

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
JUN 22 1990

DIVISION OF
OIL, GAS & MINING

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
McKenzie Petroleum Company

3. Address of Operator
1625 Broadway, Suite 2580, Denver, Co. 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
 At surface 366' FSL, 2382 FEL SWSE Sec. 21-T11S-R24E
 At proposed prod. zone Same
 43-047-31863

14. Distance in miles and direction from nearest town or post office*
60 miles South of Vernal, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. line, if any) 366'

16. No. of acres in lease 640

13. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. None

19. Proposed depth 4600' WJSTC

21. Elevations (Show whether DF, RT, GR, etc.) 5665' GR

20. Rotary or cable tools Rotary

22. Approx. date work will start*
To be determined by BLM

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"	24#	300'	200 sks Class B. + 2% CaCl2
7-7/8"	4-1/2"	11.6#	4600'	325 sks hi-lift filler cement followed by 200 sks RFC containing Kolite & fluid-loss materials.

5. Lease Designation and Serial No.
BLM U-54224

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

7. Unit Agreement Name
End Of The Rainbow

8. Farm or Lease Name
N/A

9. Well No.
21-1

10. Field and Pool, or Wildcat
Rockhouse/Rainbow Undesignated

11. CO. Sec., T., R., M., or Blk. and Survey or Area
SWSE Sec. 21-T11S-R24E

12. County or Parrish
Uintah

13. State
Utah

McKenzie Petroleum Company, as operator of the above mentioned well, assumes responsibility for all drilling and production operations proposed herein.

Bond coverage will be provided through an irrevocable letter of credit, to be issued by MBANK-Greenway, Houston, Texas. The amount will be \$80,000.00, pursuant to R615-3-1-15.

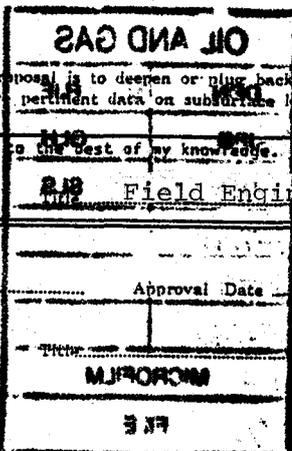
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. I hereby certify that this report is true and complete to the best of my knowledge.

Signed: R. J. Soff Field Engineer Date: 6/13/90

(This space for Federal or State office use)
API NO. 43-047-31897

Approved by: _____ Date: _____
Conditions of approval, if any:



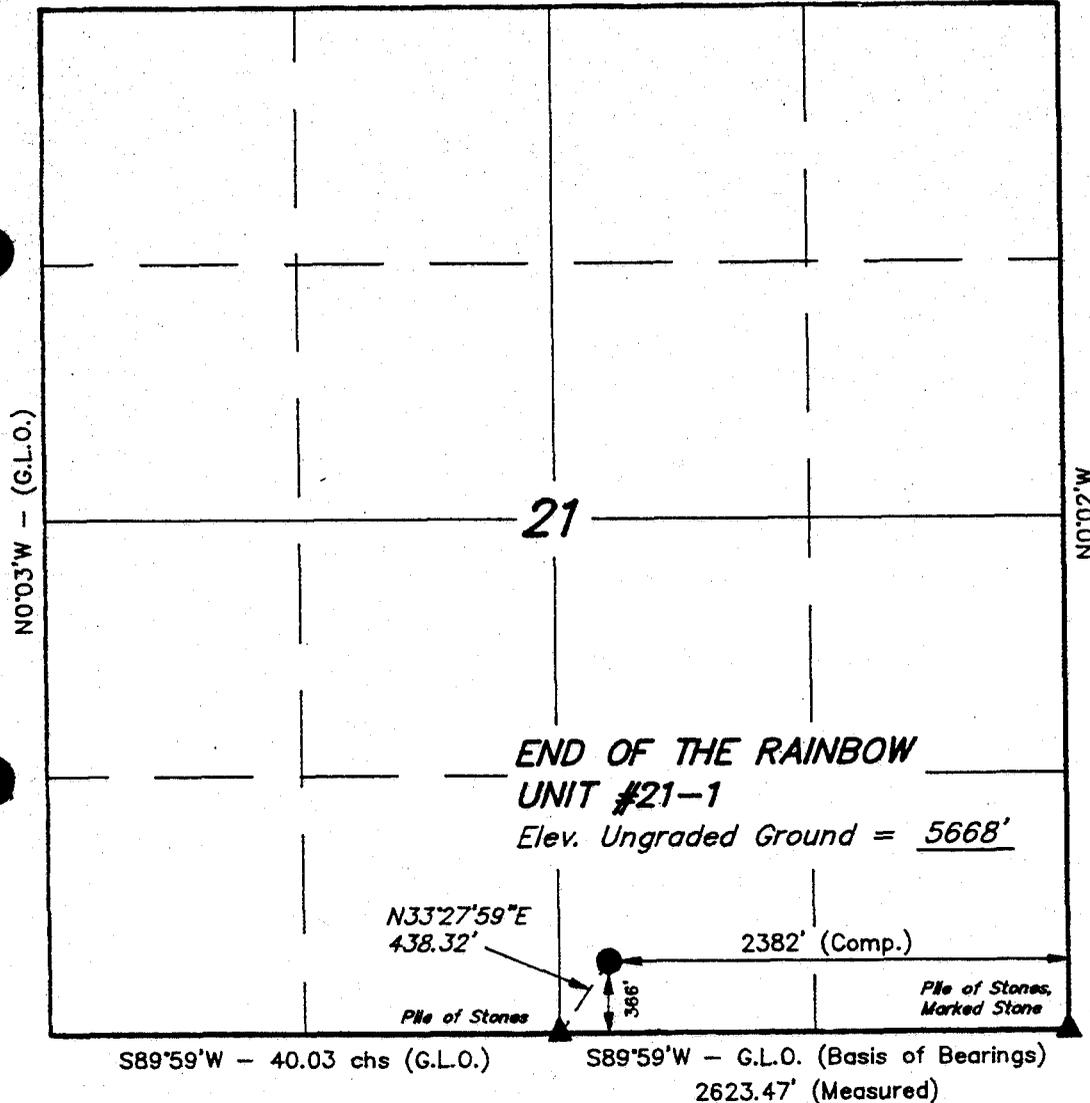
*See Instructions On Reverse Side

T11S, R24E, S.L.B.&M.

McKENZIE PETROLEUM COMPANY

Well location, END OF THE RAINBOW UNIT #21-1, located as shown in the SW 1/4 SE 1/4 of Section 21, T11S, R24E, S.L.B.&M. Uintah County, Utah.

N89°58'W - 80.04 (G.L.O.)



END OF THE RAINBOW UNIT #21-1
Elev. Ungraded Ground = 5668'

N33°27'59"E
438.32'

2382' (Comp.)

Pile of Stones

Pile of Stones, Marked Stone

S89°59'W - 40.03 chs (G.L.O.)

S89°59'W - G.L.O. (Basis of Bearings)
2623.47' (Measured)

▲ = SECTION CORNERS LOCATED.

BASIS OF ELEVATION

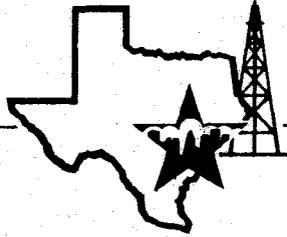
BENCH MARK NEAR THE KINGS WELL ROAD IN THE SW 1/4 SE 1/4 OF SECTION 28, T11S, R24E, S.L.B.&M. TAKEN FROM THE RAINBOW QUADRANGLE, UTAH UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP). PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5668 FEET.



CERTIFICATE
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAID ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
Robert L. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO. 5709
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX 1758 - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 5-14-90
PARTY R.K. J.F. W.J.R.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE McKENZIE PETROLEUM CO.



McKenzie Petroleum Company

End of the Rainbow #21-1
366' FSL, 2382' FEL
Section 21, Township 22 South, Range 24 East
Uintah County, Utah

BLM Lease Number: U-54224

EIGHT POINT DRILLING PROGRAM

1. Estimated tops of Important Geologic Markers:

Green River Formation	Surface
Wasatch Formation	2370'
Mesaverde Formation	4050'

2. Estimated Depth (Interval) of Anticipated Minerals:

A. Water:	Green River Formation	Surface - 2370'
B. Oil:	none	N/A
C. Gas:	Wasatch and Mesaverde Formations	2370' - 4600'
D. Other Mineral Bearing Formations:		
Oil Shale:	Green River Formation	Surface - 700'

3. Minimum Specifications for Pressure Control Equipment: (see attached diagram)

A 3,000# double ram BOP and Hydril will be used. Accessories will include a lower kellycock, floor safety valve and a 3000# choke manifold with positive and variable chokes. BOP stack and manifold will be tested after nipping up and after any use under pressure. Pipe rams will be checked every 24-hour period and blind rams will be checked each time pipe is pulled out of the hole. Tests will be reported on daily drilling reports.

Surface casing will be tested to 1,000 psig.

4. Proposed Casing Program:

<u>Hole size</u>	<u>Interval</u>	<u>Size</u>	<u>Wt.Gr.Jt.</u>	<u>Condition</u>
12-1/4"	sfc - 300'	8-5/8"	24#,K,ST&C	new
7-7/8"	sfc - 4600'	4-1/2"	11.6#,N80,LTC	new & used

Cementing Program:

Surface Casing: Cement with 200 sx (240 cu ft) Class B with 2% Calcium Chloride sufficient to bring cement to surface.

Production Casing: Cement with 325 sx (1200 cu ft) high-lift filler cement followed by 200 sx (300 cu ft) RFC containing kolite and fluid-loss materials.

5. Type and Characteristics of Circulating Fluids:

A native, water-based mud system will be used initially, followed by a low-solids, non-dispersed (LSND) gel chemical system. If increased mud weights are required, a salt-based mud system will be used. Adequate stocks of sorbitive agents will be kept on hand to handle possible spills of fuel and oil on the surface.

<u>Depth</u>	<u>Type</u>	<u>Wt,ppg</u>	<u>Viscosity,cp</u>	<u>Fl. Loss</u>
0' - 300'	Native	8.3	80 - 100	NC
300' - 2370'	LSND	8.3-9.0	40 - 50	NC
2370' - 4600'	LSND	9.1-9.5	40 - 60	10

6. Anticipated Testing and Coring Program:

No DST's are anticipated; however, plans are to run the hard rock coring tool and cut plugs of the Wasatch and Mesaverde formations. These intervals will be selected from the open hole well logs at the well site. The well logging program consists of Gamma Ray, SP, Dual Induction Log from surface to total depth and Gamma Ray, Caliper, Compensated Density - Neutron Log from the lower Green River to total depth.

7. Anticipated Abnormal Pressures, Temperatures, etc.:

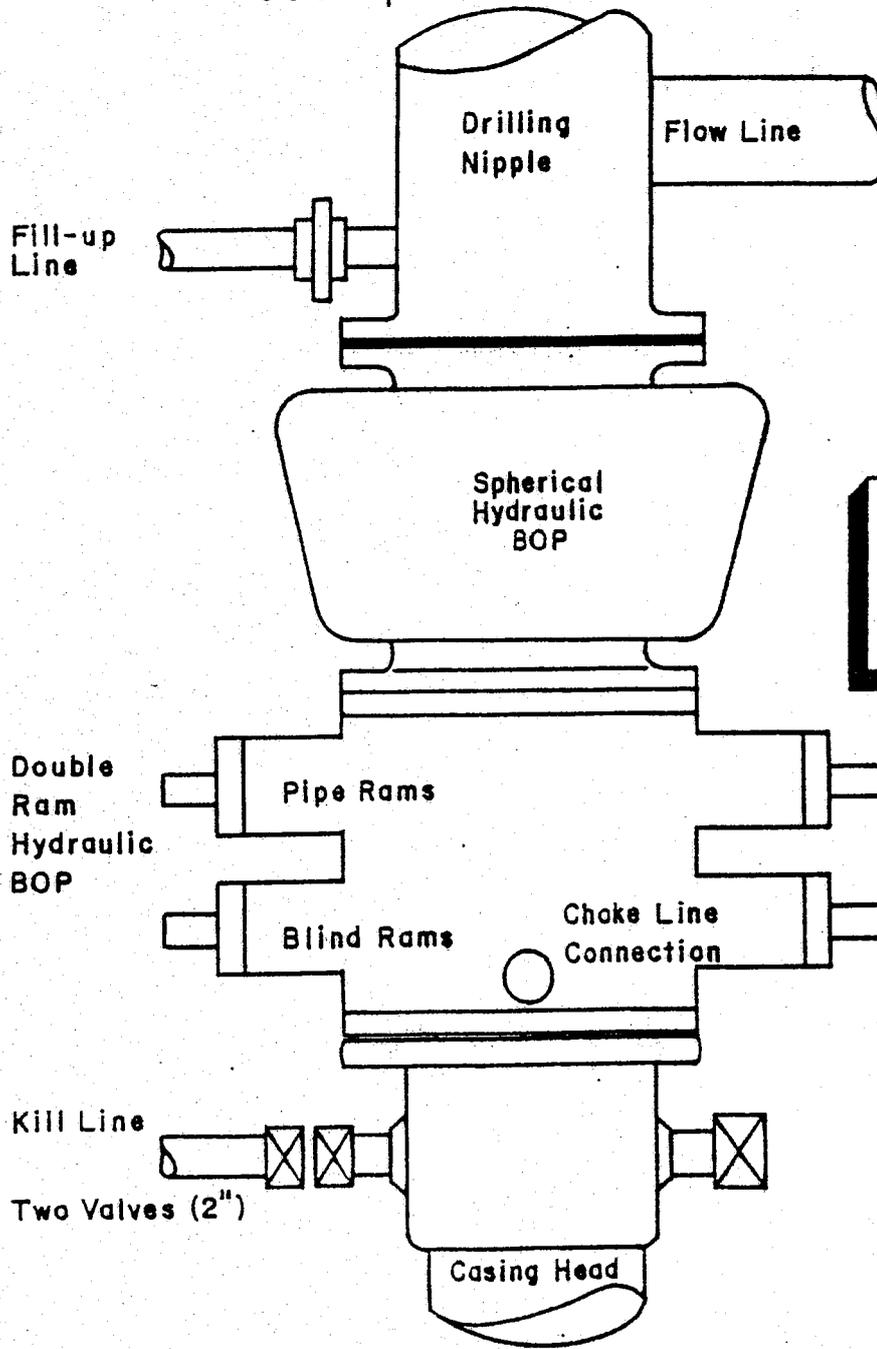
No other abnormal pressures or temperatures are expected. Reservoir pressure of the mesaverde zone is expected to be 2153 psig.

8. Operations:

The anticipated spud date will be determined by the BLM. The estimated drilling time is 8-10 days with 7-10 days for completion.

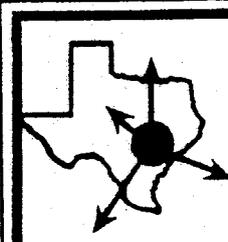
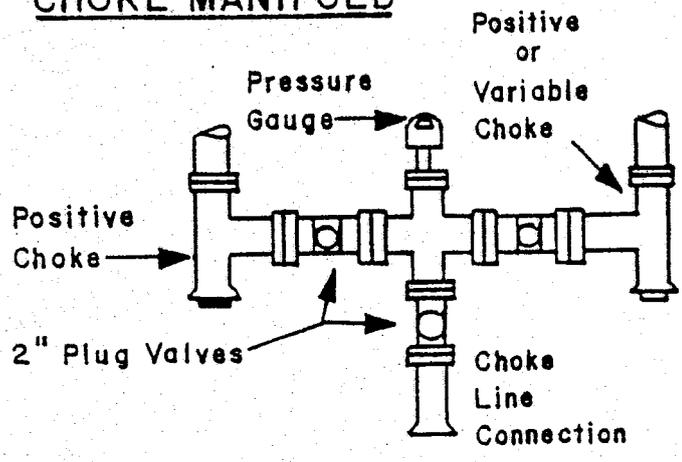
BLOWOUT PREVENTOR EQUIPMENT

3000 psi. W.P.



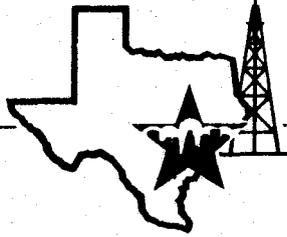
PRESSURE CONTROL EQUIPMENT

CHOKING MANIFOLD



McKenzie Petroleum Co.

1625 Broadway
Suite 2580
Denver, Colorado 80202



McKenzie Petroleum Company

End of the Rainbow #21-1
366' FSL, 2382' FEL
Section 21-T11S-R24E
Uintah County, Utah

BLM Lease Number: U-54224

13 POINT SURFACE USE PLAN

1. Existing Roads:

- A. Refer to Topographic map. Reference stakes have been set.
- B. The access road to the well location begins at the Kings Well Road in the SE/4 of Section 28, Township 11 South, Range 24 East.
- C. Existing roads will not be altered.

2. Access Road to be Constructed or Reconstructed: (See attached map)

- A. Length of the access road is approximately 1.4 miles.
- B. Right-Of-Way width is 30 feet with 18 feet maximum running surface.
- C. Maximum grade is expected to be 8% in one short section just prior to location. The majority of the access road grade is 0-5%.
- D. No turnouts are planned.
- E. The access road will be crowned and ditched for drainage purposes.
- F. No major cuts are planned. Two 24" culverts with necessary fill will be placed at the Center Asphalt Wash crossing just prior to the location due to anticipated heavy traffic. The access road will cross Center Asphalt Wash in five additional places using a typical dry creek drainage crossing.
- G. No surfacing material will be used.
- H. No gates, fences, or cattle guards are planned. There are no existing facilities.

- I. All access roads areas are BLM owned. The attached Unit Operating Agreement makes a right-of-way application unnecessary for the portion of the access road in Section 28.
3. Location of Existing Wells Within 1 Mile:
- A. No wells of any kind exist within one mile of the proposed location.
4. Location of Existing and/or Proposed Facilities:
- A. On well pad: see attached production layout diagram.
B. Off well pad: no facilities proposed.
5. Location and Type of Water Supply:
- A. Water will be supplied to the location from Evacuation Creek near the Watson Ghost Town in Township 11 South, Range 25 East, or from the White River just south of Bonanza.
B. Water will be transported by West Hazmat Trucking Corp., Vernal, Utah. The permit will be forwarded to your office.
C. No water well will be drilled.
6. Construction Materials:
- A. Construction materials required to install the two 24" culverts in Center Asphalt Wash, just prior to the location, will be obtained from the small nearby access road cut.
B. All access road land is owned by the BLM.
7. Methods of Handling Waste Disposal:
- A. 1. Cuttings will be contained in the reserve pit.
2. Portable chemical toilets will be provided for storage of human waste.
3. A trash basked will be provided for garbage and other materials.
4. Salts will be confined to the reserve pit.
5. Chemicals will be confined to the reserve pit.
B. As much drilling fluid as possible will be removed from the reserve pit and hauled to Rooney's approved disposal well, the Williams #1, near Roosevelt, Utah. Produced oil or water recovered during testing will also be disposed of in the Williams #1 disposal well.

8. Ancillary Facilities:

No air strip, camp or other facilities will be built during the drilling of this well.

