

# GILMORE OIL & GAS

110 N. MARIENFELD, SUITE 155 • ONE MARIENFELD PLACE • MIDLAND, TEXAS 79701 • (915) 687-0408 • FAX (915) 687-0400

May 9, 1989

State of Utah  
Department of Natural Resources  
Division Of Oil, Gas and Mining  
355 W. North Temple, Suite 350  
3 Triad Center  
Salt Lake City, Utah 84180

RECEIVED  
MAY 12 1989

OIL, GAS & MINING

Re: APD- Federal 34-1  
Uintah County, Utah

Dear Sirs:

Enclosed please find the APD for the above captioned well along with the drilling program, surface use program, and the surveyors plat submitted in triplicate. If you require any further information, please do not hesitate to contact our office.

Sincerely,

*William C. Gilmore*

William C. Gilmore

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

(Other instructions on reverse side)

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. Lease Designation and Serial No. U-52767

6. If Indian, Allottee or Tribe Name n/a

7. Unit Agreement Name n/a

8. Farm or Lease Name Federal 34

9. Well No. 1

10. Field and Pool, or Wildcat Undesignated

11. Sec., T., R., M., or Blk. and Survey or Area Sec. 34, T8S, R24E

12. County or Parrish 13. State Uintah Utah

14. Distance in miles and direction from nearest town or post office\* 40 miles SE of Vernal, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. line, if any) 740'

16. Proposed depth 4,100' *Green River*

17. No. of acres assigned to this well 40

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft. n/a

19. Proposed depth 4,100' *Green River*

20. Rotary or cable tools Rotary- all

21. Elevations (Show whether DF, RT, GR, etc.) 5,319' GL

22. Approx. date work will start\* 5-20-89

RECEIVED  
MAY 12 1989

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"	24.0	300'	225 sx
7 7/8"	5 1/2"	15.5	4,100'	500± sx **

\*\* as determined by caliper log

It is proposed to drill a well at the above site. The primary zone of interest is the Green River sand from 3,700'-4,100'. If the zone of interest is present and appears to be productive, 5 1/2" casing will be run and cemented in place and the well completed. If the completion attempt does not find commercial production, the well will be plugged and abandoned and the location and road will be restored as per the BLM instructions.

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

24. Signed William C. Ashmon Title Owner Date 5-9-89

(This space for Federal or State office use)

Permit No. 43-047-31862 Approval Date APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

Approved by John R. Bay Title DATE: 5-22-89

Conditions of approval, if any: WELL SPACING: 665-3-2

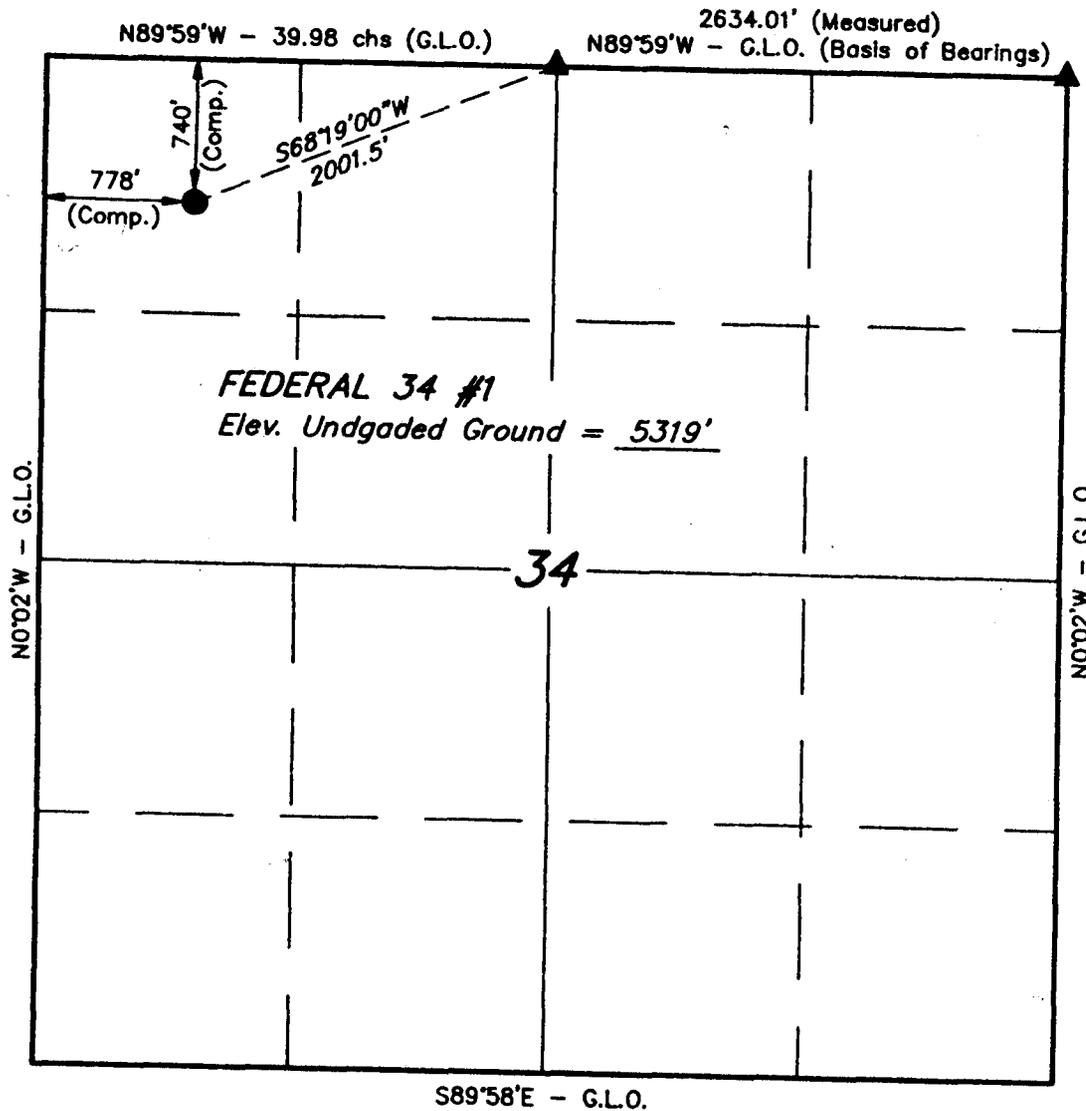
# GILMORE OIL & GAS

T8S, R24E, S.L.B.&M.

Well location, FEDERAL 34 #1, located as shown in the NW 1/4 NW 1/4 of Section 34, T8S, R24E, S.L.B.&M. Uintah County, Utah.

## BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 34, T8S, R24E, S.L.B.&M. TAKEN FROM THE BONANZA 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 5382 FEET.



▲ = SECTION CORNERS LOCATED. (BRASS CAPS)

## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

*Robert J. Kelley*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 5706  
 STATE OF UTAH

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

SCALE 1" = 1000'	DATE 4-26-89
PARTY J.T.K. D.S. J.R.S.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE GILMORE OIL & GAS

GILMORE OIL & GAS  
 FEDERAL "34" NO. 1, LEASE U-52767  
 NW NW SEC. 27, T8S, R24E  
 Uintah County, Utah

DRILLING PROGRAM

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Surface Formation-----	Uintah
Green River Formation-----	700'
Green River Oil Sands-----	3,600'
Total Depth-----	4,100'

2. Estimated depths at which the top and the bottom of anticipated water, oil, gas or other mineral bearing formations are expected to be encountered and operator plans for protecting such resources.

Possible oil and gas bearing zones could be encountered from 700' to TD (4,100'). The primary zone of interest from 3,700' to 4,100' is expected to contain high pour point Green River oil and will be protected by cementing casing through the zone. No commercial water or mineral bearing formations are expected to be encountered.

