</i>	-	<i>H<sub>2</sub>O</i>	<i>START DISP</i>							
<i>8:51</i>	-		-	<i>28.4</i>	<i>H<sub>2</sub>O</i>	<i>END DISP 11.00h to 3256'</i>							
<i>10:30</i>	<i>50</i>		<i>2</i>	-	<i>COAT</i>	<i>START COAT Plug # 2</i>							
<i>10:33</i>	<i>50</i>		<i>2</i>	<i>5.1</i>	<i>COAT</i>	<i>END COAT</i>							
<i>10:33</i>	<i>100</i>		<i>3</i>	-	<i>H<sub>2</sub>O</i>	<i>START DISP</i>							
<i>10:37</i>	-		-	<i>17.5</i>	<i>H<sub>2</sub>O</i>	<i>END DISP 1.00h to 1702'</i>							
<i>12:01</i>	<i>50</i>		<i>2.5</i>	-	<i>COAT</i>	<i>START COAT Plug # 3</i>							
<i>12:03</i>	<i>50</i>		<i>2.5</i>	<i>5.1</i>	<i>COAT</i>	<i>END COAT</i>							
<i>12:03</i>	<i>50</i>		<i>3.5</i>	-	<i>H<sub>2</sub>O</i>	<i>START DISP</i>							
<i>12:06</i>	-		-	<i>8.5</i>	<i>H<sub>2</sub>O</i>	<i>END DISP 1.00h to 1702'</i>							
<i>2:44</i>	-		<i>2.5</i>	-	<i>COAT</i>	<i>START COAT 11.00h to 1702'</i>							
<i>2:55</i>	-		-	<i>28.6</i>	<i>COAT</i>	<i>END COAT Shift Down COAT to SURFACE</i>							
<i>3:28</i>	-		<i>.5</i>	-	<i>COAT</i>	<i>START COAT</i>							
<i>3:55</i>	-		-	<i>7.2</i>	<i>COAT</i>	<i>END COAT COAT to SURFACE</i>							
<i>4:30</i>	-		-	-	-	<i>ADJUSTED CEMENT JOB</i>							
<i>THANKS, DARRIN + CREW.</i>													
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	TOTAL Bbl. PUMPED	Bbl. CMT RETURNS/ REVERSED	PSI LEFT ON CSG	SPOT TOP CEMENT	SER. SUP. <i>D. Bailey</i>						
<i>Y-N</i>		<i>Y-N</i>	<i>170.1</i>	<i>3</i>	-	<i>0</i>	CUSTOMER REP. <i>Ruby Kallalbacke</i>						