9. Well Site Layout:

- A. See attached topographic map.
- B. See attached cross-section and cut-fill diagrams.
- C. See attached location layout.
- D. Reserve pit will be lined with bentonite to prevent fluid seepage. The pit will be fenced on three sides during drilling with a barbed-wire-topped wire mesh fence. The fourth side will be fenced when the drilling rig moves off location. A natural drainage exists on the west side of the reserve pit and will direct runoff water to the south of the location.

10. Plans for Restoration of Surface:

- A.
 - 1. As soon as possible, pit liquids will be removed and disposed of as described in Item 7B. The pit will be allowed to dry and be backfilled as soon as practical. Leveling and recontouring are planned as soon as the reserve pit has dried. Wastes and spoils materials will be hauled to an approved landfill.
 - 2. Revegetation and rehabilitation will be completed as per BLM recommendations. If the well is productive, all unused areas will be reclaimed as soon as practical. If the well is abandoned, the location and access road will be reclaimed as soon as practical.
- B.
 - 1. Upon completion of the well, the location and surrounding area will be cleared of all trash and materials not needed for production. The reserve pit will be dried and cleaned prior to backfilling and will be reclaimed within one year of well completion. All disturbed areas will be recontoured to the approximate natural contours. Stockpiled topsoil will be evenly distributed over disturbed areas. Prior to reseeding, all disturbed areas, including the access road, will be scarified and left with a rough surface. Reseeding will occur at a time and in a matter recommended by the BLM.
 - 2. If the well is abandoned the location and access road, including bar ditches, culverts and road cuts will be restored to approximate natural range land conditions.

11. Surface Ownership:

All lands, including the location and access road are federally owned.

12. Other Information:

- A. Topography for this area is controlled by the dominate geologic feature, West Asphalt Wash, and smaller connecting washes. Animals common to the area include deer, elk, coyote, and rabbit. Vegetation is primarily sage brush. Soil is primarily sand and broken shale.
- B. No other surface-use activities exist in this area.
- C. A cultural resource survey will be conducted by Grand River Institute of Grand Junction, Colorado. A copy of the survey will forwarded to your office.
- D. A Uintah Basin Wastewater Permit will be forwarded to your office.

13. I hereby certify that I, or persons under my direct supervisions have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by McKenzie Petroleum Company and its contractors and subcontractors in conformity with this plan and 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 false statement.

Date

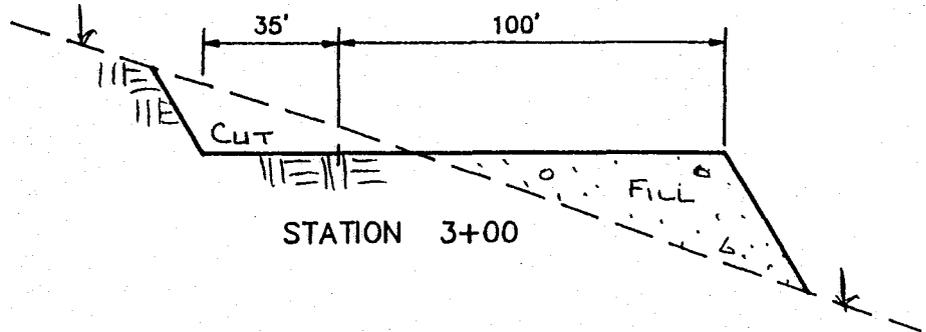
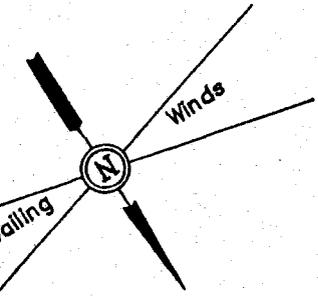
7/2/90


Robert J. Sagle
Field Engineer

McKENZIE PETROLEUM CO.

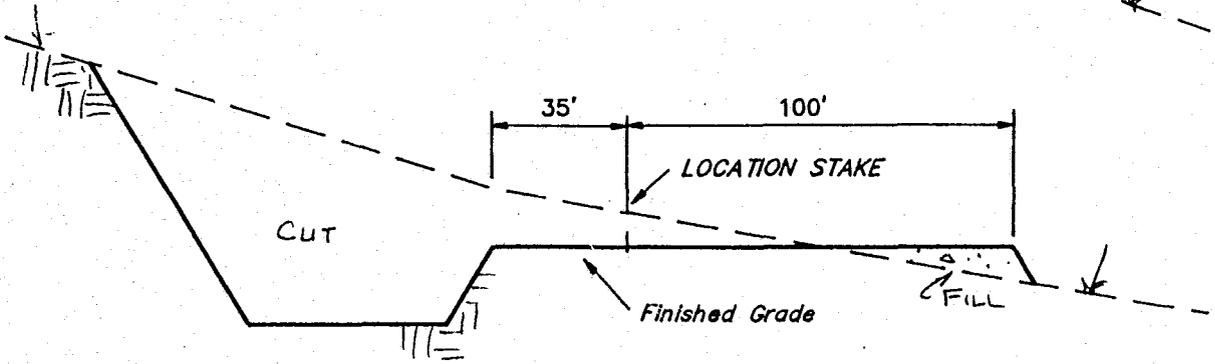
LOCATION LAYOUT FOR

**END OF THE RAINBOW UNIT #21-1
SECTION 21, T11S, R24E, S.L.B.&M.**



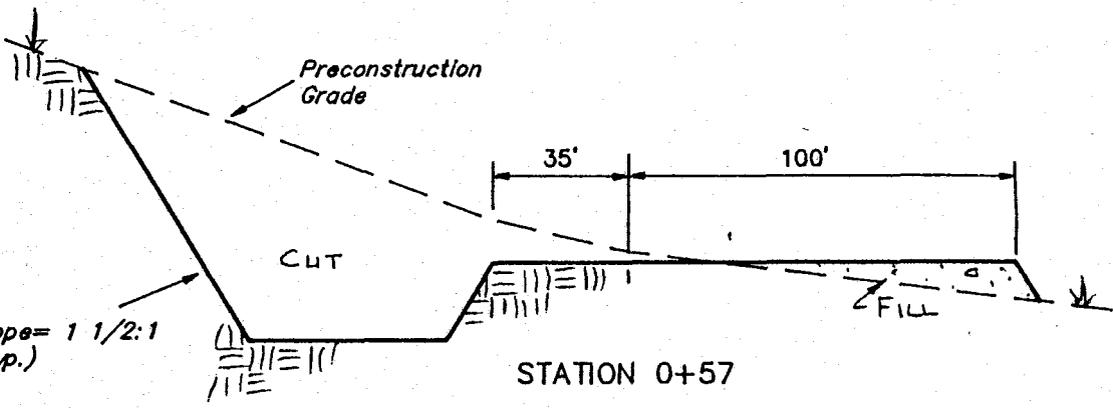
STATION 3+00

SCALE: 1" = 50'
DATE: 5-15-90
Drawn By: J.R.S.

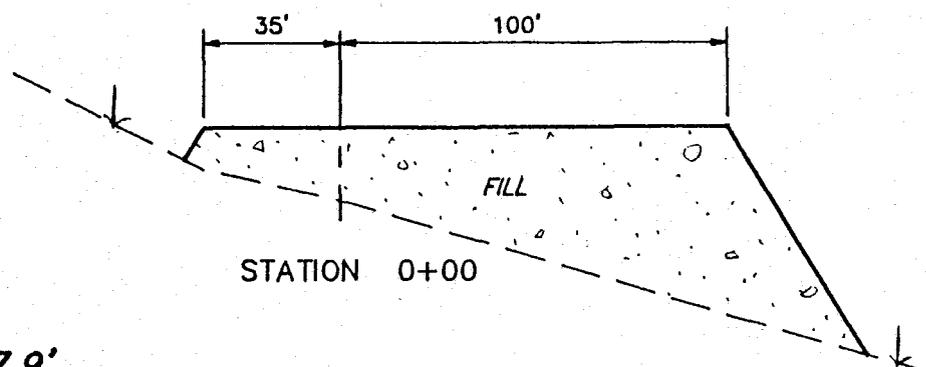


STATION 1+25

X-Section Scale
1" = 50'



STATION 0+57



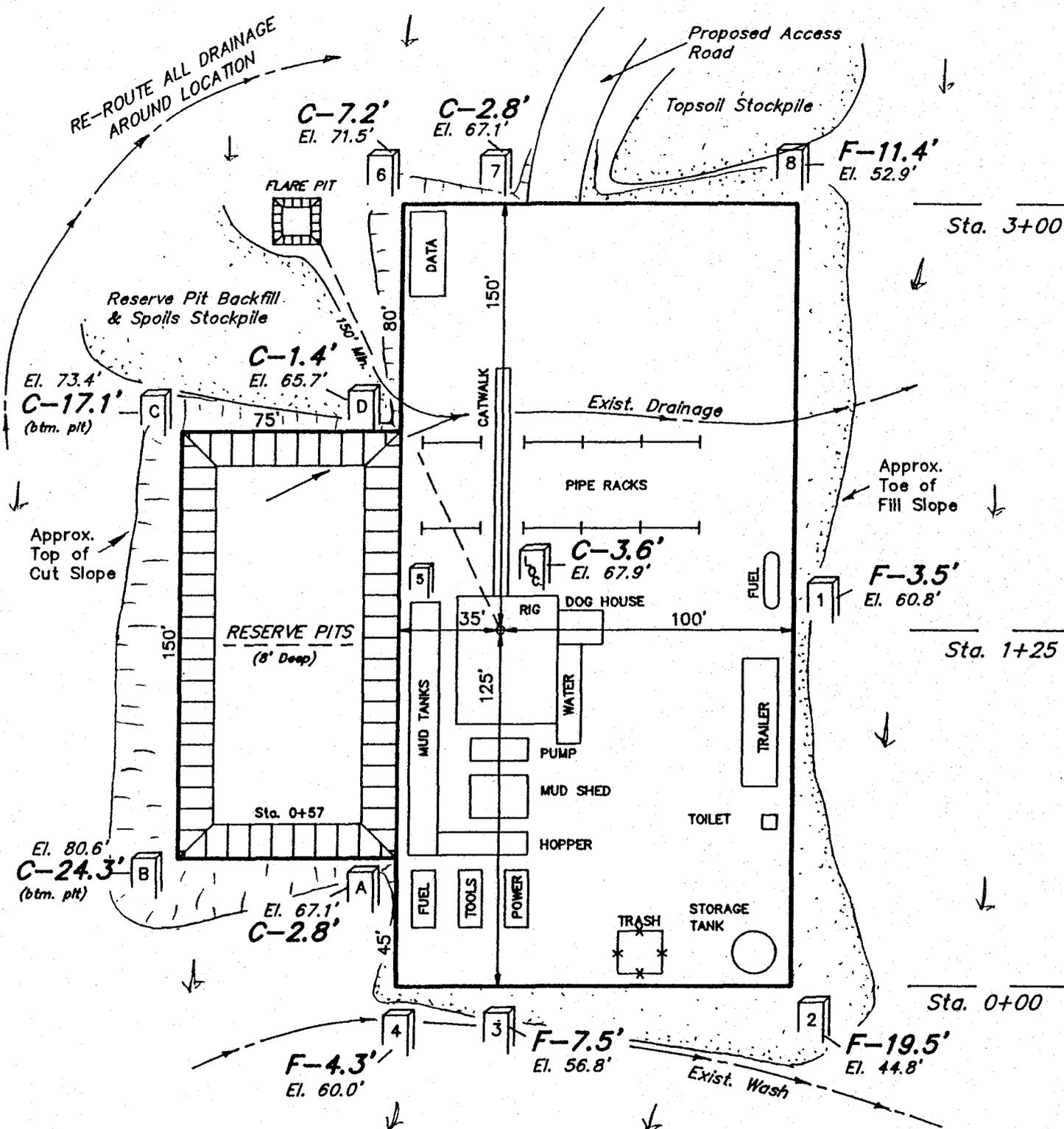
STATION 0+00

TYP. LOCATION LAYOUT

TYP. CROSS SECTIONS

Graded Ground at Location Stake = 5667.9'

Graded Ground at Location Stake = 5664.3'



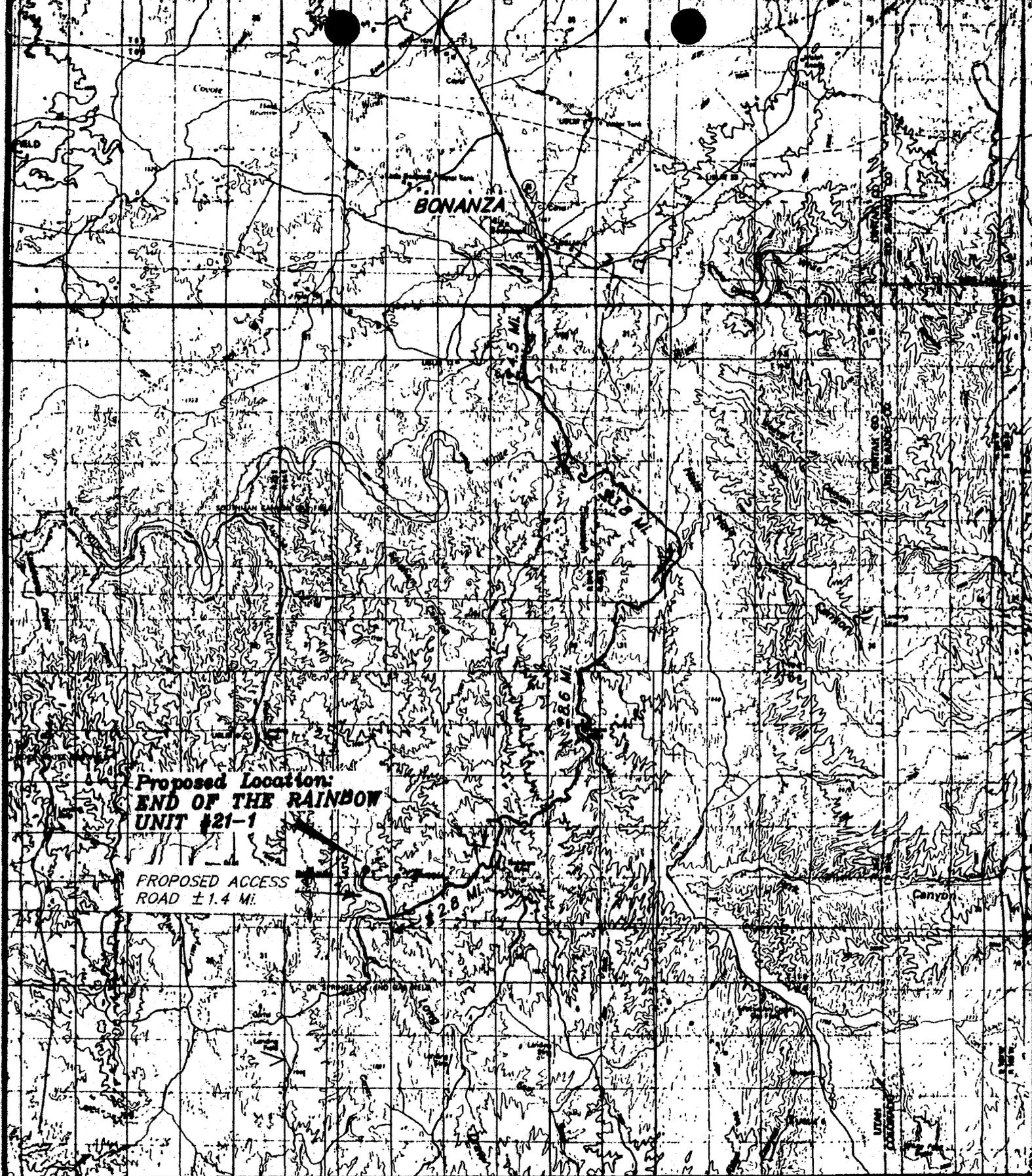
APPROXIMATE YARDAGES

(6") Topsoil Stripping = 896 Cu. Yds.
 Pit Volume (Below Grade) = 2,576 Cu. Yds.
 Remaining Location = 6,029 Cu. Yds.

EXCESS MATERIAL AFTER 5% COMPACTION = 2,201 Cu. Yds.
 Topsoil & Pit Backfill (1/2 Pit Vol.) = 2,184 Cu. Yds.

TOTAL CUT = 9,501 CU.YDS.
 FILL = 6,935 CU.YDS.

EXCESS UNBALANCE (After Rehabilitation) = 17 Cu. Yds.



**Proposed Location:
END OF THE RAINBOW
UNIT #21-1**

**PROPOSED ACCESS
ROAD ± 1.4 MI.**

**TOPOGRAPHIC
MAP "A"**



McKENZIE PETROLEUM CO.
END OF THE RAINBOW UNIT #21-1
SECTION 21, T11S, R24E, S.L.B.&M.

**Proposed Location:
END OF THE RAINBOW
UNIT #21-1**

PROPOSED ACCESS
ROAD ± 1.4 MI.

24" CULVERTS

PROPOSED ACCESS ROAD
IN BOTTOM OF WASH
(DASHED AREA)

BONANZA ± 19.7 MI.

**TOPOGRAPHIC
MAP "B"**

SCALE: 1" = 2000'



McKENZIE PETROLEUM CO.
END OF THE RAINBOW UNIT #21-1
SECTION 21, T11S, R24E, S.L.B.&M.

10090

OPERATOR McKenzie Petroleum Co. DATE 6-16-90

WELL NAME End of the Rainbow 01-1

SEC SWSE 01 T 11S R 04E COUNTY Murtah

43-047-31897
API NUMBER

Individual
TYPE OF LEASE

CHECK OFF:

PLAT.

BOND

NEAREST WELL

LEASE

FIELD SLBM

POTASH OR OIL SHALE

PROCESSING COMMENTS:

P.O.O not needed per Dennis Thompson 7-10-90
water permit needed

APPROVAL LETTER:

SPACING:

R615-2-3

End of the Rainbow
UNIT

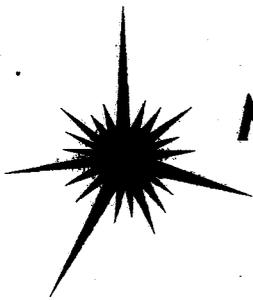
R615-3-2

N/A
CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

1- water permit



McKenzie Methane Corporation

June 29, 1990

RECEIVED
JUL 02 1990

DIVISION OF
OIL, GAS & MINING

Ms. Tami Searing
Division of Oil, Gas, & Mining
3 Triad Center, Ste. 350
Salt Lake City, UT 84180-1203

Dear Ms. Searing:

Enclosed please find information regarding the End of the Rainbow #21-1 APD filed by McKenzie Methane Corporation. These copies include the following:

Eight Point Drilling Program,
Thirteen Point Drilling Program,
Plat Map.

Please let me know if you require any additional information.