3. Casing Program

Conductor Casing: None

Surface Casing: 300', 8 5/8" 24.0 lb/ft, J-55, ST&C, Range 3 approximately 8 joints

Production Casing: 4,100' 5 1/2" 15.5 lb/ft J-55, LT&C, Range 3, Approximately 103 joints.

4. Cementing Program

Surface Casing: Cement circulated to surface with 225 sacks.

Production Casing: Pay Zone to be covered with high compressive strength cement and light weight cement to fill the remainder of hole to within 500' of surface casing. Exact volume to be determined from logs.

5. Drilling Fluids:

<u>INTERVAL</u>	<u>WT-LB/GAL</u>	<u>VIS</u>	<u>WATER LOSS</u>	<u>TYPE SYSTEM</u>
0-300'	8.4 - 8.6	28	N.C.	FWG WITH LIME
300'-700'	8.4 - 8.6	28	N.C.	NATIVE
700 -1700'	8.4 - 8.6	30-32	N.C.	FWG WITH LCM
1700'-3100'	8.6 - 8.8	32-34	N.C.	FWG WITH LCM
3100'-4100'	8.8 - 9.1	38-50	IO	FWG - LOW SOLIDS

Sufficient mud materials to maintain mud requirements and meet minor lost circulation and blowout problems will be on wellsite.

6. CORING

None planned

7. DRILL STEM TEST (DST):

DST could possible be run if well conditions, shows, and logs dictate.

8. OPEN HOLE LOGGING:

Operator plans to run a Dual Induction log from TD to surface casing and a GR-CAL-FDC-CNL over the porous intervals.

9. TENTATIVE COMPLETION PROGRAM:

Perforate 5 1/2" casing with 2 shots per foot and stimulate as necessary with gelled Kcl water/sand fracture treatment.

10. ABNORMAL CONDITIONS OR POTENTIAL HAZARDS:

No abnormal conditions or hazards are expected. The estimated bottom temperature and pressure are 125 degrees F and 1650 psi respectively.

11. WELLHEAD EQUIPMENT

An attached BOP and choke manifold schematic is attached.

12. AUXILIARY EQUIPMENT TO BE USED.

- A. Two man 24 hour mud logging unit starting @ 1,500'.
- B. A full opening drill pipe stabbing valve with proper connections will be on the rig floor ready for use when the kelly is not in the string.

13. ANTICIPATED STARTING DATE:

The location and road construction to begin as soon as a permit is approved and drilling to start approximately 5-20-89

14. ADDITIONAL CONSIDERATIONS

None

**SURFACE USE PROGRAM**  
**FEDERAL "34" NO. 1**  
**NW NW, SECTION 34, T8S,R24E**  
**LEASE NO. U-52767**  
**UINTAH COUNTY, UTAH**

**1. EXISTING ROADS**

- A. This location can be reached by taking State Highway 45 south out of Vernal approximately 40 miles and turn left on the old highway 45 and go 1 mile to the location on the left. The proposed access road will be approximately 500' in length.
- B. Please refer to the included surveyor's plats.
- C. The existing roads are paved and suitable for heavy loads. The access road will not cross any Indian lands.

**2. ACCESS ROADS TO BE CONSTRUCTED**

- A. Width : Bladed to 16'
- B. Maximum Grade: Less than 7%
- C. Major cuts or fills: None
- D. Turnouts: None required
- E. Drainage: None
- F. Culverts: One (12" x 18')
- G. Auto gates: None
- H. Existing Facility to be modified: None

**3. Location of Existing Wells within a one mile radius**

- A. Water wells: None
- B. Injection Wells: None
- C. Abandoned Wells: Two; NW/4 Sec. 34, T8S-R24E and NW/4 SE/4, Sec.27, T8S, R24E
- D. Disposal Wells: None
- E. Producing Wells: Two, both operated by Gilmore Oil & Gas
  - 1) Federal 27 #1 - SESW Sec.27
  - 2) Raging Bull #1 - NESW Sec.26
- F. Drilling Wells: None

**4. Location of Existing and/or Proposed Facility if well is productive.**

- A. Facility Required in the event of production on Well pad:  
See map C for location of facilities. All facilities will be on the wellsite pad.
- B. Description of facilities: (See map C)  
The berm for the production tanks will be constructed of compacted subsoil, hold the capacity to contain 1 1/2 times the storage capacity of the tanks and be independent of the back cut. All permanent structure will be painted a flat non-reflective earth tone Desert Brown color to match the recommended environmental colors.
- C. Facilities Required in the event of production off well pad:

Upgrade and maintain access roads as necessary to prevent said erosion and accomodate year-round traffic.

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

- A. The source of water will be from the White River (SE SW Section 2, T10S, R24E). Temporary Application to Appropriate Water from the State of Utah has been applied for.
- B. Water source is located in Federal land. Water will not be obtained from Federal or Indian projects.
- C. A water well will not be drilled.
- D. Water will be trucked to the location.

**6. Constructive Materials**

- A. Native soil will be utilized in the drilling site and access road. No additional construction material will be required for drilling operations. Crushed rock or gravel may be needed for the pulling unit pad, wellsite and to make the access road passable during all weather conditions if the well is found productive.
- B. No construction material from Federal or Indian lands
- C. Crushed rock, if necessary, will be purchased from construction contractors in the area from privately owned sources.

**7. Methods for Handling Waste Disposal.**

- A. Cuttings: Unlined reserve pit 75' x 150' x 8' fenced with wire mesh fence and topped with at least one strand of barbed wire on three sides during drilling operations. The fourth side will be fenced when the rig moves off location.
- B. Drilling Fluids: Unlined reserve pit 75' x 150' x 8'. Reserve pit will be constructed to prevent the collection of surface runoff. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed.
- C. Produced Fluids:
  - 1) Recovered during drill-stem tests will be disposed of in a test tank.
  - 2) During completion operations, produced fluids will be contained in swab tanks.
  - 3) Water disposal will be provided in accordance with BLM regulations NTL-2B. All disposal pits will be constructed as per the NTL-2B regulations.
- D. Sewage: Sanitation holes 20-40' (will be filled) with minimum 4' of earth when rig is released and chemically treated or chemical toilets will be used.
- E. Garbage and Trash
  - 1) 8' x 25' x 4' trash cage completely enclosed with woven mesh wire.
  - 2) Engine oil and lubricants will be collected in steel containers.

F. Clean up of Wellsite Area after Rig is Removed.

1) Trash will be hauled to an approved sanitary landfill. Trash will not be burned.

2) All pits and wellsite will be covered, leveled and reseeded as per BLM instructions

8. Ancillary Facilities

None

9. Wellsite Layout

A. Cross Section: See Figures for elevations and cross sections.

B. Orientation of rig, pits and associated equipment. The reserve pit will be located as shown on the included surveyors plat.

C. Topsoil will be stockpiled as shown on the included surveyors plat.

D. Access Road, living facilities Parking area, etc. See Figure.

10. Plans for Restoration of Surface

A. All pits will be backfilled, leveled and contoured to as near the current condition as is practical within one year from the date of the well completion. The stockpiled topsoil will be evenly distributed over the disturbed area. Waste material will be hauled to an approved sanitary landfill.

B. Revegetation and rehabilitation of wellsite and access road: As per BLM requirements.

C. All pits will be fenced until dry and then backfilled.

D. If oil is present on the reserve pit, overhead flagging will be installed.

E. Rehabilitation will be commenced when the rig moves out with the location restored by September 30, 1990. Immediately upon well completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production. Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough left with a rough surface. Seed will be broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage. Also, if broadcast, the amount of seed will be proportionately (double the lbs/acre). An appropriate seed mixture will be determined by the BLM either as part of the Conditions of Approval of the APD or at the time restoration activities are scheduled to begin. At such time as the well is plugged and abandoned the operator will submit a surface reclamation plan to the Surface Management Agency for prescribed seed mixtures and reseeding requirements.