Sincerely,

Betty Jones Green
Betty Jones Green

Enc

cc: Bob Sagle

Post-It™ routing request pad 7664
BRAND

ROUTING - REQUEST

Please

READ

HANDLE

APPROVE

and

FORWARD

RETURN

KEEP OR DISCARD

REVIEW WITH ME

To

Rula
film jaw
4304731897
in drilling ✓

Date *10-29-90*

From

Caralyn

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
JUL 05 1990

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: McKenzie Petroleum Corporation

3. Address of Operator: 1625 Broadway, Suite 2580, Denver, Co. 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface: 366' FSL, 2382' FEL SWSE Sec. 21-T11S-R24E
At proposed prod. zone: Same

5. Lease Designation and Serial No.: BLM #U-54224

6. If Indian, Allottee or Tribe Name: -

7. Unit Agreement Name: End Of The Rainbow Unit

8. Farm or Lease Name: End Of The Rainbow

9. Well No.: #21-1

10. Field and Pool, or Willcat: Unassigned 000 Rockhouse Rainbow

11. 00, Sec., T., R., N., or Blk. and Survey or Area: SWSE Sec. 21-T11S-R24E

14. Distance in miles and direction from nearest town or post office*: 60 miles south of Vernal, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest driz. line, if any): 366'

16. No. of acres in lease: 640

17. No. of acres assigned to this well: 640

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.: None

19. Proposed depth: 4600' WSTC

20. Rotary or cable tools: Rotary

21. Elevations (Show whether DF, RT, GR, etc.): GR 5665'

22. Approx. date work will start*: To be determined by BLM

12. County or Parrish: Uintah

13. State: Utah

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"	24#	300'	200 sks Class B + 2% CaCl2
7-7/8"	4-1/2"	11.6#	4600'	325 sks Hi-Lift + 200 sks RFC

OIL AND GAS	
DFW	4- RJF
2-JB	GLH
DIS	SLS
1-TAS	
3-TAS	
5-TAS	
6-	MICROFILM
7-	FILE

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. I hereby certify that this report is true and complete to the best of my knowledge.
Signed: R/S Soble Title: Field Engineer Date: 7/2/90

(This space for Federal or State office use)
APE NO. 43-047-31897 Approval Date _____
APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS AND MINING

Approved by: _____ Title: _____
Conditions of approval, if any: _____
DATE: 7-16-90
BY: John R. Dyer
WELL SPACING: R-105-d-3



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangarter
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

July 16, 1990

McKenzie Petroleum Company
1625 Broadway, Suite 2580
Denver, Colorado 80202

Gentlemen:

Re: End of the Rainbow 21-1 - SW SE Sec. 21, T. 11S, R. 24E - Uintah County, Utah
366' FSL, 2382' FEL

Approval to drill the referenced well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule R615-2-3, Oil and Gas Conservation General Rules, 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 Chapter 3, Title 73, Utah Code Annotated.

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

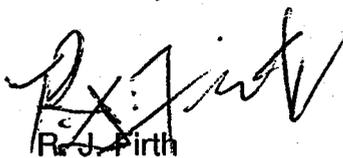
1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-20, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

Page 2
McKenzie Petroleum Company
End of the Rainbow 21-1
July 16, 1990

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 Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
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 43-047-31897.

Sincerely,



R. J. Pirth

Associate Director, Oil & Gas

tas
Enclosures
cc: Bureau of Land Management
J. L. Thompson
WE14/1-4

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
 McKenzie Petroleum Company

3. ADDRESS OF OPERATOR
 1625 Broadway, Suite 2580, Denver, Co. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface 366' FSL, 2382' FEL SWSE Sec.21-T11S-R24E
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 60 miles South of Vernal, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 366'

16. NO. OF ACRES IN LEASE 640

17. NO. OF ACRES ASSIGNED TO THIS WELL 640

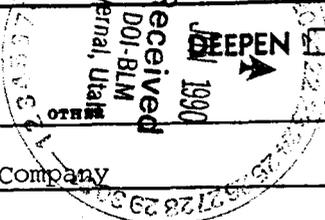
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None

19. PROPOSED DEPTH 4600'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5668' GR

22. APPROX. DATE WORK WILL START* To be determined by BLM



5. LEASE DESIGNATION AND SERIAL NO.
 BLM U-54224

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 N/A

7. UNIT AGREEMENT NAME
 End Of The Rainbow

8. FARM OR LEASE NAME
 N/A

9. WELL NO.
 21-1

10. FIELD AND POOL, OR WILDCAT
 Rockhouse/Rainbow

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec.21-T11S-R24E

12. COUNTY OR PARISH Uintah

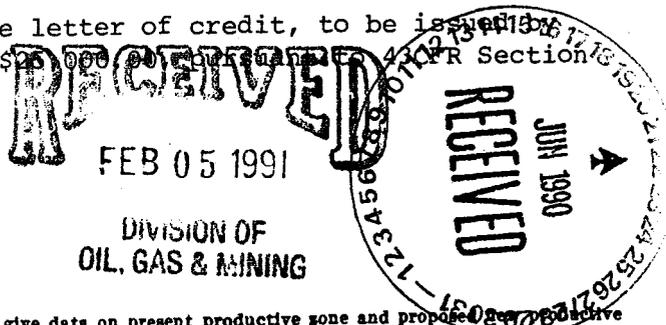
13. STATE Utah

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"	24#	300'	200 sks Class B + 2% CaCl2
7-7/8"	4-1/2"	11.6#	4600'	325 sks hi-lift filler cement followed by 200 sks RFC containing Ko-lite and fluid-loss materials.

McKenzie Petroleum Company, as operator of the above mentioned well, assumes responsibility for all drilling and production operations proposed herein.

Bond coverage will be provided through an irrevocable letter of credit, to be issued by MBANK-Greenway, Houston, Texas. The amount will be \$200,000.00. 42 CFR Section 31.104.1-5.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed 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 RA Sogha TITLE Field Engineer DATE 6/13/90

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE ASSISTANT DISTRICT MANAGER MINERALS DATE Feb. 1, 1991

CONDITIONS OF APPROVAL, IF ANY:

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

4T080-0M42 *See Instructions On Reverse Side
 Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Decision Record/Rationale and Finding of No Significant Impacts
for McKenzie Petroleum Company Well 21-1 in the
End of the Rainbow Unit in T.11S, R.24E.

Decision

The decision is to approve the APD of McKenzie Petroleum Company on Federal Lease U-54224 at 366 feet FSL 2382 feet FEL, Section 21, T.11S, R.24E. An access road approximately 1.4 miles in length will be constructed from the Kings Well Road to the drill site.

This is the drill site mentioned in the EA as alternative A (the proposed action).

The following stipulations will be applied:

1. McKenzie Petroleum Company will install a gate and sign near the beginning of the new access road in the SE1/4 SE1/4 of Section 28, T.11S, R.24E. The gate is to have a lock and will be kept locked. Keys will be available to the company and to the BLM. The sign will read "Access is restricted to authorized well service and BLM personnel. Unauthorized vehicles are prohibited".

Rationale:

The proposed action will meet the objectives of the Book Cliffs RMP. The locked gate will prevent additional traffic on the road and on down the drainage by hunters and recreation users following the completion of the drilling operation. The decrease in traffic will help protect the spring and riparian area from additional erosion and soil disturbance.

The most feasible location for the road is in the dry wash channel of the center fork of Asphalt Wash. This wash channel is in a known flood plain as designated by H.U.D. The Book Cliffs RMP has identified the project area as having critical to severe soil erosion conditions and recommends that efforts be made to minimize watershed damage during wet and muddy periods.

2. McKenzie will construct two erosion control dams to control sediment from the drill site and part of the access road.

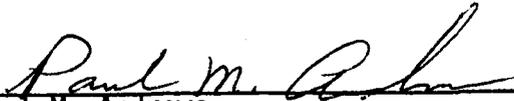
Rationale:

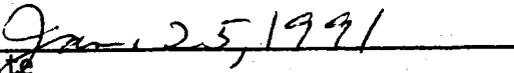
One of the dams is to keep runoff off the proposed pad. Both of the dams will help protect the spring and riparian area from additional erosion and soil disturbance.

The recommendation in the EA that drilling activities be avoided from November 1 to April 15 was not included as a stipulation. The RMP does not identify the area adjacent to the drill site as crucial deer or elk winter range.

Finding of No Significant Impacts:

No significant adverse impacts were identified in the EA for the McKenzie well. Public interest is minimal and no irretrievable loss of resources will occur. Therefore, preparation of an Environmental Impact Statement is not necessary.


Paul M. Andrews
Area Manager
Book Cliffs Resource Area


Date

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company McKenzie Petroleum Company Well No. 21-1

Location SWSE, Section 21, T11S., R24E. Lease No. U-54224

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

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

A. DRILLING PROGRAM

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

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. 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.

The Vernal District Office shall be notified at least 24 hours prior to initiating the pressure tests in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

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

Usable water may be encountered from the surface to + 2,400 ft. in the Green River Formation and from + 2,400 - 3,865 ft. in the Wasatch Formation. The Mahogany oil shale may be encountered from + 455 - 655 ft. Therefore, as a minimum, the resources shall be isolated and/or protected via the cementing program for the production casing by having a cement top for the production casing at least 200 ft. above the base of the usable water zone indentified at + 3,865 ft. Also the oil shall will need to be isolated and/or protected.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

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.

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

A sonic log shall be run from the base of the surface casing to TD.

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. 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 A0. If operations are to be suspended, prior approval of the A0 will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the A0, 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 A0 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.

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 A0 will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or

approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 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 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

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

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

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 the Onshore Oil and Gas Order No. 4 for liquid hydrocarbons and Onshore Oil and 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-hour approvals are necessary, please contact one of the following individuals:

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

Ed Forsman (801) 789-7077
Petroleum Engineer

BLM FAX Machine: (801) 789-3634

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

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

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

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation, and miscellaneous solids.

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator McKenzie Petroleum Company
Well Name & Number 21-1 End of the Rainbow Unit
Lease Number U-54224
Location SWSE Sec. 21 T. 11S. R. 24E.
Surface Ownership Public Lands Administered by the BLM

NOTIFICATION REQUIREMENTS

- Location Construction - at least forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - at least twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

B. THIRTEEN POINT SURFACE USE PROGRAM:

Multipoint Requirements to Accompany APD

1. Planned Access Roads--describe the following and provide a map of suitable scale indicating all necessary access roads (permanent and temporary) to be constructed or reconstructed, showing:
 - a. Drainage design - Where the road uses the dry wash Center Fork of Asphalt Wash it will be widened to an adequate width to accommodate rig traffic and well service personnel. An 18 foot running surface is probably adequate. Sharp corners will be modified to make this a safer road. On the part of the road outside the wash adequate drainage dips are to be included in the road design. The road will be crowned and borrow ditches will be placed appropriately in conjunction with drainage dips to assure good road design. Two low water crossings are needed where culverts are shown on the map B of the APD. Culverts are not required there. Two erosion control dams are planned as part of the project. One of these dams will divert water around the proposed pad with its overflow and deep runoff off the pad. The second dam will be placed to prevent increased sedimentation caused by the road construction from reaching the flowing spring in the center fork of Asphalt Wash. This second dam will be built when snow has melted in the area of its proposed construction. This will allow for better compaction of the soils involved in the construction.
 - b. Surfacing Material Source - The new access roads can be surfaced adequately with materials encountered within its 30 foot right of way.
 - c. Necessary gates - McKenzie Petroleum Company will install a gate and sign near the beginning of the new access road in the SE 1/4 SE 1/4 of Section 28, T11S., R24E. The gate is to have a lock and will be kept locked. Keys will be available to the company and to the BLM. The sign will read "Access is restricted to authorized well service and BLM personnel. Unauthorized vehicles are prohibited."
 - c. Rationale - The proposed action will meet the objectives of the Book Cliffs RMP. The locked gate will prevent additional traffic on the road and on down the drainage by hunters and recreation users following the completion of the drilling operation. The decrease in traffic will help protect the spring and riparian area from additional erosion and soil disturbance.

The most feasible location for the road is in the dry wash channel of the center fork of Asphalt Wash. This wash channel is in a known flood plain as designated by H.U.D. The Book Cliffs RMP has identified the project area as having critical to severe soil erosion conditions and recommends that efforts be made to minimize watershed damage during wet and muddy periods.

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 constructed/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 diverting 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.

The operator/lessee or his/her successor shall be responsible for all maintenance on cattleguards or gates associated with this oil and/or gas operation.

2. Location of Existing or Proposed Facilities

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire content of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

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 Rocky 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.

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.

3. Methods for Handling Waste Disposal On BLM Administered Lands:

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

The reserve pit shall be lined with bentonite as agreed at the onsite or with a suitable plastic liner if the operator prefers a plastic liner.

"If a plastic nylon reinforced liner is used, it will be a minimum of 10 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."

After first production, produced waste water will be confined to a lined pit or storage tank for a period not to exceed ninety (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.

4. Well Site Layout--Rig orientation, parking areas, and access roads, etc.

The reserve pit will be located on the east side of the pad and a flare pit will be constructed near the southeast corner of the pad as indicated in the layout design.

The stockpiled topsoil (first six inches) will be stored as indicated in the layout diagram.

Access to the well pad will be as indicated in the layout diagram.

Diversion ditch(es) shall be constructed on the east side of the location above the cut slope, draining as indicated in the layout diagram.

Soil compacted earthen berm(s) shall be placed near the northeast corner of the location to form an erosion control dam and divert water away from the north side of the location.

The drainage(s) shall be diverted around the south and north sides of the well pad location.

The northwest corner of the well pad will be rounded off to avoid placing excessive quantities of fill material in the existing drainage.

Fencing Requirements

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

- a. 30-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.

5. Plans for Restoration of Surface

a. Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, 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 one year 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.

Contact appropriate surface management agency for required seed mixture.

b. Dry Hole/Abandoned Location

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

6. Surface Ownership:

Access Road: Federal
Location: Federal

"If the access road and/or location involves private or state agency owned surface, a copy of the surface owners agreement is required prior to approval of the APD."

7. 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 relocate 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.)

Additional Surface Stipulations

A silt catchment dam and basin will be constructed according to BLM specifications as discussed at our onsite meeting July 5, 1990, prior to construction of this dam the damsite will be cleared of snow cover and allowed to dry completely and BLM will be notified so that a BLM representative can be present at the time of its construction.

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 subcontractors. A copy of these conditions will be furnished 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.

DIVISION OF OIL, GAS AND MINING

SPOUDDING INFORMATION

API NO. 43-047-31897 *del*

NAME OF COMPANY: McKENZIE PETROLEUM

WELL NAME: END OF THE RAINBOW 21-1

SECTION SWSE 21 TOWNSHIP 11S RANGE 24E COUNTY JUNTAH

DRILLING CONTRACTOR EXETER

RIG # 7

SPOUDED: DATE 2-22-91

TIME _____

HOW DRY HOLE

DRILLING WILL COMMENCE 2-22-91

REPORTED BY CAK

TELEPHONE # 789-1388

DATE 2-25-91

SIGNED TAS TAKEN BY: JLT

PRINTED IN U.S.A.

**CALIBRATED
HARTS**
BATAVIA, N.Y.

*Lockstone Resources
INC*

METER NUMBER
TIME PUT ON
DATE PUT ON
19

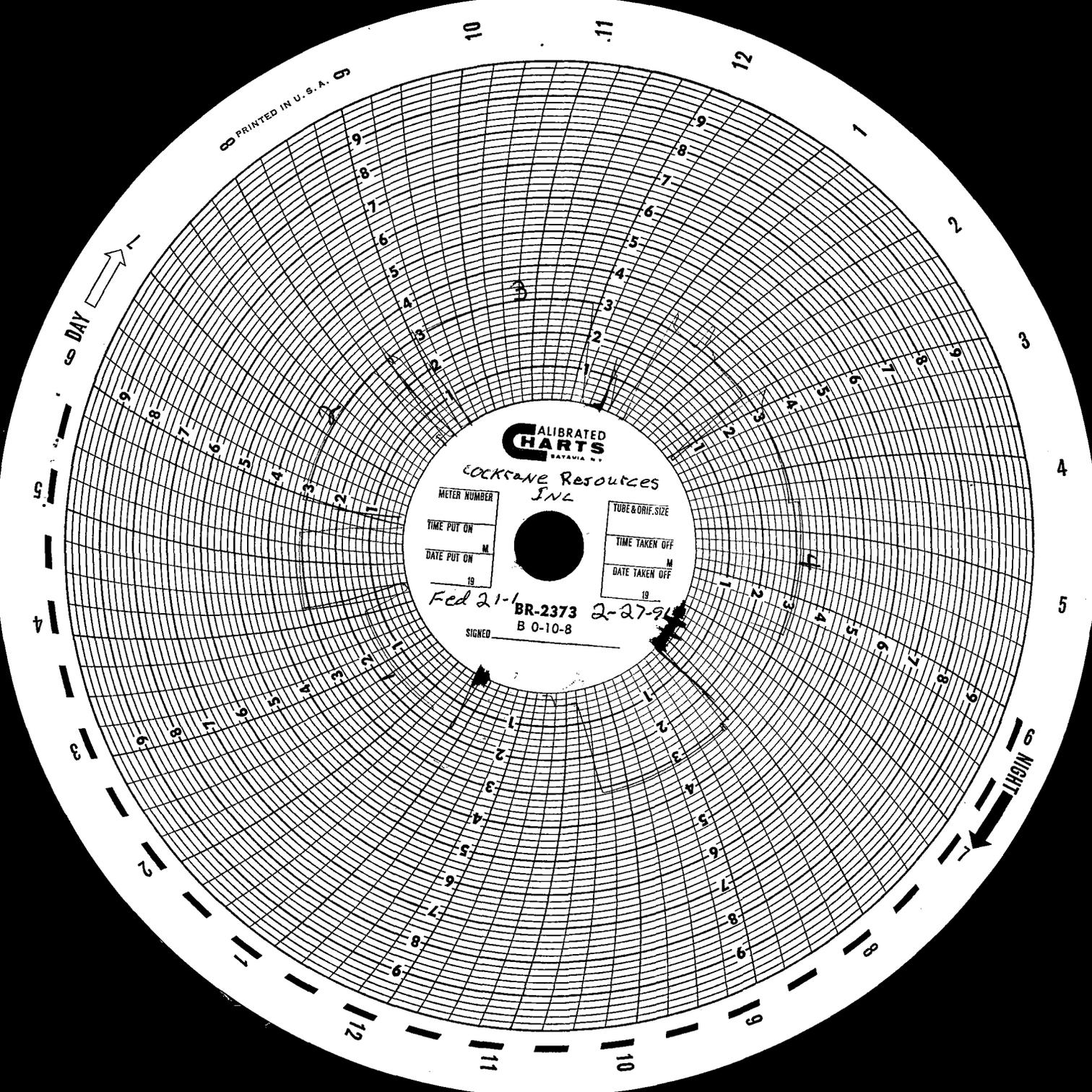
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Fed 21-1 BR-2373 *2-27-94*
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PRINTED IN U.S.A.

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COCKRANE Resources
INC.