Rehabilitation will be completed by November 1, 1990, including vegetation.

**11. Surface Ownership**

- A. Access Road: Bureau of Land Management.
- B. Well Location: Bureau of Land Management

**12. Mineral Ownership**

Bureau of Land Management

**13. Other Information**

- A.
  - 1. Wellsite and access road are located in arid, hilly terrain.
  - 2. Soil is light brown sandy clay.
  - 3. Vegetation consists of native grasses
  - 4. The area is a natural habitat for wildlife
- B.
  - 1. The wellsite, existing and new access road are on BLM land
  - 2. Livestock were not grazing in the area when the wellsite was visited.
- C.
  - 1. Intermittent streams (i.e. flow during wet seasons of the year) do exist in the area.
  - 2. There are no occupied buildings within one mile of the proposed wellsite.
  - 3. Historical, cultural or archeological sites not apparent. An archeological survey has been conducted
- D.
  - 1. If an cultural values ar observed during construc-  
tion all work will stop and the BLM authorities will be notified.
- E. All equipment and vehicles will be confied to the access road right of way pad and areas specified in the APD.
- F. The opertor and his contractor shall contact the BLM office (801) 789-1362 between 24 and 48 hours prior to construction activities. Contact Book Cliff Resource Area.

**14. Lessee's or Operators Representative and Certification**

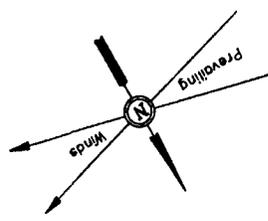
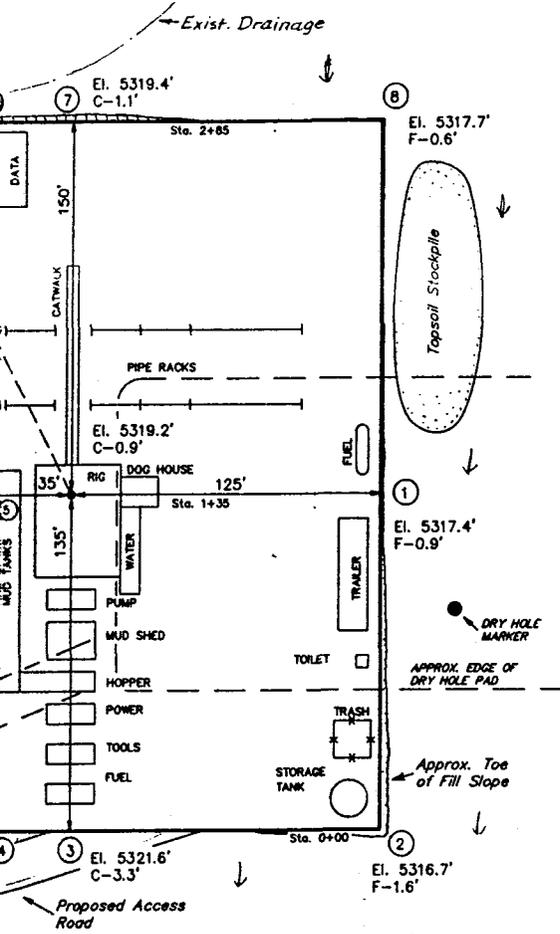
Gilmore Oil & Gas----- (915) 687-0408  
 110 N. Marienfeld, Suite 155  
 Midland, Texas 79701  
 William C. Gilmore

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

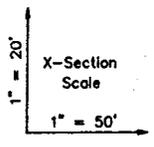
5-9-89  
 \_\_\_\_\_  
 Date

*William C. Gilmore*  
 \_\_\_\_\_  
 William C. Gilmore  
 Gilmore Oil & Gas

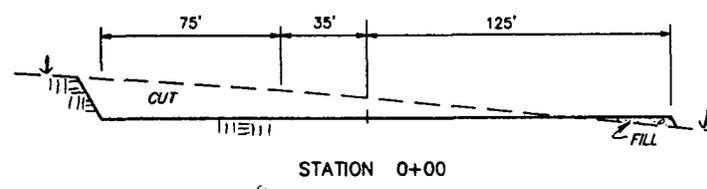
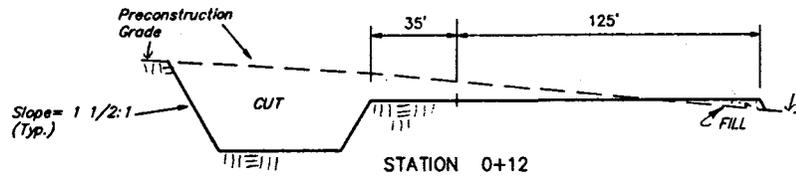
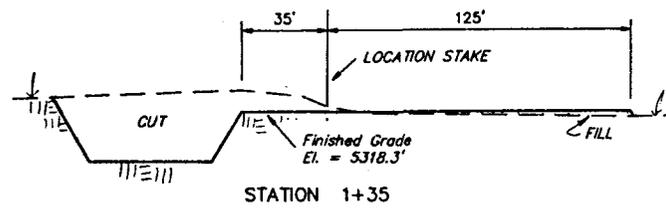
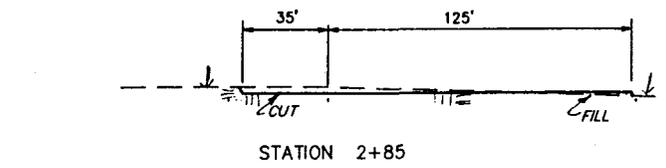
**GILMORE OIL & GAS**  
**LOCATION LAYOUT FOR**  
**FEDERAL 34 #1**  
**SECTION 34, T8S, R24E, S.L.B.&M.**



SCALE: 1" = 50'  
 DATE: 4-26-89

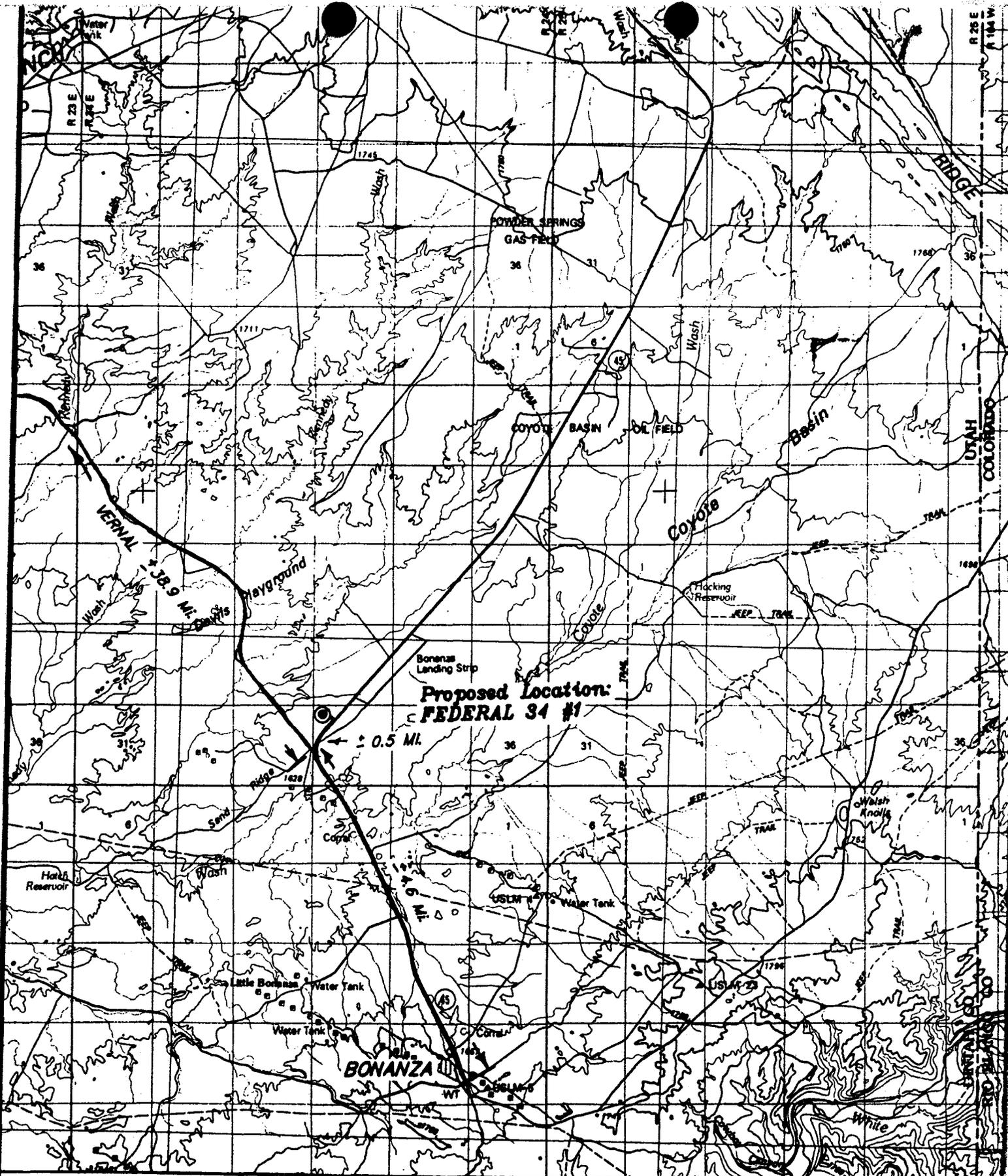


TYP. CROSS SECTIONS  
 TYP. LOCATION LAYOUT



Yds.	EXCESS MATERIAL AFTER 5% COMPACTION	= 6,083 Cu. Yds.
Yds.	Topsail & Pit Backfill (1/2 Pit Vol.)	= 2,341 Cu. Yds.
Yds.	EXCESS UNBALANCE (After Rehabilitation)	= 3,742 Cu. Yds.
CU.YDS.		
CU.YDS.		

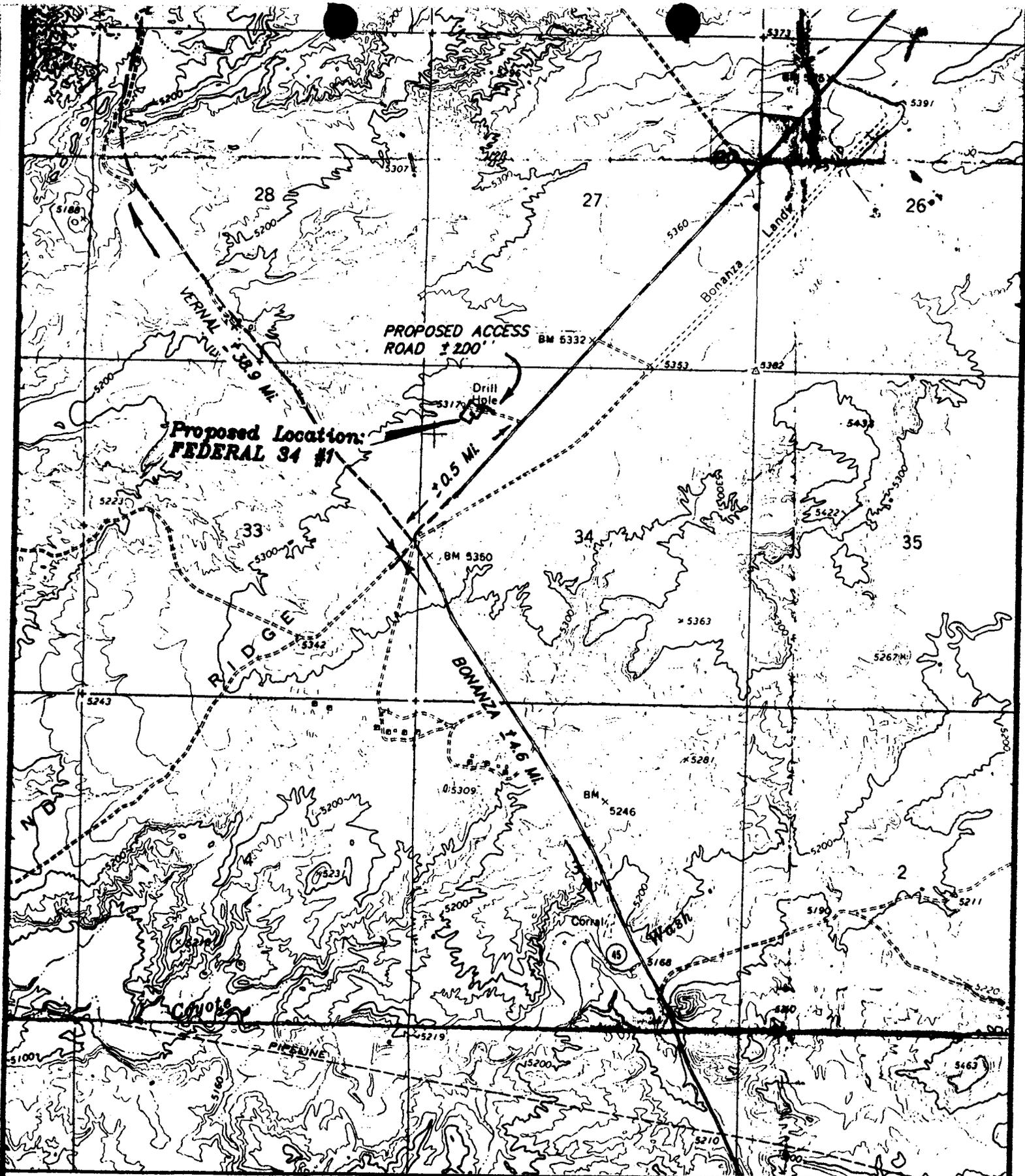
**UINTAH ENGINEERING & LAND SURVEYING**  
 P.O. Box 1768 Vernal, Utah



TOPOGRAPHIC  
MAP "A"



GILMORE OIL & GAS  
FEDERAL 34 #1  
SECTION 34, T8S, R24E, S.L.B.&M.



**TOPOGRAPHIC**  
**MAP "B"**  
 SCALE: 1" = 2000'



**GILMORE OIL & GAS**  
**FEDERAL 34 #1**  
**SECTION 34, T8S, R24E, S.L.B.&M.**

OPERATOR Gilmore Oil & Gas (N5680) DATE 5-16-89

WELL NAME Federal 34 #1

SEC NWNW 34 T 8S R 24E COUNTY Wintah

43-047-31862  
API NUMBER

Federal  
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well within 920'  
Need Water Permit

APPROVAL LETTER:

SPACING:  R615-2-3

N/A  
UNIT

R615-3-2

N/A  
CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

1. Water Permit



Norman H. Bangertter  
Governor  
Dee C. Hansen  
Executive Director  
Dianne R. Nielson, Ph.D.  
Division Director

# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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

May 22, 1989

Gilmore Oil & Gas  
110 North Marienfeld, Suite 155  
Midland, Texas 79701

Gentlemen:

Re: Federal 34 #1 - NW NW Sec. 34, T. 8S, R. 24E - Uintah County, Utah  
740' FNL, 778' FWL

Approval to drill the referenced well is hereby granted in accordance with Rule R615-3-2, 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.