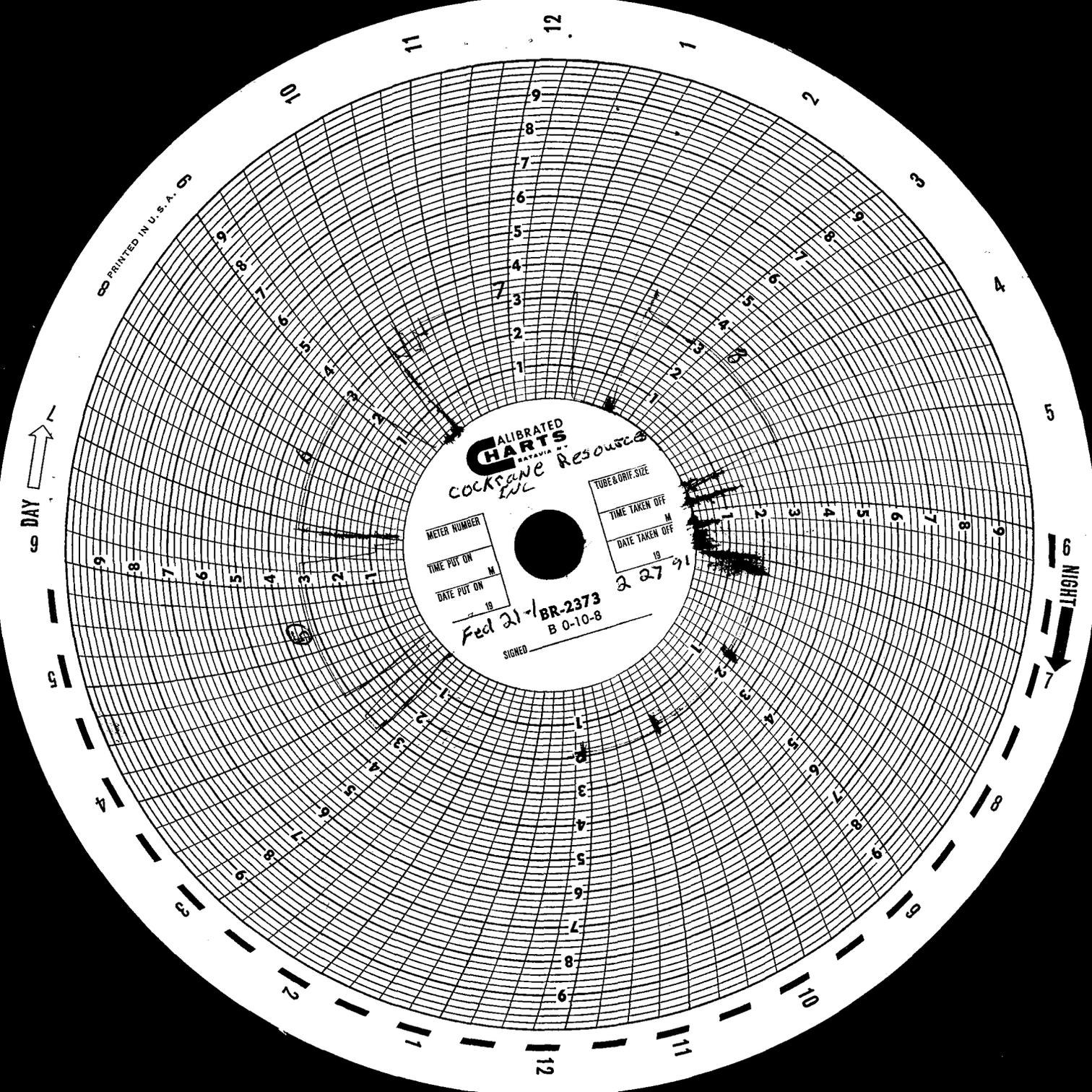
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**CALIBRATED
CHARTS**
SATVIA

*Cocksey & Resource
INC*

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DATE PUT ON M 19

TUBE & ORIF. SIZE
TIME TAKEN OFF
DATE TAKEN OFF M 19

Federal BR-2373 2-27-91
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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other Instructions on reverse side)

Budget Bureau No. 1004-0109
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

BLM U-54244

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Cochrane Resources Inc. / McKenzie Petroleum Inc.

3. ADDRESS OF OPERATOR
P.O. Box 1656 Roosevelt, Utah 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

366' FSL 2382' FEL SW SE

7. UNIT AGREEMENT NAME
end of the Rainbow

8. FARM OR LEASE NAME

9. WELL NO.
21-1

10. FIELD AND POOL, OR WILDCAT

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

Sec 21, T11S, R24E

14. PERMIT NO.
43-047-31897 *del*

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5668' G.R.

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

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.)*

Please be advised that the subject well was spudded at noon, February 22, 1991. A 12/14" hole was drilled to 300', and 297' of 8 5/8" 24# csg was run and cemented on 2/24/91. Had good returns during cement job, cemented to surface.

*910305 Permitted as McKenzie Petro. Inc.
Cochrane Resources took over operations for
Drt. to Compl. of well, will then go back to
McKenzie Petro. Documentation will follow.
Lee

RECEIVED
FEB 26 1991

DIVISION OF
OIL, GAS & MINING

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

SIGNED *Smaller* TITLE Agent DATE February 25, 1991

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



McKenzie Petroleum Company

February 27, 1991

Ms. Tami Searing
Division of Oil, Gas, & Mining
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

RE: End of the Rainbow Unit
Well 21-1, SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec 21,
T11S-R24E Uintah County,
UT - File UT2 001

Dear Ms. Searing:

I have enclosed a Sundry Notice to change the operator of the captioned well from McKenzie Petroleum Company to Cochrane Resources, Inc. McKenzie is not relinquishing its operatorship of the End of the Rainbow Unit.

Sincerely,

MCKENZIE PETROLEUM COMPANY

Howard W. Dennis
Manager of Exploration

HWD:me
encl

RECEIVED
MAR 01 1991

DIVISION OF
OIL, GAS & MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
MAR 01 1991

DIVISION OF
OIL, GAS & MINING

1. LEASE DESIGNATION & SERIAL NO.
BLM U-54224

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 "APPLICATION FOR PERMIT—" for such proposals.)

5. IF INDIAN, ALLOTTEE OIL TRIBE NAME
N/A

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME

End Of The Rainbow

2. NAME OF OPERATOR

McKenzie Petroleum Company Cochrane Resources, Inc

8. FARM OR LEASE NAME

N/A

3. ADDRESS OF OPERATOR

P. O. Box 1656, Roosevelt, UT 84066

9. WELL NO.

1625 Broadway, Suite 2580, Denver, Co, 80202

21-1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)

At surface 366' FSL, 2382' FEL SWSE Sec. 21-T11S-R24E

10. FIELD AND POOL, OR WILDCAT

Wildcat

At proposed prod. zone Same

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

Sec. 21-T11S-R24E

14. API NO.

43-047-31897

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

5668' GR

12. COUNTY

Uintah

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON

REPAIR WELL

CHANGE PLANS

(Other)

Change Location

APPROX. DATE WORK WILL START ASAP

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

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

DATE OF COMPLETION

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.)

* Must be accompanied by a cement verification report.

Former location for the above well was 1941' FWL and 1145' FSL, API # 43-047-31863. This location was moved in concurrence with BLM and M&K and staked on 5-14-90.

For the purpose of drilling the initial well on the End of the Rainbow Unit McKenzie Petroleum Company designates Cochrane Resources, Inc., as operator of the End of the Rainbow Unit Well 21-1. By this designation McKenzie does not relinquish the operatorship of this unit.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 3-11-91
BY: [Signature]

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

SIGNED

[Signature]

TITLE

Manager, Exploration

DATE

2/27/91

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangert
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

April 5, 1991

Ms. Brenda Mabry
McKenzie Petroleum Company
7880 San Felipe Rd, #100
Houston, Texas 77063

Dear Ms. Mabry:

Re: Request for Completed Entity Action Form *del*
End of The Rainbow 21-1 - SWSE Sec. 21, T. 11S, R. 24E - Uintah County, Utah

This is written to remind you that all well operators are responsible for sending an Entity Action Form to the Division of Oil, Gas and Mining within five working days of spudding a new well. This office was notified that your company spudded the End of The Rainbow 21-1, API Number 43-047-31897, on February 22, 1991. At this time, we have not received an Entity Action Form for this well.

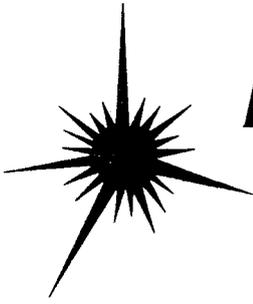
Please review the instructions on the back of the enclosed form. Make sure you choose the proper Action Code to show whether the well will be a single well with its own sales facilities (Code A), a well being added to an existing group of wells having the same tank battery and common division of royalty interest (Code B - show existing Entity Number to which well should be added), or a well being drilled in the participating area of a properly designated unit (Code B). Complete the form and return it to us by April 17, 1991.

Your attention to this matter is appreciated. If we can be of assistance to you, please feel free to call Lisha Romero at the above number.

Sincerely,

Don Staley
Administrative Supervisor

lcr
Enclosure
cc: R. J. Firth
File
WE66/15
an equal opportunity employer



McKenzie Methane Corporation

April 16, 1991

State of Utah
Dept. of Natural Resources
Div. of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
Attn: Don Staley

RE: End of The Rainbow 21-1
SWSE Sec21-T11S-R24E
Uintah Co., Utah
43-047-31897

Mr. Staley:

As per our Sundry notice dated 2/27/91, Cochrane Resources is the operator of the above-mentioned well. Their address is:

P.O. Box 1656
Roosevelt, Utah 84066

Sincerely,


R.J. Sagle
Operations Manager

RECEIVED

APR 18 1991

DIVISION OF
OIL GAS & MINING

OPERATOR MCKENZIE PETROLEUM COMPANY
ADDRESS C/O COCHRANE RESOURCES, INC.
P. O. BOX 1656
ROOSEVELT, UT 84066 (801)722-5081

OPERATOR ACCT. NO. N 0090

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	11223	43-047-31897	END OF THE RAINBOW 21-1		21	11S	24E	UINTAH	2-22-91	
WELL 1 COMMENTS: *ENTITY ADDED 4-23-91 <i>per</i>											
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)

L. ROMERO (DOGM)
Signature
ADMINISTRATIVE ANALYST 4-23-91
Title Date

Phone No. ()

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

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:	
1- LCR	<i>[initials]</i>
2- DTS	<i>[initials]</i>
3- VLC	<i>[initials]</i>
4- RJF	<i>[initials]</i>
5- RWM	<i>[initials]</i>
6- LGB	<i>[initials]</i>

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 2-27-91)

TO (new operator)	<u>MCKENZIE PETROLEUM COMPANY</u>	FROM (former operator)	<u>MCKENZIE PETROLEUM COMPANY</u>
(address)	<u>C/O COCHRANE RESOURCES, INC.</u>	(address)	<u>7880 SAN FELIPE RD., #100</u>
	<u>P. O. BOX 1656</u>		<u>HOUSTON, TX 77063</u>
	<u>ROOSEVELT, UT 84066</u>		
	<u>phone (801) 722-5081</u>		<u>phone (713) 783-4300</u>
	<u>account no. N 0090 (A)</u>		<u>account no. N 0090</u>

Well(s) (attach additional page if needed):

Name: <u>END OF THE RAINBOW 21-1</u>	API: <u>4304731897</u>	Entity: <u>99999</u>	Sec <u>21</u> Twp <u>11S</u> Rng <u>24E</u>	Lease Type: <u>U-54224</u>
Name: _____	API: _____	Entity: <u>(11223)</u>	Sec ___ Twp ___ Rng ___	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec ___ Twp ___ Rng ___	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec ___ Twp ___ Rng ___	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec ___ Twp ___ Rng ___	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec ___ Twp ___ Rng ___	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec ___ Twp ___ Rng ___	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec. 3-1-91)*
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Designation of Agent)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(4-23-91)*
- See 6. Cardex file has been updated for each well listed above.
- See 7. Well file labels have been updated for each well listed above.
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) yes (If entity assignments were changed, attach copies of Form 6, Entity Action Form). *(New entity number assigned) # 11223*
- 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- 2. A copy of this form has been placed in the new and former operators' bond files.
- 3. The former operator has requested a release of liability from their bond (yes/no) _____. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. *OTS 4-23-91*
- 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- 1. All attachments to this form have been microfilmed. Date: April 28 1991.

FILING

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

910423 *Btm 15.1. McKenzie Petroleum Company is still the recognized operator of this well, and operator of the "End of the Rainbow Unit". Cochran Resources has been designated "Agent" for drilling to completion of this well.*

RECEIVED

MAY 21 1991

DIVISION OF
OIL GAS & MINING

Cochrane Resources Inc.

Fed 21-1

Section 21

Township 11 S

Range 24E

County Uintah, Utah

Contractor Exeter #7

2-27-91

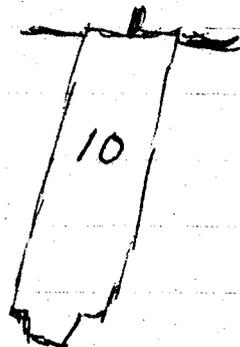
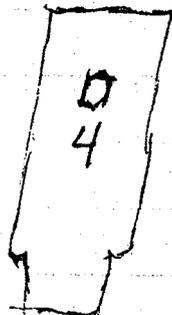
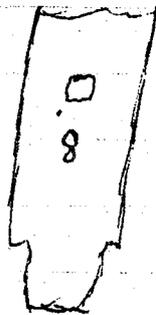
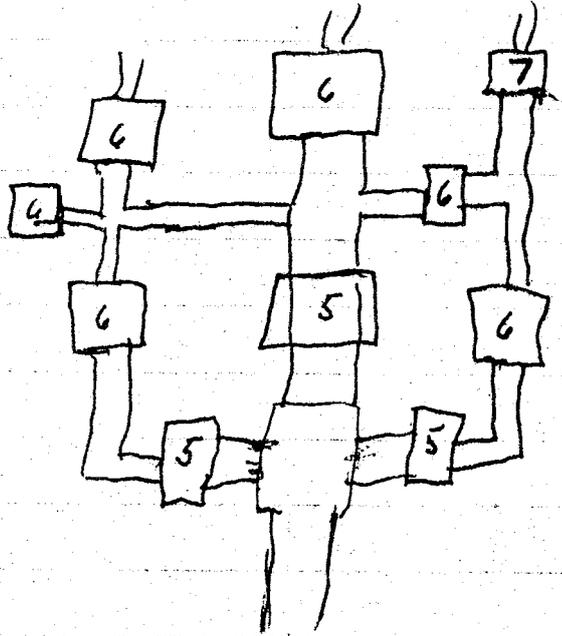
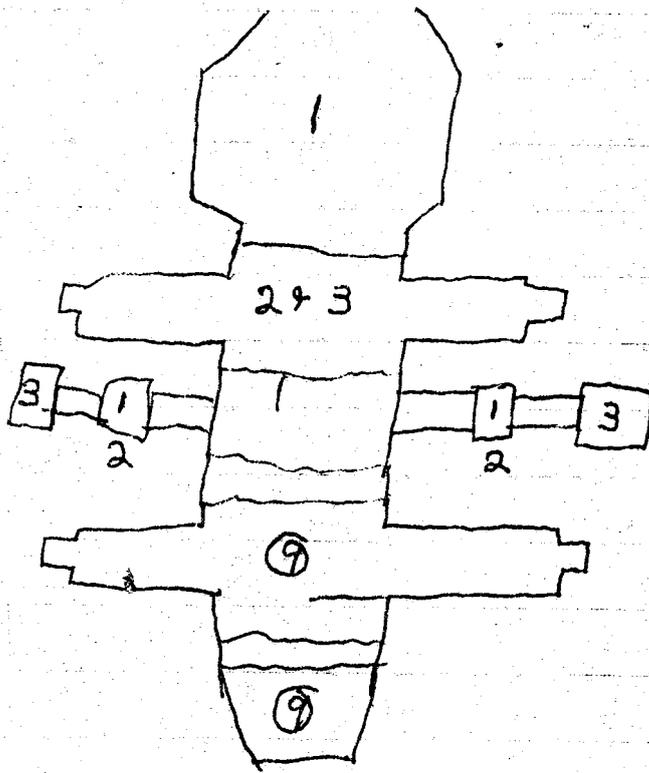
Tested by Darren Merrick

43-047-31897

QUICK TEST INC.
OFFICE (801) 789-8159

Cochrane Resources Inc.
Fed 21-1
2-27-91

TEST #	ITEM TESTED	PRESSURE	MIN. HELD	RESULTS
1	Hydril, 1st choke, 1st kill	1500	10	No visible leaks
2	Pipe Rams, 1st choke, 1st kill	3000	10	No visible leaks
3	Pipe rams, 2nd choke, 2nd kill	3000	10	No visible leaks
4	Floor valve	3000	10	No visible leaks
5	1st set choke manifold valves	3000	10	No visible leaks
6	2nd set choke manifold valves	3000	10	No visible leaks
7	3rd sert choke manifold valves	3000	10	No visible leaks
8	Upper kelly cock	3000	10	No visible leaks
9	Blind Rams, CSG	2000	30	No visible leaks
10	TIW valve	3000	10	No visible leaks



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other
instructions
reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

2. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. FLNR Other _____

3. NAME OF OPERATOR
Cochrane Resources, Inc. **MCKENZIE PETROLEUM CO.**

4. ADDRESS OF OPERATOR
P.O. Box 1656 Roosevelt, Utah 84066 **AUG 27 1991**

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 366' FSL, 2382' FEL, SW SE **DIVISION OF OIL GAS & MINING**
At top prod. interval reported below
At total depth

6. LEASE DESIGNATION AND SERIAL NO
U-54224

7. UNIT AGREEMENT NAME
End of the Rainbow

8. FARM OR LEASE NAME
Federal

9. WELL NO.
21-1

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec 21, T11S R24E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. PERMIT NO. 43-047-31897 | DATE ISSUED

15. DATE SPUNDED Feb 22, 91 | 16. DATE T.D. REACHED Mar 4, 91 | 17. DATE COMPL. (Ready to prod.) 6/8/91 | 18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 5668' G.R. | 19. ELEV. CASINGHEAD 5668'

20. TOTAL DEPTH, MD & TVD 4420' | 21. PLUG. BACK T.D., MD & TVD 4372' | 22. IF MULTIPLE COMPL., HOW MANY? 5 | 23. INTERVALS DRILLED BY ROTARY TOOLS 4420' | CABLE TOOLS

24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* | 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS R/N FDC - CNL | 27. WAS WELL COBED No

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	297	12 1/4"	to surface	none
4 1/2"	13.8	4420	7 7/8"	to surface	none

29. LINER RECORD | 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3240	

31. PERFORATION RECORD (Interval, size and number)
3276' - 3280'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) 3276'-3280' | AMOUNT AND KIND OF MATERIAL USED no stimulation

33. PRODUCTION

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6/6/91	24	2"	→		50	6	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
10		→		50	6	

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

35. LIST OF ATTACHMENTS

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

SIGNED Ken Allen TITLE President DATE August 26, 1991

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	TOP
				MEAS. DEPTH	TRUE VERT. DEPTH
Wasatch	3786'	3796'	Perforated 1 shot per ft. Swabbed 1.5 bbbls per hr water. Gas cut water. No gas between runs.	Mesaverde	4256'
Wasatch	3580'	3584'	Perforated 1 shot per ft. Swabbed 3 bbbls per hr water. Well flowing 30 MCF/day.	Wasatch	2352'
Wasatch	3492'	3502'	Perforated 1 shot per ft. Swabbed 2 1/2 bbbls per hr water. Flowed gas TSTM.		
Wasatch	3276'	3280'	Perforated 1 shot per ft. Swabbed 1/4 bbl per hr water. Well flowing 50 MCF/day.		
Green River	2046'	2052'	Perforated 1 shot per ft. Swabbed 20 bbbls per hr gas cut water with trace of oil.		

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____
(Location) Sec ___ Twp ___ Rng ___
(API No.) _____

Suspense
(Return Date) _____
(To - Initials) _____

Other
OPERATOR CHANGE
FILE _____

1. Date of Phone Call: 9-3-91 Time: 11:19

2. DOGM Employee (name) L. ROMERO (Initiated Call
Talked to:

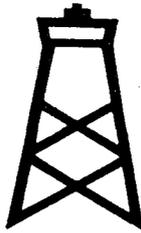
Name KEN ALLEN (Initiated Call - Phone No. (801) 722-5081
of (Company/Organization) COCHRANE RESOURCES, INC. (N0090(A))

3. Topic of Conversation: COMPLETION OF THE "END OF THE RAINBOW 21-1/43-047-31897.
(IS OPERATOR SUPPOSED TO CHANGE BACK TO MCKENZIE PETROLEUM COMPANY?)

4. Highlights of Conversation: MR. ALLEN WAS NOT QUITE SURE, SAYS THAT IT MAY BE
CHANGING TO SAMEDAN! I INFORMED HIM THAT I WOULD CONTACT MCKENZIE TO GET THE
NECESSARY DOCUMENTATION.

*910903 MCKENZIE/HOWARD DENNIS (303)629-6699

MR. DENNIS SAID THAT OPERATOR IS STILL COCHRANE RESOURCES. HE WILL MAKE SURE
AND SEND A CHANGE OF OPERATOR BACK TO MCKENZIE UPON FINAL HOOK UP.



McKenzie Production Company

April 20, 1992

Cochrane Resources
P O Box 1656
Roosevelt, Utah 84066

Attn: Ken Allen

RE: End of Rainbow Unit
Federal 21-1 Well 43-047-31897
Uintah Co., Utah Sec 21, T. 11S, R. 24E

RECEIVED

APR 27 1992

DIVISION OF
OIL GAS & MINING

Dear Mr. Allen:

McKenzie Production is the Designated Unit Operator of the End of Rainbow Unit on which your Federal 21-1 Well is located. Your well being located within this unit designates you a sub-operator of the lease/well. As a sub-operator you are responsible for reporting the State of Utah. McKenzie however is responsible for submitting the 3160's to the MMS (Minerals Management Service).

We received an invoice from the MMS for late filing of this lease/well for the period 2/91 thru 9/91 in the amount of \$72.00. It is your obligation as sub-operator and as lease/well operator to provide us with the information required for reporting on the Model 3160. Cochrane did not provide us with the required information in order for us to report to the MMS for this time period. Your non-compliance caused us to be assessed with the non-compliance fees for this time period. We therefore, are invoicing you for this amount.

In order to avoid any future assessments, you as lease/well operator are responsible for reporting to the State of Utah. A copy of these State of Utah Reports (the Monthly Oil & Gas Production Report and the Monthly Oil & Gas Disposition Report) you submit is to be forwarded to this office as soon as complete. To facilitate the MMS McKenzie will fax to you the Model 3160 upon receipt from MMS, Cochrane is to complete and fax back to us for submitting said 3160 to the MMS. This report should be faxed to the attention of Clois Crawford at 713/972-3300.

Cochrane Resources
April 20, 1992
Page 2

Your cooperation with this matter is appreciated. Should you have any questions do not hesitate to contact the undersigned.

Sincerely,



Brenda Mabry
Drilling and Production Department

:BJM

Encl.

cc: Minerals Management Service
Minerals Management Service, Compliance Dept., Sylvia Sharpe
State of Utah
Revenue
Accounts Payable
J. Clyde Haines, General Counsel
Howard Dennis, Denver Office
Clois Crawford, Production Clerk

CORRESP\21-1COMPLIANCE

I N V O I C E

Invoice - 757830
Account - 276429
Date - 4/21/92

Remit to - MCKENZIE COMPANIES A/P
7880 SAN FELIPE, STE 100
HOUSTON

TX 77063

COCHRANE RESOURCES
P.O. BOX 1650
ROOSEVELT

UT 84066

Please be advised that your account has been debited or back charged as follows

. Document					Invoice
Date	Ty	Reference	Due Date	Remark	Amount
04/21/92	RI	757830 000	05/21/92	Late filing fees (2/91-9/91)	72.00
Balance Due					72.00

U S DEPARTMENT OF THE INTERIOR
MINERALS MANAGEMENT SERVICE
ROYALTY MANAGEMENT PROGRAM

DATE: 04/08/92
PAGE: 1

BILL FOR COLLECTION

INVOICE NUMBER: BILL 64923916

FEDERAL/INDIAN INDICATOR: F

BILL TO:

K0349 MCKENZIE PRODUCTION
7880 SAN FELIPE
SUITE 100
HOUSTON TX 77063

REMIT TO:

MINERALS MANAGEMENT SERVICE
ROYALTY MANAGEMENT PROGRAM
P. O. BOX 5810 T.A.
DENVER CO 80217

LINE	REF	DOC	ID	RCPT	DATE	PAYOR	ASSGN	LINE	AID/PROD/SELL-ARR
PYMT	DATE	SALES	EST	DAYS	RATE	CALC	ASSESSMENT	AMOUNT	AMOUNT DUE

PAAS LATE RP

000001		00000000	00/00/00					000000			
00/00/00		02/91		0	0.000000			0.00	1		72.00

REF DEMAND LETTER DATED 4/3/92 FROM ASSISTANT CHIEF,
REPORTER CONTACT BRANCH, PHILIP A. WILSON

DI1040
JUL '83

INVOICE TOTAL: \$ 72.00
DUE DATE: 05/13/92

Billing Detail

Operator Code: K0349
 McKenzie Production Company *Bill 64923916*

Assessment Code Name		Description			Report Period		Subtotal	Total Amount	
		Document Type	Lease/Agreement FMP # Or Mine #	API Well #	Month/Year	Line Count	Months Assessed	(Line Count x Months Assessed)	(Subtotal x \$3)
PP	LATE	3160	UTU54224		09/91	3	1	3	9
PP	LATE	3160	UTU54224		08/91	3	1	3	9
PP	LATE	3160	UTU54224		07/91	3	1	3	9
PP	LATE	3160	UTU54224		06/91	3	1	3	9
PP	LATE	3160	UTU54224		05/91	3	1	3	9
PP	LATE	3160	UTU54224		04/91	3	1	3	9
PP	LATE	3160	UTU54224		03/91	3	1	3	9
PP	LATE	3160	UTU54224		02/91	3	1	3	9

Total: \$72

*#430473189700S1
 21-1 Federal
 Uintah, Ut*

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Budget Bureau No. 1000-01-0000
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
U-54224

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

RECEIVED

2. NAME OF OPERATOR
Cochrane Resources, Inc.

SEP 01 1995

3. ADDRESS OF OPERATOR
P.O. Box 1656 Roosevelt, Utah 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

SW, SE, Sec 21, T11S, R24E

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
21-1

10. FIELD AND POOL, OR WILDCAT
End of the Rainbow

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 21, T11S, R24E

14. PERMIT NO.
43-047-31897

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5668'

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)
PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)
REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

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.)*

Cochrane Resources, Inc. is considered to be the operator of well No. 21-1, SW, SE, Sec 21, T11S, R24E., Lease # U-54224, Uintah County; and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by First Interstate Bank in the form of a Book Entry Deposit to the Department of the Interior.

RECEIVED
OCT 2 1995
DIV OF OIL GAS & MINING

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

SIGNED [Signature]

TITLE President

DATE August 31, 1995

(This space for Federal or State office use)

APPROVED BY [Signature]
CONDITIONS OF APPROVAL, IF ANY:

TITLE ASSISTANT DISTRICT
MANAGER U-54224

DATE SEP 27 1995

*See Instructions on Reverse Side

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEC 7-PL	✓
2-LWP 8-SJ	✓
3-DPS/D-FILE	✓
4-VLC	✓
5-RJF	✓
6-LWP	✓

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

***END OF THE RAINBOW UNIT TERM. DATE**

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-4-92)

TO (new operator) COCHRANE RESOURCES INC
 (address) PO BOX 1656
ROOSEVELT UT 84066
KEN ALLEN
 phone (801) 722-5081
 account no. N 7015

FROM (former operator) MCKENZIE PETROLEUM CO
 (address) C/O COCHRANE RESOURCES
PO BOX 1656
ROOSEVELT UT 84066
 phone (801) 722-5081
 account no. N 0090(A)

Well(s) (attach additional page if needed):

Name: <u>END OF THE RAINBOW 21-1</u>	API: <u>43-047-31897</u>	Entity: <u>11223</u>	Sec <u>21</u> Twp <u>11S</u> Rng <u>24E</u>	Lease Type: <u>U54224</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- * 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Reg. 9-1-95) (Reg. 10-4-95)*
- Lee 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 9-1-95)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- Lee 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Lee 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(10-2-95)*
- Sup 6. Cardex file has been updated for each well listed above. *11-16-95*
- Sup 7. Well file labels have been updated for each well listed above. *11-16-95*
- Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(10-2-95)*
- Lee 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/*no*) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) ____ Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- OTS*
4/16/95
N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

1. All attachments to this form have been microfilmed. Date: November 27 1995.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

McKenzie desig. "Cochrane Res. Agent" 21-1 on 2-27-91 (End of the Rainbow Unit)
End of the Rainbow Unit - Terminated 4-4-92
Operators did not request a change of operator at that time.
951002 B/Lm/Vernal Aprv. 9-27-95.
951031 D/Gm/Unable to get doc. from McKenzie. (Reggy Harrison 713-622-5330 ext. 23)

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-53224 RECEIVE

6. If Indian, Allottee or Tribe Name

7. If Unit or Co. Agreement Duration
JAN - 8 1986

DIV OF OIL, GAS & MINING

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Gerrity Oil & Gas Corporation

3. Address and Telephone No.
4100 E. Mississippi Ave., #1200, Denver CO 80222, 303/757-1110

4. Location of Well (Range, Sec., T., R., m., or Survey Description)
366' FSL & 2382' FEL Sec. 21-T11S-R24E

8. Well Name and No.
End of the Rainbow #21-01

9. API Well No.
43-047-31897

10. Field and Pool, or Exploratory Area
Wildcat

11. County or Parish, State
Uintah Co., Utah

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

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

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directional, specify direction, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please be advised that Gerrity Oil & Gas Corporation is considered to be the operator of the End of the Rainbow #21-1, SWSE Section 21, Township 11 South, Range 24 East, Uintah County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by the United States Fire Insurance Company.

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

Signed: *Ken Allen* Title: Cochrane Resources, Inc. President Date: 12/20/95

Signed: *Tracy L. Henry* Title: Gerrity Oil & Gas Corporation Vice President Date: 12/20/95

14. Use 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.

***See Instructions on Reverse Side**

TOTAL

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry 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

Gerrity Oil & Gas Corporation

3. Address and Telephone No.

4100 E. Mississippi Ave., #1200, Denver CO 80222, 303/757-1110

4. Location of Well (Range, Sec., T., R., m., or Survey Description)

366' FSL & 2382' FEL Sec. 21-T11S-R24E

5. Lease Designation and Serial No.

U-54224

6. Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

End of the Rainbow #21-01

9. API Well No.

43-047-31897

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Uintah Co., Utah

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

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

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directional, specify depth, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please be advised that Gerrity Oil & Gas Corporation is considered to be the operator of the End of the Rainbow #21-1, SWSE Section 21, Township 11 South, Range 24 East, Uintah County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by the United States Fire Insurance Company.

VERNAL DIST.
MFG. 6/8 7/25/96
GEOL. _____
E.S. _____
PET. _____
A.M. _____

RECEIVED
JAN 08 1996

13. I hereby certify that the foregoing is true and correct
Signed: _____

Cochrane Resources, Inc.
Title: President

Date: 12/20/95

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

Gerrity Oil & Gas Corporation
Title: Vice President

Date: 12/20/95

15. I am agent for Federal or State authority and

Approved by: _____

ASSISTANT DISTRICT
MANAGER (MINING)

DATE: JAN. 25 1996

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 reports, or to cause to be made to any such department or agency any such statements or reports.

*See Instructions on Reverse Side



IN REPLY REFER TO:

United States Department of the Interior

FEB - 5 1996

BUREAU OF LAND MANAGEMENT

Vernal District Office
170 South 500 East
Vernal, Utah 84078-2799

Phone: (801) 781-4400
Fax: (801) 781-4410

3162.3
UT08438

January 25, 1996

Gerrity Oil & Gas Corporation
Attn: Terry L. Ruby
4100 E Mississippi Ave, #1200
Denver, CO 80222

Re: Federal 26-3
NENW, Sec. 26, T9S, R16E
Lease U-67844
Uintah County, Utah

Dear Mr. Ruby:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Gerrity Oil & Gas Corporation is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT1014, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (801) 789-1362.

Sincerely,

Howard B. Cleavinger II
Assistant District Manager for
Minerals Resources

cc: Snyder Oil Corp.

~~Division of Oil, Gas & Mining~~



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office
170 South 500 East
Vernal, Utah 84078-2799

Phone: (801) 781-4400
Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3
UT08438

January 25, 1996

Gerrity Oil & Gas Corporation
Attn: Terry L. Ruby
4100 E Mississippi Ave, #1200
Denver, CO 80222

Re: End of the Rainbow 21-1
SWSE, Sec. 21, T11S, R24E
Lease U-54224
Uintah County, Utah

Dear Mr. Ruby:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Gerrity Oil & Gas Corporation is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT1014, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (801) 789-1362.

Sincerely,

Howard B. Cleavinger
Assistant District Manager for
Minerals Resources

cc: Cochrane Resources Inc.
North American Oil Co.
Anchor Resources Inc.
Division Oil, Gas & Mining

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing
1-LEC 7-FILM
2-DIG 8-FILE
3-VLD
4-RJE
5-LEC
6-SJ

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-25-96)

TO (new operator) GERRITY OIL & GAS CORP
 (address) 4100 E MISSISSIPPI #1200
DENVER CO 80222
TERRY RUBY
 phone (303) 757-1110
 account no. N 6355

FROM (former operator) COCHRANE RESOURCES INC
 (address) PO BOX 1656
ROOSEVELT UT 84066
 phone (801) 722-5081
 account no. N 7015

***END OF THE RAINBOW UNIT**

Well(s) (attach additional page if needed):

Name: <u>END OF THE RAINBOW 21-1</u>	API: <u>43-047-31897</u>	Entity: <u>11223</u>	Sec <u>21</u> Twp <u>11S</u> Rng <u>24E</u>	Lease Type: <u>U54224</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Yec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 1-8-96)*
- Yec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 1-8-96)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____
- Yec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Yec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(2-6-96)*
- Yec 6. Cardex file has been updated for each well listed above. *(2-6-96)*
- Yec 7. Well file labels have been updated for each well listed above. *(2-6-96)*
- Yec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(2-6-96)*
- Yec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Sec* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A* / *Sec* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* / *Sec* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- Sec* 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

1. All attachments to this form have been microfilmed. Date: 19 .

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

960206 Blm/SL Aprv. 1-25-96

STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

JENNIFER CARTER
 GERRITY OIL & GAS CORP
 4100 E MISSISSIPPI #1200
 DENVER CO 80222

UTAH ACCOUNT NUMBER: N6355

REPORT PERIOD (MONTH/YEAR): 6 / 96

AMENDED REPORT (Highlight Changes)

Well Name API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ DEVILS PLAYGROUND 23-17 4304730568	06136	09S 24E 17	MVRD			431266		
✓ DEVILS PLAYGROUND 41-9 4304730339	06195	09S 24E 9	WSTC			45217	Dirty Dev: 1 Unit	
✓ RED WASH FED 1-18 4304730124	06200	09S 24E 18	WSTC			40145459	"	
✓ DIRTY DEVIL 22-27 4304731507	09585	09S 24E 27	WSTC			50717250	"	
✓ DIRTY DEVIL UNIT 11-29 4304731617	09586	09S 24E 29	MVRD			ML22161		
✓ COYOTE BASIN 28-1 4304730098	10095	08S 25E 28	GRRV			4016257		
✓ OCO STATE 32-2 4304730100	10096	08S 25E 32	DGCRK			ML11124		
✓ DIRTY DEVIL 31-15A 4304731726	10697	09S 24E 15	WSMVD			ML28042		
✓ DIRTY DEVIL FEDERAL 23-20 4304731009	10698	09S 24E 20	WSTC			431266		
✓ FEDERAL #13-1 4304731811	10796	08S 23E 13	UNTA			461396		
✓ END OF THE RAINBOW 21-1 4304731897	11223	11S 24E 21	WSTC			454224		
✓ ANTELOPE 1-29 4304732452	11609	10S 24E 29	WSTC			466421	Antelope Unit	
✓ ANTELOPE FEDERAL 20-2 4304732680	11609	10S 24E 20	WSTC			466420	Antelope Unit	
Federal 14-10 4304732680	11478	9S 24E 10	GRRV					
TOTALS						459149	WOW/Antelope Unit	

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge. Date: _____

Name and Signature: _____ Telephone Number: _____

LONE MOUNTAIN PRODUCTION COMPANY

Mailing Address:
P.O. Box 3394
Billings, MT 59103-3394

(406) 245-5077
FAX 248-6321

Shipping Address:
100 North 27th Street
Suite 650
Billings, MT 59101

July 25, 1996

Ron Firth
Utah Division of Oil, Gas, & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Re: CHANGE OF OPERATOR SUNDRY NOTICES
UINTAH COUNTY, UTAH

Dear Ron:

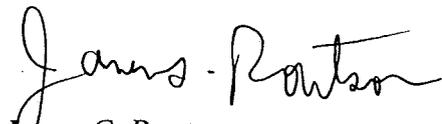
Enclosed in triplicate are Sundry Notices for two wells on State Lands for which Lone Mountain Production Company has assumed operations effective July 22, 1996. Also enclosed for your information are Sundry Notices for twelve wells on BLM lands we are also now operating.

Please contact Joe Dyk in our Grand Junction office in regard to field operations. Day to day operations of these wells will be handled by Dick White, who will be based in Rangely, Colorado. We will furnish you with his phone and cell phone numbers when he is moved to Rangely.

If any further information is needed please advise.

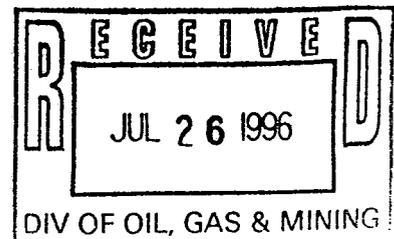
Sincerely,

Lone Mountain Production Company


James G. Routson
President

Enclosures

xc: Joe Dyk



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-54224

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.

End of the Rainbow #21-01

9. API Well No.

43-047-31897

2. Name of Operator

Lone Mountain Production Co.

10. Field and Pool, or Exploratory Area

Wildcat

3. Address and Telephone No.

P. O. Box 3394 Billings, MT 59103

11. County or Parish, State

Uintah Co., Utah

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

366' FSL & 2382' FEL Sec. 21-T11S-R24E

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 Operator**

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

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please be advised that Lone Mountain Production Co. is considered to be the operator of the End of the Rainbow #21-1, SWSE Section 21, Township 11 South, Range 24 East, Uintah County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands.

Bond coverage is provided by Lone Mountain Production Co.'s statewide oil & gas bond - UT0719. Field operations will be handled by Lone Mountain's Grand Junction, CO office.

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

Signed James B. Routson
James B. Routson

Lone Mountain Production Co.
Title President

Date 7/22/96

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

Signed Terry L. Ruby
Terry L. Ruby

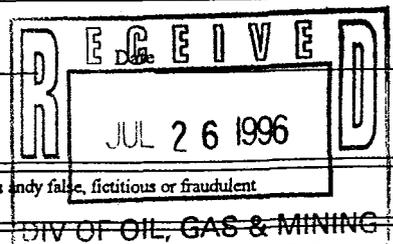
Gerrity Oil & Gas Corporation
Title Vice President

Date 7/22/96

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____



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.