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 43-047-31862.

Sincerely,



R. J. Birch  
Associate Director, Oil & Gas

lr  
Enclosures  
cc: Branch of Fluid Minerals  
D. R. Nielson  
WE14/1-2

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Bond # CC-51341

**RECEIVED**  
MAY 31 1989

APPLICATION FOR PERMIT **RECEIVED** 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  
Gilmore Oil & Gas

3. ADDRESS OF OPERATOR  
110 N. Marienfeld, Suite 155, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
At surface 778' FWL & 740' FNL  
At proposed prod. zone same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
40 miles SE of Vernal, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 740'

16. NO. OF ACRES IN LEASE 160

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

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

19. PROPOSED DEPTH 4,100'

20. ROTARY OR CABLE TOOLS Rotary- all

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,319' GL

22. APPROX. DATE WORK WILL START\* 5-20-89

5. LEASE DESIGNATION AND SERIAL NO.  
U-52767

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
na

7. UNIT AGREEMENT NAME  
na

8. FARM OR LEASE NAME  
Federal 34

9. WELL NO.  
#1

10. FIELD AND POOL, OR WILDCAT  
Undesignated

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 34, T8S, R24E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

43-047-31862

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"	24.0	300'	225 sx
7 7/8"	5 1/2"	15.5	4,100'	500± sx **

\*\* as determined by caliper log

It is proposed to drill a well at the above site. The primary zone of interest is the Green River Sand from 3,700' - 4,100'. If the zone of interest is present and appears to be productive, 5 1/2" casing will be run and cemented in place and the well completed. If the completion attempt does not find commercial production, the well will be plugged and abandoned and the location and road will be restored as per BLM instructions.

\* changes made per conversation between Entorismax W. Gilmore on 5/23/89

**RECEIVED**  
MAY 1989

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

24. SIGNED William C. Gilmore TITLE Owner DATE 5-9-89

(This space for Federal or State office use)

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

APPROVED BY Harold E. Teruya TITLE ACTING ASSISTANT DISTRICT MANAGER MINERALS DATE 5/25/89

**NOTICE OF APPROVAL**

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

\*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.

Div 06 & M

UT080-9M19

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Gilmore Oil and Gas Well No. Federal No. 34-1  
Location NW/NW, Sec. 34, T.8S., R.24E. Lease No. U-52767

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.

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

2. Pressure Control Equipment

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, with sufficient lead time, in order to have a BLM representative present while pressure testing.

3. Casing Program and Auxiliary Equipment

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

\* Surface casing shall have centralizers on every fourth joint of casing starting with the shoe joint and up to the bottom of the cellar.

\* Usable water may be encountered at depths of  $\pm$  150-500 ft. in the Uinta Formation and from  $\pm$  3397-3979 ft. in the Green River formation. The Mahogany oil shale and L1 oil shale have been identified from  $\pm$  2476-2587 ft. and  $\pm$  2654-2739 ft., respectfully. Therefore, the resources will 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 oil shale. If Gilsonite is encountered while drilling, it will need to be isolated and/or protected.

#### 4. Mud Program and Circulating Medium

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

#### 5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

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), or some other means acceptable to the Authorized Officer, shall be utilized to determine the top of cement (TOC) for the intermediate and production casing.

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

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

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

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

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

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

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

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 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

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

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

Pursuant to Onshore Oil and Gas Orders, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

#### 7. Other Information

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

All site security guidelines identified in Onshore Oil and Gas Order No. 3 regulations will be adhered to.

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

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

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place

prior to any deliveries. Tests for meter accuracy will be 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 API standards for liquid hydrocarbons and the AGA standard 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 work-over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

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

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."

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.

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 additional one (1) year approval 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

Revised October 1, 1985

Date NOS Received April 17, 1989

CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL

Company/Operator Gilmore Oil and Gas  
Well Name & Number 34-1  
Lease Number U-52767  
Location NW ¼ NW ¼ Sec. 34 T.8S. R.24E.  
Surface Ownership Public Lands Administered by the BLM

B. THIRTEEN POINT SURFACE USE PROGRAM:

Multipoint Requirements to Accompany APD

1. Planned Access Roads

Access roads and surface disturbing activities will conform to standards outlined in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. 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.

2. Methods for Handling Waste Disposal

The reserve pit shall not be lined.

Produced waste water will be confined to an unlined pit or, if deemed necessary, a storage tank for a period not to exceed 90 days after first production. During the 90-day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

Production facilities - More than one pit for produced water on production facilities must be justified.

3. Well Site Layout:

All pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed. Pits will be fenced and maintained until clean-up.

The fence will be constructed as prescribed in the U.S. Dept. of Interior (1978) Surface Operating Standards for Oil and Gas Development. Alternatives to the prescribed standards shall be submitted to the Authorized Officer for approval.

The reserve pit will be located as indicated on the layout diagram. A flare pit as shown on the layout diagram will also be utilized during drilling.

The stockpiled topsoil will be stored on the southwest of the location as shown.

Access to the well pad will be from the east using the same route as that indicated in the APD.

#### 4. Other Additional Information

A cultural resource clearance will be required before any construction begins on Federal and Indian lands.

If, during operations, any archaeological or historical sites, or any object of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites are to be suspended and the discovery reported promptly to the Surface Management Agency.

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, BIA, FS 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.

The operator or his contractor shall contact the BLM Office at (801) 789-1362 between 24 to 48 hours prior to construction activities. Contact the Bookcliffs Resource Area Minerals Supervisor.

*Waived* Drilling shall not begin between May 14 and June 21 because of pronghorn antelope habitat and the antelope kidding period.

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.)

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.

The dirt contractor will be provided with an approved copy of the Surface Use Plan from the APD.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operation.

May 24, 1989

Following a discussion last week with Wildlife Biologist Bill Stroh, and Area Manager Paul Andrews, it was decided that due to the proximity of the location to paved highways and to its relatively short access road, the construction restrictions regarding the period May 15 through June 20 for pronghorn kidding season could be waived at this particular location: wellsite No. 1, U-52767, NW NW, Section 34, T 8 S, R 24 E.

Wildlife Biologist

Willie E. Stroh

Bookcliffs Resource Area Manager

James K. Fiani Acting

# FILING FOR WATER IN THE STATE OF UTAH

Rec. by 938  
Fee Rec. 30.00  
Receipt # 24491  
Microfilmed \_\_\_\_\_  
Roll # \_\_\_\_\_

RECEIVED  
JUL 06 1988

## APPLICATION TO APPROPRIATE WATER

WATER RIGHTS  
SALT LAKE

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of Title 73, Chapter 3 of the Utah Code Annotated 1953, as amended.

### TEMPORARY

WATER USER CLAIM NO. 49 - 1446

APPLICATION NO. T63344

1. PRIORITY OF RIGHT: July 1, 1988

FILING DATE: July 1, 1988

2. OWNER INFORMATION

Name: Murray Water Service  
Address: 6620 East Highway 40, Jensen, UT 84035

3. QUANTITY OF WATER: 20.0 acre feet (Ac. Ft.)

4. SOURCE: White River DRAINAGE: SE Uinta Basin

COUNTY: Uintah

POINT(S) OF DIVERSION:

(1) N. 400 feet, W. 1850 feet, from the E $\frac{1}{4}$  Corner of Section 2,  
Township 10 S, Range 24 E, SLB&M  
Description of Diverting Works: Pump from river into trucks

COMMON DESCRIPTION:

5. NATURE AND PERIOD OF USE

Oil Exploration From July 1 to June 30.

6. PURPOSE AND EXTENT OF USE

Oil Exploratio: Oil well drilling and completion in the Coyote Basin Oil Field.