*See Instructions on Reverse Side



United States Department of the Interior

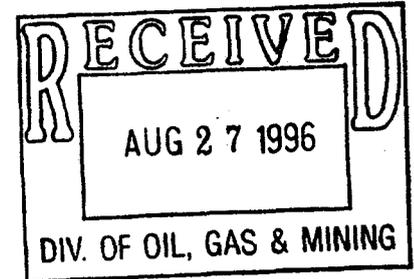
BUREAU OF LAND MANAGEMENT

Vernal District Office
170 South 500 East
Vernal, Utah 84078-2799

Phone: (801) 781-4400
Fax: (801) 781-4410

IN REPLY REFER TO:
3162.3
UT08300

August 22, 1996



Lone Mountain Production
Attn: James E. Routson
P O Box 3394
Billings, MT 59013

Re: Well No. End of the Rainbow 21-01
SWSE, Sec. 21, T11S, R24E
Lease U-54224
Uintah County, Utah

Dear Mr. Routson:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Lone Mountain Production is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0719, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (801) 789-1362.

Sincerely,


Howard B. Cleavinger II *ALW*
Assistant Field Manager,
Minerals Resources

cc: Gerrity Oil & Gas Corporation
Division of Oil, Gas & Mining

RECEIVED

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry 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

Lone Mountain Production Co.

3. Address and Telephone No.

P. O. Box 3394 Billings, MT 59103

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

366' FSL & 2382' FEL Sec. 21-T11S-R24E

5. Lease Designation and Serial No.

U-54224

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

End of the Rainbow #21-01

9. API Well No.

43-047-31897

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Uintah Co., 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 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 checked="" type="checkbox"/> Other Change of Operator
	<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.)*

Please be advised that Lone Mountain Production Co. is considered to be the operator of the End of the Rainbow #21-1, SWSE Section 21, Township 11 South, Range 24 East, Uintah County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands.

Bond coverage is provided by Lone Mountain Production Co.'s statewide oil & gas bond - UT0719. Field operations will be handled by Lone Mountain's Grand Junction, CO office.

RECEIVED
AUG 27 1996
DIV. OF OIL, GAS & MINING
Date 7/22/96

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

Signed James E. Routson
James E. Routson

Lone Mountain Production Co.
Title President

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

Signed Terry L. Ruby
Terry L. Ruby

Gerrity Oil & Gas Corporation
Title Vice President

Date 7/22/96

(This space for Federal or State office use)

Approved by [Signature]
Conditions of approval, if any:

ACTING Assistant Field Manager
Title Mineral Resources

Date AUG 22 1996

OPERATOR CHANGE WORKSHEET

Routing:

1-LEC ✓	6-LEC ✓
2-GLH ✓	7-KDR ✓
3-DPS ✓	8-SJ ✓
4-VLD ✓	9-FILE ✓
5-RJF ✓	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 7-22-96

TO: (new operator) LONE MTN PRODUCTION CO
 (address) PO BOX 3394
BILLINGS MT 59103-3394
JAMES ROUTSON
 Phone: (406) 245-5077
 Account no. N7210

FROM: (old operator) GERRITY OIL & GAS CORP.
 (address) 4100 E MISSISSIPPI #1200
DENVER CO 80222
TERRY RUBY
 Phone: (303) 757-1110
 Account no. N6355

WELL(S) attach additional page if needed:

Name: <u>DEVILS PLAYGROUND 23-17</u>	API: <u>43-047-30568</u>	Entity: <u>6136</u>	S <u>17</u>	T <u>9S</u>	R <u>24E</u>	Lease: <u>U31266</u>
Name: <u>COYOTE BASIN 28-1</u>	API: <u>43-047-30098</u>	Entity: <u>10095</u>	S <u>28</u>	T <u>8S</u>	R <u>25E</u>	Lease: <u>U016257</u>
Name: <u>DIRTY DEVIL FED 23-20</u>	API: <u>43-047-31009</u>	Entity: <u>10698</u>	S <u>20</u>	T <u>9S</u>	R <u>24E</u>	Lease: <u>U31266</u>
Name: <u>FEDERAL 13-1</u>	API: <u>43-047-31811</u>	Entity: <u>10796</u>	S <u>13</u>	T <u>8S</u>	R <u>23E</u>	Lease: <u>U61396</u>
Name: <u>END OF THE RAINBOW 21-1</u>	API: <u>43-047-31897</u>	Entity: <u>11223</u>	S <u>21</u>	T <u>11S</u>	R <u>24E</u>	Lease: <u>U54224</u>
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- LEC 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 7-26-96)*
- LEC 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 7-26-96)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) _____ If yes, show company file number: _____
- LEC 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- LEC 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(8-29-96)*
- LEC 6. Cardex file has been updated for each well listed above. *(8-29-96)*
- LEC 7. Well file labels have been updated for each well listed above. *(8-29-96)*
- LEC 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc.
- LEC 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents. *(8-29-96)*

ENTITY REVIEW

- Yes 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A
Yes 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- 2. A copy of this form has been placed in the new and former operator's bond files.
- 3. The FORMER operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A
OK
7/4/96 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.

FILMING

- VDP 1. All attachments to this form have been microfilmed. Today's date: 9/18/96.

FILING

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

960829 Blm/Vernal Aprv. 8-22-96.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 10X-0115
Expires: March 31, 1993

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

5. Lease Designation and Serial No
U-54224

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
End of the Rainbow #21-01

2. Name of Operator
Lone Mountain Production Company

9. API Well No.
43-047-31897

3. Address and Telephone No.
P. O. Box 3394, Billings, Montana 59103 (406) 245-5077

10. Field and Pool, or Exploratory Area
Wildcat

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
366' FSL 2382' FEL Sec. 21: T11S-R24E (SW $\frac{1}{4}$ SE $\frac{1}{4}$)

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 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
	<input checked="" type="checkbox"/> Dispose Water

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

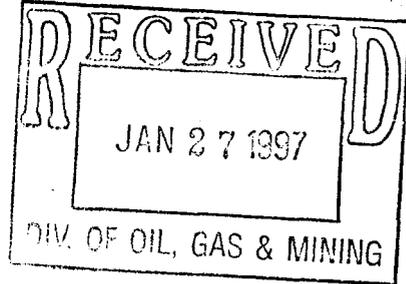
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Lone Mountain Production Company requests approval to haul water from the above referenced well to the Federal #14-10 saltwater disposal well located in SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 10-Township 9 South-Range 24 East, Uintah County, Utah.

Attached is a map showing the intended route.

Please notify Lands and add to Right-of-Way #U-71248

**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 James R. Rankin Title Petroleum Engineer Date 1/23/97

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any: _____

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



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

SUBMIT IN
TRIPLICATE*
(Other Instructions on
reverse side)

Form Approved.
Budget Bureau No. 1004-0135
Expires : March 31, 1993

<p align="center">SUNDRY NOTICES AND REPORTS ON WELLS</p> <p align="center">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</p> <p align="center">SUBMIT IN TRIPLICATE</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. U-54224</p>						
<p>b. TYPE OF WELL</p> <table style="width:100%; border: none;"> <tr> <td style="width:33%;">OIL WELL <input type="checkbox"/></td> <td style="width:33%;">GAS WELL <input checked="" type="checkbox"/></td> <td style="width:33%;">OTHER <input type="checkbox"/></td> </tr> <tr> <td>SINGLE ZONE <input type="checkbox"/></td> <td colspan="2">MULTIPLE ZONE <input type="checkbox"/></td> </tr> </table>	OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>	SINGLE ZONE <input type="checkbox"/>	MULTIPLE ZONE <input type="checkbox"/>		<p>6. IF INDIAN, ALLOTEE OR TRIBE NAME</p> <p>7. IF UNIT OR CA, AGREEMENT DESIGNATION</p>
OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>					
SINGLE ZONE <input type="checkbox"/>	MULTIPLE ZONE <input type="checkbox"/>						
<p>2. NAME OF OPERATOR Lone Mountain Production Company</p>	<p>8. WELL NAME and No. End of Rainbow #21-01</p>						
<p>3. ADDRESS OF OPERATOR P. O. Box 3394, Billings, Montana 59103 (406) 245-5077</p>	<p>9. API WELL NO. 43-047-31897</p>						
<p>4. LOCATION OF WELL (Footage, Sec. T., R., M., or Survey Description) 366' FSL, 2382' FEL Section 21-T11S-R24E (SWSE)</p>	<p>10. Field and Pool, or Exploratory Area Wildcat</p> <p>11. County or Parish, State Uintah County, Utah</p>						

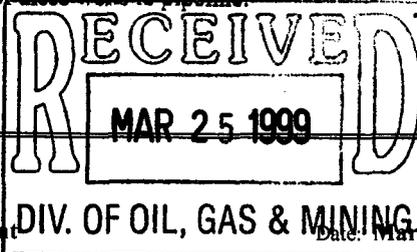
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing- <input checked="" type="checkbox"/> Other <u>Request for extension of shut-in status</u>	<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 of Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form)</small>

13. Describe the Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If a well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Lone Mountain Production Company operates the Lone Mountain End of the Rainbow #21-1 for White River Enterprises, LLC (WRE). WRE owns the record title in these properties. WRE purchased the assets of Gerrity Oil and Gas Corporation in July, 1996. The Dirty Devil #22-27 was included as part of this acquisition.

In the End of the Rainbow #21-1, Gas was tested from unstimulated, perforated intervals in both the Tertiary Green River Formation and the Tertiary Wasatch Formation between 2046' - and 3796' (gross). A lack of pipeline connection for this well has been the major hindrance to production. WRE through its operator Lone Mountain Production Company, has staked wells in sections 15, 16, 17, 21 and 22, immediately north of the End of the Rainbow #21-1. Upon completion of these wells, a cost effective gathering line will be run into the area to connect all of these wells to pipeline.



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

Signed: James R. Banta

Title: President

Date: March 23, 1999

(This space for Federal or State office use)

APPROVED BY: _____
CONDITIONS OF APPROVAL IF ANY

Date: _____

By: RJK 3-29-99

DATE: _____

Accepted by the
Utah Division of
Oil, Gas and Mining

COPY SENT TO OPERATOR
Date: 5-4-99
Initials: CHP

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

LONE MOUNTAIN PRODUCTION COMPANY

Mailing Address:
P.O. Box 3394
Billings, MT 59103-3394

(406) 245-5077
FAX 248-6321

Shipping Address:
100 North 27th Street
Suite 650
Billings, MT 59101

December 18, 2000

State of Utah
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Attn: Jimmie Thompson

RE: RESIGNATION OF OPERATOR
VARIOUS WELLS
UINTAH COUNTY, UTAH

Dear Mr. Thompson:

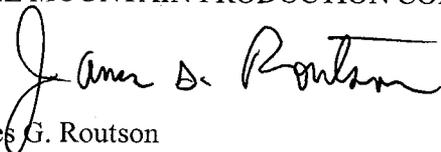
Please be advised Lone Mountain Production Company resigns as Operator of the attached list of wells in the referenced county, effective January 1, 2001.

All future correspondence should be directed to Dominion Exploration & Production Inc., 1450 Poydras Street, 8th Floor, New Orleans, Louisiana 70112-6000.

Should you have any questions or need further information, please contact our office at the letterhead address or phone number.

Sincerely,

LONE MOUNTAIN PRODUCTION COMPANY



James G. Routson
President

attachment

RECEIVED

DEC 26 2000

DIVISION OF
OIL, GAS AND MINING

**RESIGNATION OF OPERATOR
LONE MOUNTAIN PRODUCTION COMPANY
UINTAH COUNTY, UTAH**

<u>Well Name</u>	<u>API No.</u>
Conoco State 32-2	43-047-30100
Antelope Federal 20-02	43-047-32680
Antelope Federal 1-29	43-047-32452
\Federal 12-11	43-047-32557
\Federal 21-27	43-047-32560
\Federal 22-22	43-047-32559
\Black Dragon 31-34	43-047-33019
\Federal 34-30	43-047-32558
\Federal 28-01	43-047-30098
\L. S. Federal 44-10	43-047-32681
\End of Rainbow 21-01	43-047-31897
State S 42-2	43-047-32940
State M 42-2	43-047-33169
State S 22-2	43-047-32845
State G 22-32	43-047-33129
State N 31-16	43-047-33175
State Q 44-16	43-047-33176
Federal L 44-31	43-047-33261
Federal K 12-22	43-047-33299
Federal H 41-28	43-047-33184
Federal Q 44-15	43-047-33187
Federal Q 24-22	43-047-33246
Federal Q 22-15	43-047-33248
Federal M 22-27	43-047-33253
Federal R 44-9	43-047-33192
Federal R 13-30	43-047-33188
Federal M 44-29	43-047-33260
Federal H 42-20	43-047-33170
Federal M 42-22	43-047-33258
Federal M 24-22	43-047-33255

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DEC 26 2000

DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposal to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator

DOMINION EXPLORATION & PRODUCTION, INC.

3a. Address
16945 Northchase Drive, Suite 1750 Houston, TX 77060

3b. Phone No. (include area code)
(281) 873-3692

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

5. Lease Serial No.

Various

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

VARIOUS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

Subsequent Report

Final Abandonment Notice

Acidize

Alter Casing

Casing Repair

Change Plans

Convert to Injection

Deepen

Fracture Treat

New Construction

Plug and Abandon

Plug Back

Production (Start/Resume)

Reclamation

Recomplete

Temporarily Abandon

Water Disposal

Water Shut-Off

Well Integrity

Other Change of

Operator

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Dominion Exploration & Production, Inc. has assumed operation of multiple leases from Lone Mountain Production Company, effective January 1, 2001. Bond coverage is provided by Dominion's nationwide BLM Bond No. 76S 63050 0330. Field operations will be handled out of Dominion's Roosevelt office. The contact person will be Mitch Hall.

Dominion will assume responsibility under the terms and conditions of each lease for the operations conducted upon lease lands. The lease designation and serial numbers that are now operated by Dominion are as follows:

UTU-65356; UTU-75098; UTU-66421; UTU-73440; UTU-66409; UTU-73908; UTU-65359; UTU-74480; UTU-66425; UTU-66422; U-66410; U-016257; U-54224 and UTU-69430.

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CONFIDENTIAL
FEB 22 2001
DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

DIANN FLOWERS

Title REGULATORY SPECIALIST

Signature

Diann Flowers

Date 02/17/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office

170 South 500 East

Vernal, Utah 84078-2799

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

Phone: (801) 781-4400

Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3

UT08300

February 26, 2001

Dominion Expl. & Prod., Inc.
16945 N Chase Dr., Ste. 1750
Houston, Texas 77060

Re: Well No. End of Rainbow 21-01
SWSE, Sec. 21, T11S, R24E
Lease No. U-54224
Uintah County, Utah

Gentlemen:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Dominion Expl. & Prod., Inc. is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. WY3322, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Leslie Crinklaw or Pat Sutton of this office at (801) 781-4400.

Sincerely,

Edwin I. Forsman
Petroleum Engineer

cc: DOGM - Jim Thompson

RECEIVED

MAR 01 2001

DIVISION OF
OIL, GAS AND MINING

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

SUBMIT IN
TRIPLICATE*
(Other Instructions on
reverse side)

Form Approved.
Budget Bureau No. 1004-0135
Expires : March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals		5. LEASE DESIGNATION AND SERIAL NO. U-54224
SUBMIT IN TRIPLICATE		6. IF INDIAN, ALLOTEE OR TRIBE NAME
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. IF UNIT OR CA, AGREEMENT DESIGNATION
2. NAME OF OPERATOR Dominion Exploration & Production, Inc.		8. WELL NAME and No. End of Rainbow #21-01
3. ADDRESS OF OPERATOR 1450 Poydras Street, 8th Floor, New Orleans, Louisiana 70112-6000		9. API WELL NO. 43-047-31897
4. LOCATION OF WELL (Footage, Sec. T., R., M., or Survey Description) 366' FSL, 2382' FEL Section 21-T11S-R24E (SWSE)		10. Field and Pool, or Exploratory Area Wildcat
		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 type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other Change of Operator	<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 of Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form)</small>

13. Describe the Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If a well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Dominion Exploration & Production, Inc. has assumed operation of the above referenced well, effective January 1, 2001. The former operator was Lone Mountain Production Company.

Bond coverage is provided by Dominion's Nationwide Bond No. 76S630500330.

Field operations will be handled by the Roosevelt office. The contact person is Mitch Hall.

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MAR 01 2001
DIVISION OF
OIL, GAS AND MINING
RECEIVED
JAN 29 2001

INTERNAL DIST. BY: <u>EDJ</u>
RECD. _____
E.S. _____
PET. _____
A.M. _____

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

Signed: Donna J. Mullen
Donna J. Mullen

Title: Agent, Attorney-in-fact for DEPI

Date: 12/20/00

(This space for Federal or State office use)

APPROVED BY: Edwin J. [Signature] TITLE: Petroleum Engineer DATE: FEB 26 2001
CONDITIONS OF APPROVAL IF ANY

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

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS ✓
2. CDW ✓		5- SP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective: **1/1/2001**

FROM: (Old Operator):
LONE MOUNTAIN PRODUCTION COMPANY
Address: P. O. BOX 3394
BILLINGS, MT 59103-3394
Phone: 1-(406)-245-5077
Account No. N7210

TO: (New Operator):
DOMINION EXPLORATION & PRODUCTION INC
Address: 1450 POYDRAS STREET 8TH FLOOR
NEW ORLEANS, LA 70112-6000
Phone: 1-(281)-873-3692
Account No. N1095

CA No.

Unit:

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
FEDERAL 28-01	43-047-30098	10095	28-08S-25E	FEDERAL	GW	S
FEDERAL 22-22	43-047-32559	11746	22-11S-23E	FEDERAL	GW	P
FEDERAL 34-30	43-047-32558	11747	30-11S-23E	FEDERAL	GW	S
FEDERAL 21-27	43-047-32560	11762	27-10S-24E	FEDERAL	GW	P
LANDING STRIP FEDERAL 44-10	43-047-32681	11853	27-10S-24E	FEDERAL	GW	P
BLACK DRAGON UNIT 31-34	43-047-33019	12280	34-10S-24E	FEDERAL	GW	P
END OF RAINBOW 21-01	43-047-31897	11223	21-11S-24E	FEDERAL	GW	S
FEDERAL 12-11	43-047-32557	11761	11-12S-24E	FEDERAL	GW	P

OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/26/2000
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 02/22/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/01/2001
- Is the new operator registered in the State of Utah: YES Business Number: 852894-0143
- If **NO**, the operator was contacted on: N/A
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 02/26/2001
- Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC") Prog:** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

- 1. Changes entered in the **Oil and Gas Database** on: 03/01/2001
- 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/01/2001
- 3. Bond information entered in RBDMS on: N/A
- 4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

- 1. State well(s) covered by Bond No.: 76S63050361

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

- 1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond No: N/A
- 2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
- 3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

FILMING:

- 1. All attachments to this form have been **MICROFILMED** on: 3-16-01

FILING:

- 1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS:

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
2. CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

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

7/1/2007

FROM: (Old Operator): N1095-Dominion Exploration & Production, Inc 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134 Phone: 1 (405) 749-1300	TO: (New Operator): N2615-XTO Energy Inc 810 Houston St Fort Worth, TX 76102 Phone: 1 (817) 870-2800
--	--

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/6/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/6/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/6/2007
- Is the new operator registered in the State of Utah: Business Number: 5655506-0143
- If **NO**, the operator was contacted on:
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on:
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on:
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 9/27/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/27/2007
- Bond information entered in RBDMS on: 9/27/2007
- Fee/State wells attached to bond in RBDMS on: 9/27/2007
- Injection Projects to new operator in RBDMS on: 9/27/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: 9/27/2007

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000138
 - Indian well(s) covered by Bond Number: n/a
 - (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762
 - The **FORMER** operator has requested a release of liability from their bond on: 1/23/2008
- The Division sent response by letter on:

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

		5. LEASE DESIGNATION AND SERIAL NUMBER:
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: SEE ATTACHED
2. NAME OF OPERATOR: XTO Energy Inc. N2615		9. API NUMBER: SEE ATTACHED
3. ADDRESS OF OPERATOR: 810 Houston Street CITY Fort Worth STATE TX ZIP 76102		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

Dominion Exploration & Production, Inc.
14000 Quail Springs Parkway, Suite 600 **N1095**
Oklahoma City, OK 73134

James D. Abercrombie
James D. Abercrombie (405) 749-1300
Sr. Vice President, General Manager - Western Business Unit

Please be advised that XTO Energy Inc. is considered to be the operator on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by Nationwide BLM Bond #104312750 and Department of Natural Resources Bond #104312762.

NAME (PLEASE PRINT) <u>Edwin S. Ryan, Jr.</u>	TITLE <u>Sr. Vice President - Land Administration</u>
SIGNATURE <i>Edwin S. Ryan, Jr.</i>	DATE <u>7/31/2007</u>

(This space for State use only)

APPROVED 9127107
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED
AUG 06 2007
DIV. OF OIL, GAS & MINING

(5/2000)

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well name	qtr	qtr	sec	twp	rng	lease num	entity	Lease	well	stat
4301530633	SKYLINE U 1-6	NENE	06	160S	060E	UTU-77263	99999	Federal	GW	DRL	
4304731138	RBU 11-34B	NESW	34	090S	190E	U-017713	7058	Federal	GW	P	
4304731179	BARTON FED 1-26	NWSE	26	100S	190E	U-43156	8005	Federal	GW	P	
4304731724	RBU 11-35B	NESW	35	090S	190E	U-017713	11502	Federal	GW	S	
4304731818	WILLOW CREEK UNIT 2	SESW	05	110S	200E	U-39223	11604	Federal	GW	TA	
4304731878	EVANS FED 3-25	NENW	25	100S	190E	U-43156	11106	Federal	GW	P	
4304731879	EVANS FED 41-26	NENE	26	100S	190E	U-43156	11034	Federal	GW	P	
4304731881	APACHE 12-25	NWSW	25	100S	190E	UTU-3405	11080	Indian	GW	P	
4304731897	END OF THE RAINBOW 21-1	SWSE	21	110S	240E	U-54224	11223	Federal	GW	S	
4304731922	APACHE FED 44-25	SESE	25	100S	190E	U-3405	11185	Federal	GW	S	
4304732094	RBU 13-35B	SWSW	35	090S	190E	U-017713	7058	Federal	GW	S	
4304732222	RBU 15-35B	SWSE	35	090S	190E	U-017713	11365	Federal	GW	S	
4304732237	FEDERAL 13-26B	SWSW	26	090S	190E	UTU-68625	11370	Federal	GW	S	
4304732394	EVANS FED 12-25A	SWNW	25	100S	190E	U-43156	11451	Federal	GW	P	
4304732395	EVANS FED 32-26	SWNE	26	100S	190E	U-43156	11447	Federal	GW	P	
4304732515	WHB 1-25E	NENE	25	100S	190E	U-73011	11720	Federal	GW	P	
4304732557	FEDERAL 12-11	SWNW	11	120S	240E	UTU-66425	11761	Federal	GW	S	
4304732558	FEDERAL 34-30	SWSE	30	110S	230E	UTU-66410	11747	Federal	GW	S	
4304732559	FEDERAL 22-22	SENW	22	110S	230E	UTU-66409	11746	Federal	GW	P	
4304732560	FEDERAL 21-27	NENW	27	100S	240E	UTU-66422	11762	Federal	GW	P	
4304732600	RBU 1-21EO	NENE	21	100S	190E	U-013766	11783	Federal	OW	S	
4304732681	LANDING STRIP FEDERAL 44-10	SESE	10	120S	240E	UTU-69430	11853	Federal	GW	S	
4304733019	BLACK DRAGON UNIT 31-34	NWNE	34	100S	240E	UTU-66422	12280	Federal	GW	P	
4304733242	FEDERAL K 23-22	NESW	22	110S	210E	UTU-75098	13107	Federal	GW	P	
4304733299	FED K 12-22	SWNW	22	110S	210E	UTU-75098	13133	Federal	GW	P	
4304733508	EVANS FED 15-26E	SWSE	26	100S	190E	U-3405	12767	Federal	GW	P	
4304733509	EVANS FED 9-26E	NESE	26	100S	190E	UTU-3405	12749	Federal	GW	P	
4304733510	EVANS FED 10-25E	NWSE	25	100S	190E	U-3405	12927	Federal	GW	P	
4304733511	EVANS FED 14-25E	SESW	25	100S	190E	U-3405	12793	Federal	GW	P	
4304734000	RBU 1-18E	NENE	18	100S	190E	UTU-3576	14549	Federal	GW	P	
4304734669	EVANS FED 4-25E	NENE	26	100S	190E	U-43156	13588	Federal	GW	P	
4304734887	EVANS FED 2-26E	NWNE	26	100S	190E	U-43156	13830	Federal	GW	P	
4304734908	EVANS FED 15-25E	NWSE	25	100S	190E	U-3405	14023	Federal	GW	P	
4304734909	WH FED 11-26E	NESW	26	100S	190E	UTU-3405	14629	Federal	GW	P	
4304734984	WHB 4-26E	NWNW	26	100S	190E	U-43156	14898	Federal	GW	P	
4304734985	WHB 6-26E	SENW	26	100S	190E	U-43156	14886	Federal	GW	P	
4304735034	EVANS FED 8-26E	SENE	26	100S	190E	U-43156	14145	Federal	GW	P	
4304735035	WHB 12-26E	NWSW	26	100S	190E	UTU-3405	14899	Federal	GW	P	
4304735036	EVANS FED 11-25E	NESW	25	100S	190E	UTU-3405	14134	Federal	GW	P	
4304735037	EVANS FED 13-25E	SWSW	25	100S	190E	UTU-3405	14090	Federal	GW	P	
4304735043	EVANS FED 16-26E	SESE	26	100S	190E	UTU-3405	14372	Federal	GW	P	
4304735063	EVANS FED 8-25E	SENE	25	100S	190E	U-43156	14089	Federal	GW	P	
4304735064	EVANS FED 6-25E	SENW	25	100S	190E	U-43156	14135	Federal	GW	P	
4304735065	EVANS FED 9-25E	NESE	25	100S	190E	UTU-3405	13983	Federal	GW	P	
4304735102	EVANS FED 2-25E	NWNE	25	100S	190E	U-43156	13956	Federal	GW	P	
4304737451	WHB 13-26E	SWSW	26	100S	190E	UTU-3405	16058	Federal	GW	P	
4304738869	LOVE 4-20G	NWNW	20	110S	210E	UTU-076040	16249	Federal	GW	DRL	
4304739064	UTE TRIBAL 2-11H	NENW	11	110S	200E	14-20-H62-5611	16072	Indian	GW	DRL	

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304731777	STATE 4-36E	NWNW	36	100S	190E	ML-42175	11186	State	GW	P
4304731784	STATE 12-36E	NWSW	36	100S	190E	ML-42175	99998	State	GW	LA
4304732019	STATE 11-36E	NESW	36	100S	190E	ML-42175	11232	State	GW	P
4304732224	STATE 5-36B	SWNW	36	090S	190E	ML-45173	11363	State	GW	PA
4304732249	STATE 9-36B	NESE	36	090S	190E	ML-45173	11372	State	GW	PA
4304732316	RBU 12-2F	NWSW	02	100S	200E	ML-10716	99998	State	GW	LA
4304732404	STATE 2-36E	NWNE	36	100S	190E	ML-42175	99998	State	GW	LA
4304732405	STATE 9-36E	NESE	36	100S	190E	ML-42175	99998	State	GW	LA
4304732845	H R STATE S 22-2	SENW	02	120S	230E	ML-42215		State	GW	LA
4304732870	H R STATE S 24-2	SESW	02	120S	230E	ML-42215		State	GW	LA
4304732940	H R STATE S 42-2	SENE	02	120S	230E	ML-42215	13175	State	D	PA
4304732979	STATE 2-36E	NWNE	36	100S	190E	ML-42175	12390	State	GW	P
4304733129	STATE G 22-32	SENW	32	100S	230E	ML-47063		State	GW	LA
4304733130	H R STATE S 44-2	SESE	02	120S	230E	ML-42215		State	GW	LA
4304733169	STATE M 42-2	SENE	02	110S	230E	ML-47078		State	GW	LA
4304733173	STATE M 23-2	NESW	02	110S	230E	ML-47078		State	GW	LA
4304733174	STATE M 44-2	SESE	02	110S	230E	ML-47078		State	GW	LA
4304733175	STATE N 31-16	NWNE	16	110S	240E	ML-47080		State	GW	LA
4304733176	STATE Q 44-16	SESE	16	120S	210E	ML-47085	13134	State	D	PA
4304733181	STATE 1-36E	NENE	36	100S	190E	ML-42175	12539	State	GW	P
4304733738	STATE 1-2D	NENE	02	100S	180E	ML-26968		State	GW	LA
4304733740	STATE 9-2D	NESE	02	100S	180E	ML-13215-A		State	GW	LA
4304733837	STATE 7-36E	SWNE	36	100S	190E	ML-42175	13186	State	GW	P
4304734012	CLIFFS 15-21L	SWSE	21	110S	250E	FEE		Fee	GW	LA
4304734123	STATE 15-36E	SWSE	36	100S	190E	ML-42175	13784	State	GW	P
4304734124	STATE 9-36E	NESE	36	100S	190E	ML-42175	13760	State	GW	P
4304734241	STATE 5-36E	SWNW	36	100S	190E	ML-42175	13753	State	GW	P
4304734284	STATE 13-36E	SWSW	36	100S	190E	ML-42175	13785	State	GW	P
4304734285	STATE 6-36E	SENW	36	100S	190E	ML-42175	13370	State	GW	P
4304735089	WHB 8-36E	SENE	36	100S	190E	ML-42175	14024	State	GW	P
4304735612	WHB 14-36E	SESW	36	100S	190E	ML-42175	14759	State	GW	P
4304736292	WHB 12-36E	NWSW	36	100S	190E	ML-42175	15116	State	GW	P
4304736666	KINGS CANYON 1-32E	NENE	32	100S	190E	ML-47058	14958	State	GW	P
4304736667	KINGS CANYON 10-36D	NWSE	36	100S	180E	ML-047058	14959	State	GW	P
4304737034	AP 15-2J	SWSE	02	110S	190E	ML-36213	15778	State	GW	P
4304737035	AP 10-2J	NWSE	02	110S	190E	ML-36213	16029	State	GW	S
4304737036	AP 9-2J	NESE	02	110S	190E	ML-36213	15881	State	GW	P
4304737037	AP 8-2J	SENE	02	110S	190E	ML-36213	15821	State	GW	P
4304737038	AP 5-2J	SWNW	02	110S	190E	ML-36213	16043	State	D	PA
4304737039	AP 3-2J	NENW	02	110S	190E	ML-36213	15910	State	GW	P
4304737040	AP 2-2J	NWNE	02	110S	190E	ML-36213	99999	State	GW	DRL
4304737041	AP 1-2J	NENE	02	110S	190E	ML-36213	15882	State	GW	P
4304737659	KC 8-32E	SENE	32	100S	190E	ML-047059	15842	State	GW	P
4304737660	KC 9-36D	SESE	36	100S	180E	ML-047058	99999	State	GW	DRL
4304738261	KINGS CYN 2-32E	NWNE	32	100S	190E	ML-047059	15857	State	GW	DRL

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: U-54224
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
		7. UNIT or CA AGREEMENT NAME: NA
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: END OF THE RAINBOW 21-1
2. NAME OF OPERATOR: XTO ENERGY INC.		9. API NUMBER: 4304731897
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		10. FIELD AND POOL, OR WILDCAT: GREEN RIVER/WASATCH
PHONE NUMBER: (505) 333-3100		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 366' FSL & 2382' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 21 11S 24E S		COUNTY: UINTAH STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 4/1/2008	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. proposes to P&A this well per the attached procedure & wellbore diagrams (current & proposed P&A).

COPY SENT TO OPERATOR

Date: 4.23.2008

Initials: KS

NAME (PLEASE PRINT) <u>HOLLY C. PERKINS</u>	TITLE <u>REGULATORY COMPLIANCE TECH</u>
SIGNATURE <u>Holly C. Perkins</u>	DATE <u>3/18/2008</u>

(This space for State use only)

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

Federal Approval Of This
Action Is Necessary

Date: 4/22/08
By: [Signature]

(See instructions on Reverse Side)

RECEIVED

MAR 21 2008

DIV. OF OIL, GAS & MINING

**End of the Rainbow #21-1
Unit O, Sec 21, T 11 S, R 24 E
Uintah County, Utah**

Plug and Abandon Well

Surf csg: 8-5/8", 24#, J-55, ST&C, csg @ 298'. Circ cmt to surf.

Prod csg: 4-1/2", 11.6#, L-80 csg @ 4,420'.

Cement: 90 sx Halco Lite cmt + 100 sx cl G cmt w/1/4 pps Cello & 3% CaCl₂. Circ cmt to surf

Cement Calc: 12-1/4" hole (0.8185 cuft/ft), 8-5/8" csg (0.3576 cuft/ft), 7-7/8" hole (0.3382 cuft/ft), 4-1/2" csg (0.0873 cuft/ft),

Perforations: WA: 3,786'-3,796' (1 spf, 10 ttl), 3,580'-3,584' (1 spf, 4 ttl), 3,492'-3,502' (0.6 spf, 6 ttl), 3,276'-3,280' (1 spf, 4 ttl)

GR: 2,046'-2,052' (4 spf, 24 ttl)

Tubing: MS, SN, & 104 jts 2-3/8" tbg. EOT @ 3,240'

Current: Shut-In

Plugging Procedure

Note: All cement volumes use 10% excess per 1,000 foot of depth or 100% excess outside pipe and 50' excess inside pipe, whichever is greater. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class G or equivalent, mixed at 15.8 ppg with a 1.15 cf/sx yield.

1) CONTACT BLM/Utah OGC PRIOR TO CEMENTING OPERATIONS.

- 2) Install and test rig anchors. Comply with all Utah OGC, BLM and XTO safety rules and regulations. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit.
- 3) NU BOP and test the BOP.
- 4) TOH with BHA.
- 5) TIH with 3-7/8" bit, 4-1/2" csg scraper, SN, and 2-3/8" tbg. Ensure csg has no tight spots. CO to 3,226'.
- 6) TOH w/tubing. Lay down the bit and scraper.
- 7) TIH with 4-1/2" CICR, setting tool, and 2-3/8" tubing. Set CICR at 3,226'.
- 8) **Plug #1 (Wasatch Perfs, 3,226'-3,126')**: Pressure test the tubing to 1,000 psig. Load the casing with water and circulate the well clean. Pressure test the casing to 800 psig. If the casing does not test, then spot or tag cement plugs as appropriate. Mix 12 sxs cement and spot a balanced plug to isolate the perforations. TOH to 2,402'.
- 9) **Plug #2 (Wasatch/Uteland Limestone/Wasatch Tongue Tops, 2,402'-1,903')**: Mix 42 sxs cement and spot a balanced plug to cover the Wasatch/Uteland Limestone/Wasatch Tongue tops. TOH to 348'.

- 10) **Plug #3 (Casing Shoe/Surface Plug, 348'-Surface):** Connect the pump line to the bradenhead valve. Attempt to pressure test the bradenhead annulus to 300 psig; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 28 sxs cement and spot a balanced plug from 348' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing and the bradenhead annulus.
- 11) ND BOP and cut off wellhead below surface casing head. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Regulatory:

1. Acquire approval from BLM/Utah OGC to P&A well with 82 sx Class G or equivalent, mixed at 15.8 ppg with a 1.15 cf/sx yield.

Equipment:

1. 1 – 4-1/2" cast iron cement retainer

END OF THE RAINBOW #21-1 WELLBORE DIAGRAM

KB: 5,684'
GL: 5,668'
CORR: 16'

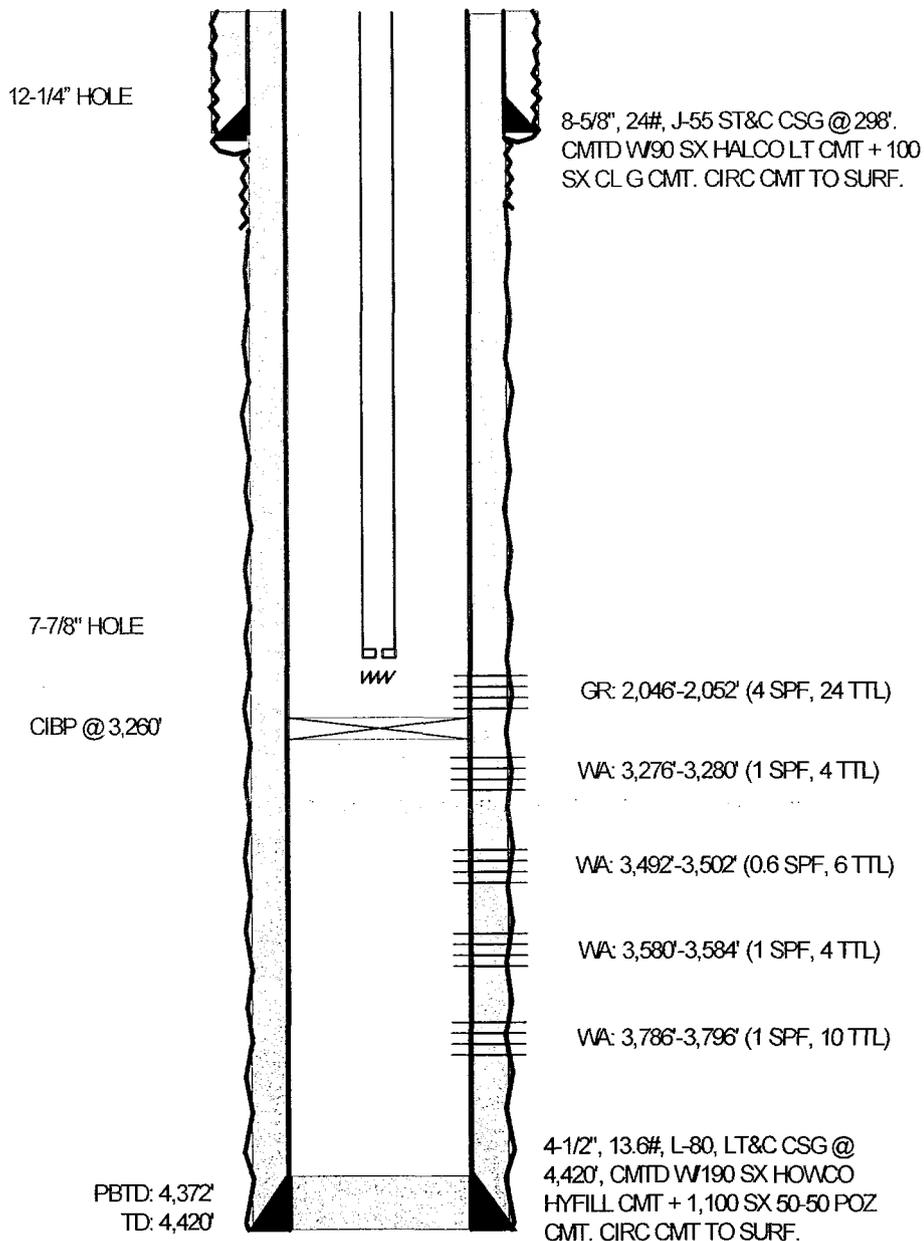
DATA

LOCATION: 366' FSL & 2,382' FEL, UNIT 0, SEC 21, T 11S, R 24E
COUNTY/STATE: UINTAH COUNTY, UTAH
FIELD: WILDCAT
FORMATION: GREEN RIVER/WASATCH
FED LEASE #: U-54224 **API #:** 43-047-31897
CTOC WELL #: 165505
SPUD DATE: 02/22/91 **COMPLETION DATE:** 06/08/91
IP: F 0 BO, 6 BW, 50 MCF, FTP 10 PSIG, 2" CK, 24 HRS
PRODUCTION METHOD: INACTIVE
TUBING STRING: MS, SN, & 104 JTS 2-3/8" TBG. EOT @ 3,240'
PERFS: WA: 3,786'-3,796' (1 SPF, 10 TTL), 3,580'-3,584' (1 SPF, 4 TTL), 3,492'-3,502' (0.6 SPF, 6 TTL), 3,276'-3,280' (1 SPF, 4 TTL), GR: 2,046'-2,052' (4 SPF, 24 TTL)