EXPLANATORY

43-047-31862 - Fed. 34 #1 - Gilmore Oil & Gas

\*\*\*\*\*

The applicant hereby acknowledges he/they are a citizen(s) of the United States or intends to become such a citizen.

\*\*\*\*\*

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described.

\*\*\*\*\*

The undersigned hereby acknowledges that even though he/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained therein, at the time of filing, rests with the applicant(s).

*Boyle M. ...*  
\_\_\_\_\_  
Signature of Applicant

RECEIVED

STATE ENGINEER'S ENDORSEMENT

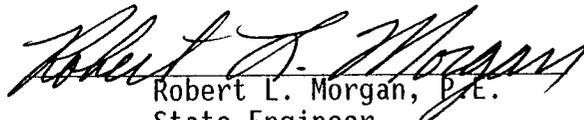
WATER RIGHT NUMBER: 49 - 1446

APPLICATION NO. T63344

1. July 1, 1988            Application received.
  2. July 1, 1988            Application designated for APPROVAL by RWL and KLJ.
  3. Comments:
- 
- 

Conditions:

This application is hereby APPROVED, dated July 15, 1988, subject to prior rights and this application will expire on July 15, 1989.

  
Robert L. Morgan, P.E.  
State Engineer

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STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
DRILLING AND WELL PLUGGING INSPECTION FORM

COMPANY: Gilmore Oil & Gas COMPANY MAN: N/A (turnkey)  
 WELL NAME: Federal 34 #1 API #: 43047-31862  
 QTR/QTR: NWNW SECTION: 34 TWP: 8 South RANGE: 24 East  
 CONTRACTOR: Olsen Rig No. 5 PUSHER/DRLR: Lester  
 INSPECTOR: Carol Kubly DATE: 6/8/89 OPERATIONS: Rigging up  
 SPUD DATE: Probably today TOTAL DEPTH: 0'

DRILLING AND COMPLETIONS

Y APD                      Y WELL SIGN                      Y BOPE                      Y RESERVE PIT  
Y FLARE PIT                      N BURN PIT                      N H2S                      N BLOOIE LINE  
Y SANITATION                      Y HOUSEKEEPING                      N VENTED/FLARED

PLUGGING AND ABANDONMENT

PRODUCING FM(S): \_\_\_\_\_

PLUGS:	TYPE/SIZE	INTERVAL
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

PERFORATIONS: \_\_\_\_\_

CASING SIZE: \_\_\_\_\_ PULLED: YES / NO CUT AT: \_\_\_\_\_

PLUGS TESTED: \_\_\_\_\_ HOW: \_\_\_\_\_ WOC: \_\_\_\_\_

MARKER: \_\_\_\_\_ SURFACE: \_\_\_\_\_ PLATE: \_\_\_\_\_

RECLAMATION:

CONTOURED: \_\_\_\_\_ RIPPED: \_\_\_\_\_ REHAB'D: \_\_\_\_\_

LEGEND: (Y)-YES (P)-PROBLEM (U)-UNKNOWN (BLANK)-NOT APPLICABLE

REMARKS: Rigging up. Hopefully they will spud tonight to set surface pipe, drill rat hole and mouse hole. Drilling will probably start next Monday or Sunday at the earliest. Reserve pit fenced and contains one to two truckloads of fresh water.

STATE OF UTAH  
 DIVISION OF OIL, GAS AND MINING  
 DRILLING AND WELL PLUGGING INSPECTION FORM

COMPANY: Gilmore Oil & Gas COMPANY MAN: NONE  
 WELL NAME: Fed 34 #1 API #: 43-047-31862  
 QTR/QTR: NWNW SECTION: 34 TWP: 8 South RANGE: 24 East  
 CONTRACTOR: Olsen Rig 5 PUSHER/DRLR: Lester  
 INSPECTOR: Carol Kubly DATE: 6/19/89 OPERATIONS: Just ran csg - cut off  
 SPUD DATE: 6/9/89 TOTAL DEPTH: 4059'

DRILLING AND COMPLETIONS

Y APD                    Y WELL SIGN            Y BOPE            Y RESERVE PIT  
Y FLARE PIT            n BURN PIT            n H2S            n BLOOIE LINE  
Y SANITATION          Y HOUSEKEEPING      n VENTED/FLARED

PLUGGING AND ABANDONMENT

PRODUCING FM(S): \_\_\_\_\_

PLUGS:	TYPE/SIZE	INTERVAL
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

PERFORATIONS: \_\_\_\_\_

CASING SIZE: \_\_\_\_\_ PULLED: YES / NO CUT AT: \_\_\_\_\_

PLUGS TESTED: \_\_\_\_\_ HOW: \_\_\_\_\_ WOC: \_\_\_\_\_

MARKER: SURFACE: \_\_\_\_\_ PLATE: \_\_\_\_\_

RECLAMATION:

CONTOURED: \_\_\_\_\_ RIPPED: \_\_\_\_\_ REHAB'D: \_\_\_\_\_

LEGEND: (Y)-YES (P)-PROBLEM (U)-UNKNOWN (BLANK)-NOT APPLICABLE

REMARKS: Just ran casing - getting ready to cut off. T.D. at 2045 hours  
6/17/89. Ran into a LCZ 1,740-50' Lost 2500 bbls mud and recovered  
almost all of it. Reserve pit fenced on 3 sides and 1/3 full.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API NO. 43-047-31862

NAME OF COMPANY: GILMORE OIL & GAS

WELL NAME: FEDERAL 34-1

SECTION NWNW 34 TOWNSHIP 8S RANGE 24E COUNTY UINTAH

DRILLING CONTRACTOR OLSEN

RIG # 5

SPUDDED: DATE 6/9/89

TIME 1:00 a.m.

How ROTARY

DRILLING WILL COMMENCE HAD TO CALL COMPANY FOR SPUD REPORT.

REPORTED BY MARJORIE

TELEPHONE #

DATE 6/21/89 SIGNED TAS

**RECEIVED**  
AUG 02 1989

OPERATOR Gilmore Oil & Gas  
ADDRESS 110 N. Marienfeld, Suite 155  
Midland, Texas 79701

OPERATOR ACCT. NO. N5680

ENTITY ACTION FORM - FORM 6

DIVISION OF

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	11001	43-047-3186	Federal "34" #1	NWNW	34	8S	24E	Uintah	6-9-89	
WELL 1 COMMENTS: <i>Federal lease Field undesignated Not in a Unit</i> <i>Proposed zone - BRN (Assign entity 11001 on 8-3-89 - Has its own tank battery) JCR</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)

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

*Margerie McQuerry*  
Signature  
Administration Manager 7-28-89  
Title Date  
Phone No. (915) 687-0408

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

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

4

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

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

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

2. NAME OF OPERATOR  
Gilmore Oil & Gas

3. ADDRESS OF OPERATOR  
110 N. Marienfeld, Suite 155, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State laws and regulations)  
At surface 778' FWL & 740' FNL  
At top prod. interval reported below same  
At total depth same

5. LEASE DESIGNATION AND SERIAL NO.  
U-52767

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

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
Federal "34"

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Undesignated

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Section 34 T8S-R24E

RECEIVED  
AUG 30 1989

14. PERMIT NO. 43-047-31862

12. COUNTY OR PARISH Uintah

13. STATE Utah

15. DATE SPUNDED 6-9-89

16. DATE T.D. REACHED 6-17-89

17. DATE COMPL. (Ready to prod.) 8-12-89

18. ELEVATIONS (OF, RES. RT, OR, ETC.)\* 5333 KB

19. ELEV. CASINGHEAD 5319

20. TOTAL DEPTH, MD & TVD 4,059'

21. PLUG. BACK T.D., MD & TVD 4,006'

22. IF MULTIPLE COMPL., HOW MANY\* single completion

23. INTERVALS DRILLED BY → all

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
Green River Sand, 3,865' - 71' & 3,930' - 36'