HISTORY

WELL TAKEN OVER FOR API #43-047-31863

02/22/91: SPUD 12-1/4" @ 12:00.
02/25/91: DRILLED 12-1/4" HOLE TO 300'. SET 7 JTS 8-5/8", 24#, J-55 ST&C CSG @ 298'. CMTD W/90 SX HALCO LITE CMT + 100 SX GL G CMT W/1/4 PPS CELLO & 3% CACL2. CIRC CMT TO SURF.
03/01/91: GAS SHOW @ 2,010'-2,030' (150 UNITS).
03/02/91: GAS SHOW @ 3,262'-3,274' (1,200 UNITS).
03/03/91: GAS SHOW @ 3,565'-3,582' (400 UNITS).
03/04/91: GAS SHOW @ 4,022'-4,028' (620 UNITS), 4,062'-4,070' (920 UNITS).
03/05/91: DRILLED 7-7/8" HOLE TO 4,420' @ 09:30. MIRU SCHLUMBERGER WL. RUN TRIPLE COMBO LOG. RDMO WL.
03/06/91: SET 117 JTS 4-1/2", 13.6#, L-80, LT&C CSG @ 4,420'. FC @ 4,372'. CMTD W/190 SX HOWCO HYFILL CMT (MIXED @ 11.0 PPG & 3.12 CUFT/FT) + 1,100 SX 50-50 POZ CMT W/2% GEL & 10% SALT (MIXED @ 14.3 PPG & 139 CUFT/FT). CIRC CMT TO SURF. RDMO DRLG RIG.
06/01/91: MIRU PU. CO TO PBTD. TOH W/BHA. MIRU WL. RAN GR/CCL/CBL FR/4,372'-1,000'. CMT TO SURF. PERF WA FR/3,786'-3,796' (1 SPF, 10 TTL). RDMO WL. TIH W/4-1/2" PKR, SN, & 2-3/8" TBG. SET PKR @ 3,744'. EIR W/2% KCL @ 1.5 BPM/1,600 PSIG.
06/02/91: TOH W/BHA. MIRU WL. SET CIBP @ 3,750'. PERF WA FR/3,580'-3,584' (1 SPF, 4 TTL).
06/04/91: SET CIBP @ 3,560'. PERF WA FR/3,492'-3,502' (0.6 SPF, 6 TTL). RD WL. TIH W/4-1/2" PKR, SN, & 2-3/8" TBG. EIR W/2% KCL @ 1.5 BPM/1,500 PSIG.
06/05/91: TOH W/BHA. RU WL. SET CIBP @ 3,460'. PERF WA FR/3,276'-3,280' (1 SPF, 4 TTL).
06/07/91: SET CIBP @ 3,260'. PERF GR FR/2,046'-2,052' (4 SPF, 24 TTL). RDMO WL.
06/08/91: TIH W/MS, SN, & 104 JTS 2-3/8" TBG. EOT @ 3,240'. RDMO PU.



**WILLOW CREEK UNIT #1 (P&A)
WELLBORE DIAGRAM**

KB: 5,647
GL: 5,635
CORR: 12

DATA

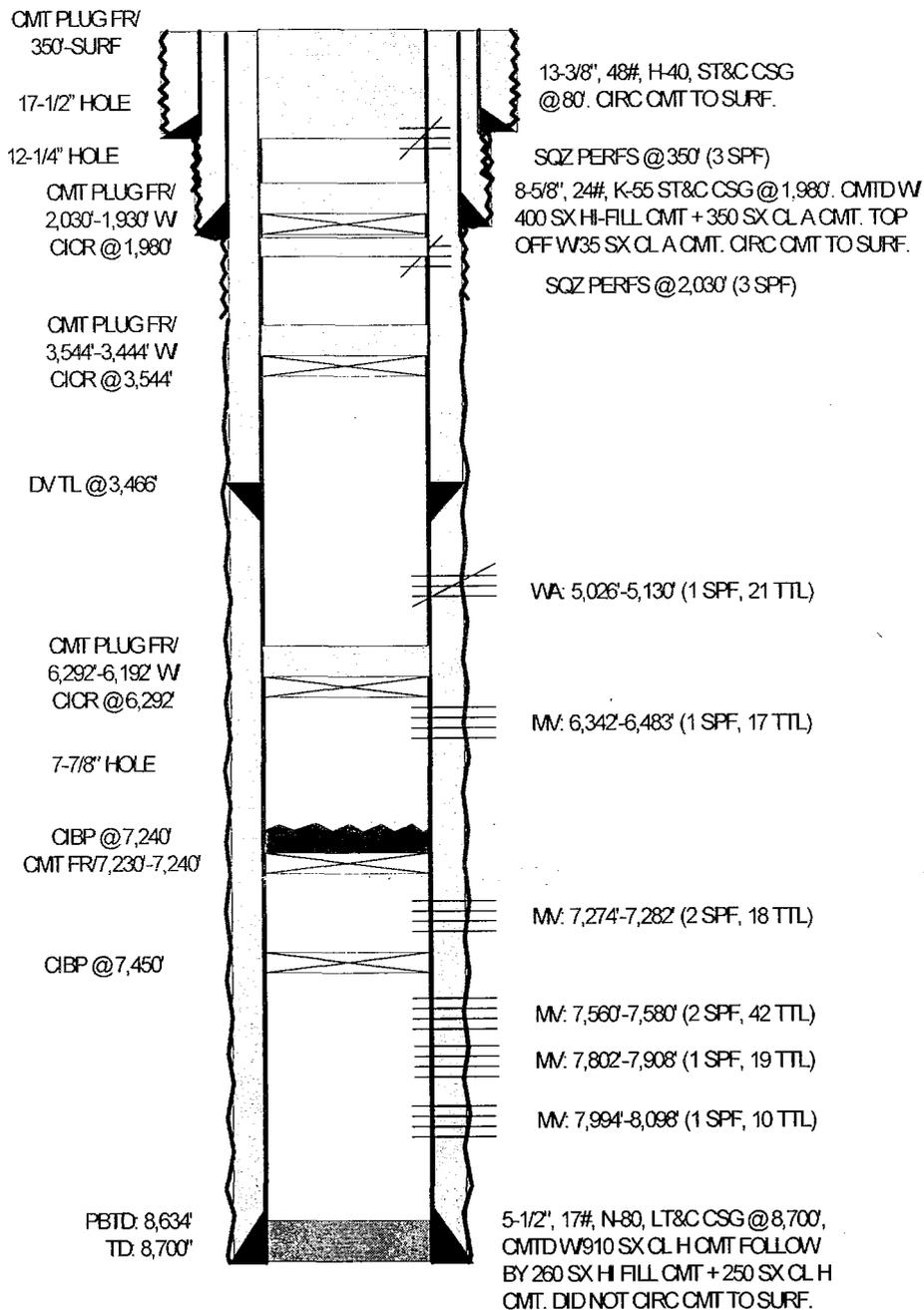
LOCATION: 2,635' FNL & 2,580' FEL, UNIT G, SEC 27, T 11S, R 20E
COUNTY/STATE: UINTAH COUNTY, UTAH
FIELD: WILDCAT
FORMATION: WASATCH/MESAVERDE
FED LEASE #: U-34705 **API #:** 43-047-31775
CTOC WELL #: 165680
SPUD DATE: 11/29/86 **COMPLETION DATE:** 05/30/87
IP: F. 10 BO, 10 BW, 98 MCF, FTP 1,000 PSIG, SICP 1,000 PSIG, 3/16" CK, 24 HRS
PRODUCTION METHOD: SHUT-IN
TUBING STRING:

PERFS: MV: 7,994'-96', 98', 8,000', 01', 32'-34', 94'-98' (1 SPF, 10 TTL), 7,802'-07', 46'-47', 49'-52', 92'-95', 7,906'-08' (1 SPF, 19 TTL), 7,560'-7,580' (2 SPF, 42 TTL), 7,274'-7,282' (2 SPF, 18 TTL), 6,342'-6,345', 6,433'-6,436', 6,475'-6,483' (1 SPF, 17 TTL), **WA:** 5,026'-28', 30', 32', 34', 36', 38', 40', 44', 46', 5,112', 14', 16', 18', 20', 22', 24', 26', 28', 30' (1 SPF, 21 TTL), 6,342'-6,345', 6,433'-6,436', 6,475'-6,483' (1 SPF, 17 TTL)

HISTORY

NO DRILLING OR COMPLETION RECORDS ON FILE

11/27/86: DRILL 17-1/2" HOLE TO 80'. SET 2 JTS 13-3/8", 48#, H-40, COND CSG @80'. CMT TO SURF.
11/29/86: SPUD 12-1/4" HOLE @ 23:00.
11/31/86: DRILLED 12-1/4" HOLE TO 1,980'. SET 44 JTS 8-5/8" 24#, K-55, ST&C CSG @ 1,980'. CMTD W/400 SX HI FILL CMT + 350 SX CL A CMT. TOP OFF W/35 SX CL A CMT. CIRC 35 BBLs CMT TO SURF.
12/24/86: DRILLED 7-7/8" HOLE TO 8,700'. MIRU SCHLUMBERGER WL. RAN TRIPLE COMBO LOGS TO 4,400'. HOLE STABILITY ISSUES. RDMO WL. SET 194 JTS 5-1/2" 17#, N-80, LT&C CSG @ 8,700'. FC @ 8,634'. DV TL @ 3,466'. CMTD W/910 SX CL H THIXOTROPIC CMT. CLS DV TL. CMT 2ND STG W/260 SX HI FILL CMT + 250 SX CL H THIXOTROPIC CMT. DID NOT CIRC CMT TO SURF. RDMO DRLG RIG.
12/31/86: MIRU PU. CO TO PBD.
01/01/87: MIRU WL. RAN DIR/GR/TDT/PDK/CBL/VDL LOGS FR/8,634'-2,819'. FD TOC@ 3,696'. PERF MV @ 7,994', 96', 98', 8,000', 01', 32'-34', 94'-98' (1 SPF, 10 TTL). RD WL.
01/02/87: MIRU FRAC. AC W/1,500 GALS 7-1/2% HCL. FRAC MV W/35,000 GALS 20Q CO2 FOAM W/80,000# 20/40 OTTAWA SD. RU WL. SET RBP @ 7,975'. PERF MV @ 7,802'-07', 46'-47', 49'-52', 92'-95', 7,906'-08' (1 SPF, 19 TTL). RD WL. AC W/1,500 GALS 7-1/2% HCL. FRAC MV W/40,250 GALS 20Q CO2 FOAM W/45,000# 20/40 OTTAWA SD. RU WL. RTRV RBP & SET @ 7,725'. PERF WA @ 5,026'-28', 30', 32', 34', 36', 38', 40', 44', 46', 5,112', 14', 16', 18', 20', 22', 24', 26', 28', 30' (1 SPF, 21 TTL). RD WL. AC W/1,500 GALS 7-1/2% HCL. FRAC W/31,500 GALS 30Q CO2 FOAM W/63,000# 20/40 OTTAWA SD. RU WL. RTRV RBP. RDMO WL. RDMO FRAC.
01/03/87: TIH W/PKR & 2-3/8" TBG. SET PKR @ 7,700'. SWB TST MV. RTRN SLGHT GAS SHOW & STDY WTR. SHUT-IN FOR EVAL. RDMO PU.
05/23/87: MIRU PU. TOH W/BHA. TIH W/RBP, PKR, & 2-3/8" TBG. SET RBP @ 7,770'. SQZ WA FR/5,026'-5,130' W/200 SX CMT. TOH W/BHA. TIH W/4-1/2" BIT, SN, & 2-3/8" TBG. CO TO PBD. TOH W/BHA. MIRU WL. PERF MV FR/7,560'-7,580' (2 SPF, 42 TTL). MIRU FRAC. AC W/1,000 GALS 7-1/2% HCL. SET CIBP @ 7,450'. PERF MV FR/7,274'-7,282' (2 SPF, 18 TTL). AC W/1,000 GALS 7-1/2% HCL. SET CIBP @ 7,240'. DMP BAIL CMT ABOVE BP FR/7,240'-7,230'. PERF MV @ 6,342'-6,345', 6,433'-6,436', 6,475'-6,483' (1 SPF, 17 TTL). RDMO WL. AC W/2,000 GALS 3% KCL WTR. FRAC W/47,500 GALS 65Q CO2 FOAM W/92,000# 20/40 OTTAWA SD. RDMO FRAC. RDMO PU. SHUT-IN.
06/11/87: WELL 1ST DEL TO SALES.
08/12/87: WELL T'A DUE TO PIPE LINE ECONOMICS.
10/19/87: RAN IP TST. F. 10 BO, 10 BW, 98 MCF, FTP 1,000 PSIG, SICP 1,000 PSIG, 3/16" CK, 24 HRS.



**WILLOW CREEK UNIT #1 (P&A)
WELLBORE DIAGRAM**

09/01/92: PHOENIX HYDROCARBONS OPERATING CORP ASSUMES OPERATIONS
FR/EP OPERATING CO.

01/01/94: SNYDER OIL CO ASSUMES OPERATIONS.

05/05/99: SANTA FE SNYDER CORP ASSUMES OPERATIONS.

03/09/01: EL PASO PRODUCTION CO ASSUMES OPERATIONS.

12/17/02: WESTPORT OIL & GAS CO ASSUMES OPERATIONS.

12/01/05: MAK-J ENERGY PARTNERS ASSUMES OPERATIONS.

01/25/07: DOMINION E&P ASSUMES OPERATIONS.

08/01/07: XTO ENERGY ASSUMES OPERATIONS.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Record cleanup

FORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U-54224
2. Name of Operator XTO Energy Inc.		6. If Indian, Allottee or Tribe Name N/A
3a. Address 382 CR 3100 Aztec, NM 87410	3b. Phone No. (include area code) 505-333-3100	7. If Unit or CA/Agreement, Name and/or No. N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 366' FSL & 2382' FEL SWSE SEC 21-T11S-R24E S		8. Well Name and No. END OF THE RAINBOW 21-1
		9. API Well No. 43-047-31897
		10. Field and Pool, or Exploratory Area ASPHALT WASH WASATCH
		11. County or Parish, State UINTAH UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input type="checkbox"/> Other _____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

XTO Energy Inc. has plugged & abandoned this well per the attached Summary Report.

RECEIVED

DEC 10 2008

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) BARBARA A. NICOL	Title REGULATORY CLERK
Signature <i>Barbara A. Nicol</i>	Date 12/10/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	DOGM COPY

EXECUTIVE SUMMARY REPORT

1/1/2008 - 12/10/2008
Report run on 12/10/2008 at 12:33 PM

End of the Rainbow 21-01 - End of the Rainbow 21-01

Section 21-11S-24E, Uintah, Utah, Roosevelt

Objective:

Date First Report: 9/19/2008
Last Casing String:
Method of Production: Flowing

Rig Information: A+, #1, Fred Proctor

9/19/2008 SITP 100 psig SICP 100 psig SIBHP 0 psig, MIRU A+ Rig & equip. Bd tbg to pit in 5", open csg and 1" stream wtr flowing fr csg vlv to pit. ND WH NU Bop, PU 1 jt 2 3/8" tbg and TIH & tgd CIBP @ 3260'. TOH w/ 104 jts 2 3/8" 4.7# J-55 tbg 1 MSC & PSN SWI SDFN.

9/20/2008 SICIP 0 psig SIBHP 0 psig Tally & TIH w/ 104 jts 2 3/8" tbg and tgd CIBP @ 3,260', Pmp 50 bbls. FW & estb circ & prep fr plug #1. Pmp 14 sks type #2, 15.6# cmt w/ 3% CACL fr 3,226'-3,307' new TOC. Displ w/ 11 bbls FW, LD 6 jts 2 3/8" tbg and stand 10 stands 2 3/8" tbg in derrick. WOC fr 3 hours. TIH w/ 2 3/8" tbg & tgd TOC @ 3,075' per BLM approval Jamie Sparger. LD 21 jts 2 3/8" tbg w/ EOT @ 2,404' & prep for plug #2. Pmp 10 bbls FW ahead w/ 50 sks type #2, 15.6# cmt fr 2,404'-1,730' new TOC. Dspl w/ 6 bbls FW. LD 21 jts 2 3/8" tbg & stand back 10 stands in derrick. A+ rig having trouble w/ Hydrallic pmp, will need to fix & repair Sunday 9/21/2008. Will be ready to continue Monday 9/22/2008 a.m. SWI SDFN. BLM Rep Jamie Sparger on location fr all approvals.

9/22/2008 SICIP 0 psig, SIBHP 0 psig. TIH w/2-3/8" tbg & tgd plug #2 @ 1,736'. BLM approved. Pmp 30 BFW dwn tbg & estb circ out csg. LD 2-3/8" tbg to 708' & prep for plug #3. Pmp 19 sks type #2, 15.6# cmt fr/708' - 444', new TOC. LD 11 jts 2-3/8" tbg w/EOT @ 368', prep for plug #4. Pmp 36 sks type #2, 15.6# cmt fr/368'- surf csg vlv. LD 12 jts 2-3/8" tbg & cln out BOP. ND BOP & equip, RDMO A+ Rig & equip. Have backhoe dig out cellar, have welder cut off WH & prep fr plug #5. TIH w/1-1/4" x 40' poly pipe & pmp 20 sks type #2, 15.6# cmt fr/40'- surf. BLM approved. Weld on inspection plate & received final approval fr/BLM Rep Johnny Boren. Final Rpt

Table with 4 columns: Job Contact, Job Contacts, Contact Title, Mobile Phone. Row 1: Woody Olsen, Field Supervisor, Contact Title, 435-722-7217