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
Compensated Density, Neutron, Cement Bond Log, Dual Ind. *mid*

27. WAS WELL CORDED 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"	24.0	309 KB (294' GL)	12 1/4"	200 sks, Circ. to Surface	None
5 1/2"	15.5	4,059' KB	7 7/8"	200 sks of HI-Fill & 110 sks of Thixotropic	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SCREEN (MD)	PACKER SET (MD)
None				None

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	3,851'	None

31. PERFORATION RECORD (Interval, size and number)

3,930-36', 2 SPF, 0.40" Dia, 12 Tot.  
3,865-71', 2 SPF, 0.40" Dia, 12 Tot.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3,930 - 36'	10 bbl 2% Kcl water
3,865 - 71'	250 gal. 15% Hcl acid & 30,600 gal gelled water with 60,300 lbs sand

33. PRODUCTION

DATE FIRST PRODUCTION 7-15-89

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping with 2" insert pump

WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
8-14-89	24	Open	→	55	24.75	-0-	450

FLOW. TUBING PRMS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)
Pumping	20	→	55	24.75	-0-	35

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

TEST WITNESSED BY Glade Holmes

35. LIST OF ATTACHMENTS  
Logs

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

SIGNED *William C. L...* TITLE Owner DATE 8-25-89

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

# INSTRUCTIONS

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

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

**Item 1:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 21 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in Item 22, and in Item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

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**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 RECOVERY

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.										
			<table border="1" style="margin: auto;"> <tr> <th colspan="2">OIL AND GAS</th> </tr> <tr> <td>DRN</td> <td>RJF</td> </tr> <tr> <td>JRB</td> <td>GLH</td> </tr> <tr> <td>DTS</td> <td>SLS</td> </tr> <tr> <td colspan="2" style="text-align: center;">                     1- TAS ✓                      2- MICROFILM ✓                      3- FILE ✓                 </td> </tr> </table> <p style="text-align: center;">A detailed mud log with sample description is attached. There were no DST's or cores taken on this well.</p>	OIL AND GAS		DRN	RJF	JRB	GLH	DTS	SLS	1- TAS ✓ 2- MICROFILM ✓ 3- FILE ✓	
OIL AND GAS													
DRN	RJF												
JRB	GLH												
DTS	SLS												
1- TAS ✓ 2- MICROFILM ✓ 3- FILE ✓													

**38.**

**GEOLOGIC MARKERS**

NAME	TOP
MEAS. DEPTH	TRUE VERT. DEPTH

# GILMORE OIL & GAS

110 N. MARIENFELD, SUITE 155 • ONE MARIENFELD PLACE • MIDLAND, TEXAS 79701 • (915) 687-0408 • FAX (915) 687-0400

September 20, 1989

State of Utah  
Division of Oil, Gas and Mining  
355 W. North Temple  
Suite 350  
Salt Lake City, Utah 84180

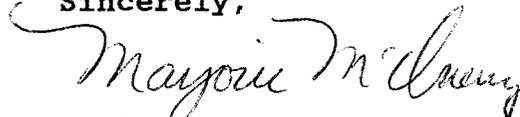
Attention: Arlene

Re: Federal 34-1  
Uintah County, Utah

Dear Arlene:

Enclosed as per our telephone conversation, please find the mud log for the above referenced property. I apologize for not including this originally with the well completion report. If you need anything further, please do not hesitate to call.

Sincerely,



Marjorie McQuerry

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-AWS	<input checked="" type="checkbox"/>
2-TAS	<input checked="" type="checkbox"/>
MICROFILM	
3-	FILE

RECEIVED  
SEP 22 1989

DIVISION OF  
OIL, GAS & MINING

Division of Oil, Gas and Mining  
**PHONE CONVERSATION DOCUMENTATION FORM**

Route original/copy to:

Well File Federal 34 #1

Suspense  
(Return Date) 10/13/89  
(To - Initials) AW/S

Other

(Location) Sec \_\_\_ Twp \_\_\_ Rng \_\_\_  
(API No.) \_\_\_\_\_

1. Date of Phone Call: 9/25/89 Time: 10:45

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

Name Majorie M<sup>c</sup>Querry (Initiated Call ) - Phone No. (915) 687-0408  
of (Company/Organization) Gilmore Oil & Gas

3. Topic of Conversation: Requested formation tops for WCR.

4. Highlights of Conversation: Will send in Amended WCR.

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

RECEIVED  
OCT 16 1989

5. LEASE DESIGNATION AND SERIAL NO.

U-52767

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Federal "34"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Sec. 34, T8S, R24E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY

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

2. NAME OF OPERATOR

Gilmore Oil & Gas

3. ADDRESS OF OPERATOR

110 N. Marienfeld, Suite 155 Midland, TX 79701

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

At surface 778' FWL & 740' FNL

At top prod. Interval reported below

At total depth Same

14. PERMIT NO. 43-047-31862 DATE ISSUED 5-22-89

15. DATE SPUNDED 6-9-89 16. DATE T.D. REACHED 6-17-89 17. DATE COMPL. (Ready to prod.) 8-12-89 18. ELEVATIONS (DF, RKB, BT, GR, ETC.)\* 5333KB 19. ELEV. CASINGHEAD 5319

20. TOTAL DEPTH, MD & TVD 4059' 21. PLUG. BACK T.D., MD & TVD 4006' 22. IF MULTIPLE COMPL., HOW MANY\* Single 23. INTERVALS DRILLED BY → 24. ROTARY TOOLS All 25. CABLE TOOLS None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* Green River Sand, 3865'-71' & 3930'-36' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Density, Neutron, Cement Bond, Dual Induction *mid* 27. WAS WELL CORRD. No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24.0	309' KB*	12 1/4"	200 SKS, Circ to surface	None
5 1/2"	15.5	4059' KB	7 7/8"	200 SKS, of Hi-fill & 110 SKS of Thixotropic	None
		*294' GL			

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2 7/8"	3851'	None

31. PERFORATION RECORD (Interval, size and number)

3930'-36, 2SPF, 0.40" dia, 12 total  
3865-71', 2SPF, 0.40" dia, 12 total

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3930-36'	10bbl 2%Kcl wtr
3865-71'	250 gal 15% Hcl acid & 30, 600 gal gelled wtr with 60, 300 lbs sand

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
7-15-89	Pumping w/2" insert pump	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-14-89	24	Open	→	55	24.75	0	450
FLOW. TUBING PRES.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
Pumping	20	→	55	24.75	0	35	

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

35. LIST OF ATTACHMENTS  
Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED William C. Gilmore TITLE Owner DATE 8-25-89

# INSTRUCTIONS

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

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

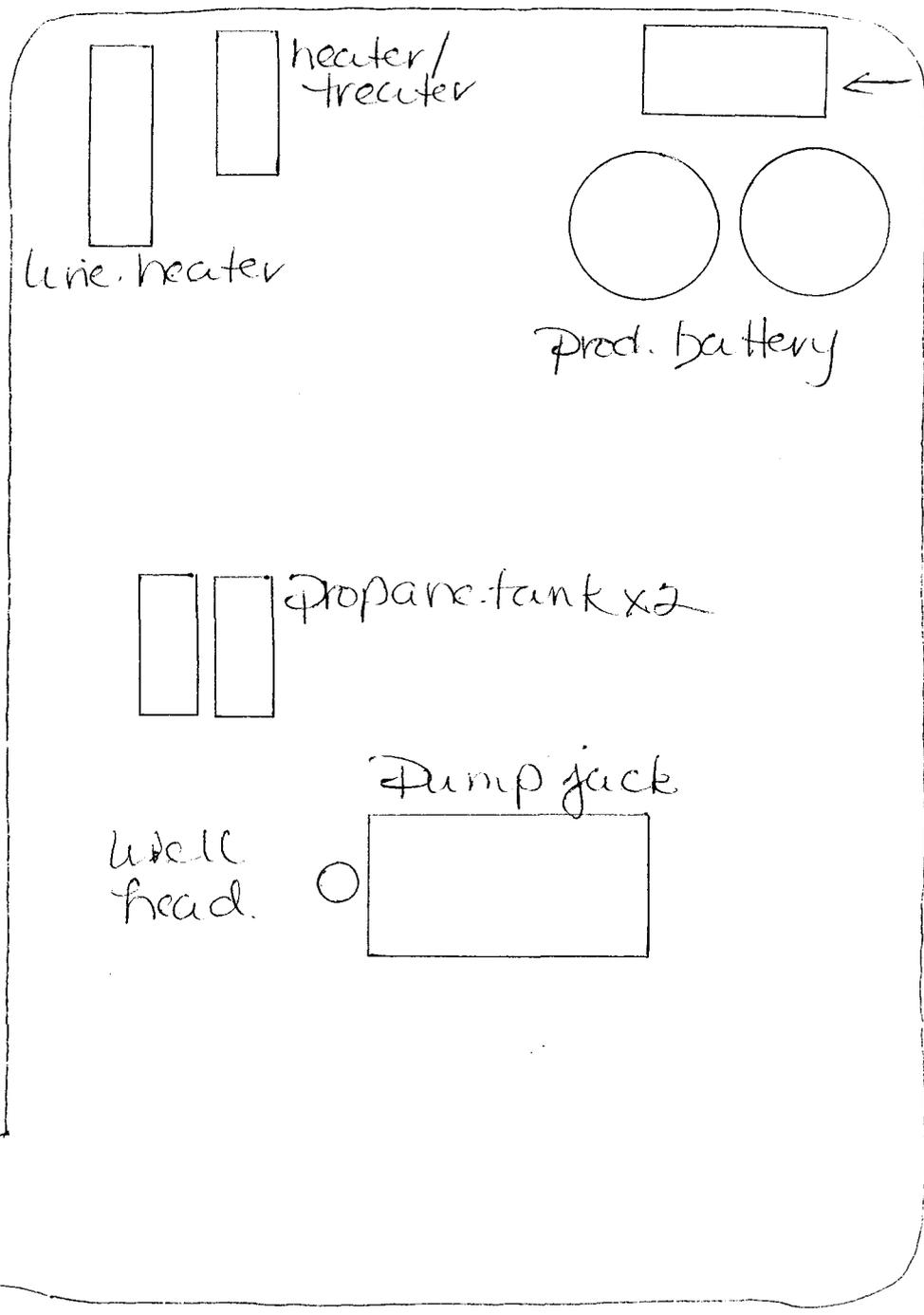
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FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.														
Uintah	Surface	694'	<table border="1" style="margin: auto;"> <tr><td colspan="2" style="text-align: center;">OIL AND GAS</td></tr> <tr><td>DRN</td><td>RJF</td></tr> <tr><td>JRB</td><td>GLH</td></tr> <tr><td>DTS</td><td>SLS</td></tr> <tr><td colspan="2" style="text-align: center;">1-TAS</td></tr> <tr><td>2-</td><td>MICROFILM</td></tr> <tr><td>3-</td><td>FILE</td></tr> </table>	OIL AND GAS		DRN	RJF	JRB	GLH	DTS	SLS	1-TAS		2-	MICROFILM	3-	FILE
OIL AND GAS																	
DRN	RJF																
JRB	GLH																
DTS	SLS																
1-TAS																	
2-	MICROFILM																
3-	FILE																
Green River	694'	2932'															
H-Horizon	2932'	3864'															
Raging Bull Sand	3864'	4055'															
Wasatch	4055'																
			<table border="1" style="width: 100%;"> <tr> <th style="width: 50%;">NAME</th> <th style="width: 25%;">NEAR. DEPTH</th> <th style="width: 25%;">TOP</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	NAME	NEAR. DEPTH	TOP											
NAME	NEAR. DEPTH	TOP															

Federal 34 #1 Sec 34, T830, R 24E Cuddy 10/30/89



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
OIL AND GAS INSPECTION RECORD

OPERATOR: GILMORE OIL AND GAS CO LEASE: U-52767  
WELL NAME: FEDERAL 34 #1 API: 43-047-31862  
SEC/TWP/RNG: 34 08.0 S 24.0 E CONTRACTOR:  
COUNTY: UINTAH FIELD NAME: UNDESIGNATED

DRILLING/COMPLETION/WORKOVER:

- APD	- WELL SIGN	- HOUSEKEEPING	- BOPE
- SAFETY	- POLLUTION CNTL	- SURFACE USE	- PITS
- OPERATIONS	- OTHER		

SHUT-IN \_ / TA \_:

- WELL SIGN	- HOUSEKEEPING	- EQUIPMENT *	- SAFETY
- OTHER			

ABANDONED:

- MARKER	- HOUSEKEEPING	- REHAB	- OTHER
----------	----------------	---------	---------

PRODUCTION:

Y WELL SIGN	Y HOUSEKEEPING	Y EQUIPMENT *	Y FACILITIES *
N METERING *	Y POLLUTION CNTL	Y PITS	N DISPOSAL
Y SECURITY	Y SAFETY	- OTHER	

GAS DISPOSITION:

N VENTED/FLARED	Y SOLD	Y LEASE USE
-----------------	--------	-------------

LEGEND: Y = YES/SATISFACTORY N = NO/UNSATISFACTORY A = NOT APPLICABLE

\*FACILITIES INSPECTED:

LOCATION, WELL HEAD, PUMP JACK, PROPANE TANK, HEATER/TREATER, PRODUCTION BATTER  
Y, EMERGENCY PIT X2

REMARKS:

POW - PITS FENCED AND OILY, TANKS SEALED

ACTION:

INSPECTOR: CAROL KUBLY

DATE: 03/30/90

# GILMORE OIL & GAS

110 N. MARIENFELD, SUITE 155 • ONE MARIENFELD PLACE • MIDLAND, TEXAS 79701 • (915) 687-0408 • FAX (915) 687-0400

July 18, 1990

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

RECEIVED  
JUL 20 1990

DIVISION OF  
OIL, GAS & MINING

Attention: Ms. Sandy Hunt

Re: Field Name Submittal  
T-8-S,R-24-E  
Uintah County, Utah

Dear Ms. Hunt:

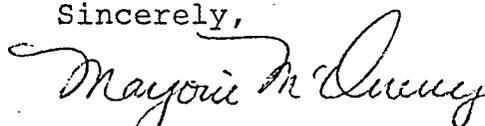
Please find this letter as our submittal for a field name designation for the following described wells that we have drilled in the above referenced Township-8-South, Range-24-East, Uintah County, Utah:

- |    |                                   |                     |      |
|----|-----------------------------------|---------------------|------|
| 1) | Federal #1-27: Section 27: SE SW  | <u>43-047-31817</u> | GRRV |
| 2) | Federal #34-1: Section 34: NW NW  | <u>43-047-31820</u> | POW  |
| 3) | Federal #27-2: Section 27: SE SE  | <u>43-047-31877</u> | "    |
| 4) | Federal #27-3: Section 27: SE SE  | <u>43-047-31890</u> | "    |
| 5) | Federal #34-2: Section 34: NE NW  | <u>43-047-31891</u> | "    |
| 6) | Racing Bull #1: Section 26: NE SW | <u>43-047-31344</u> | GRRV |

All of these wells produce from the Green River formation. We are in the developmental stage of this area and would like to submit to you that we name this field "North Bonanza Field".

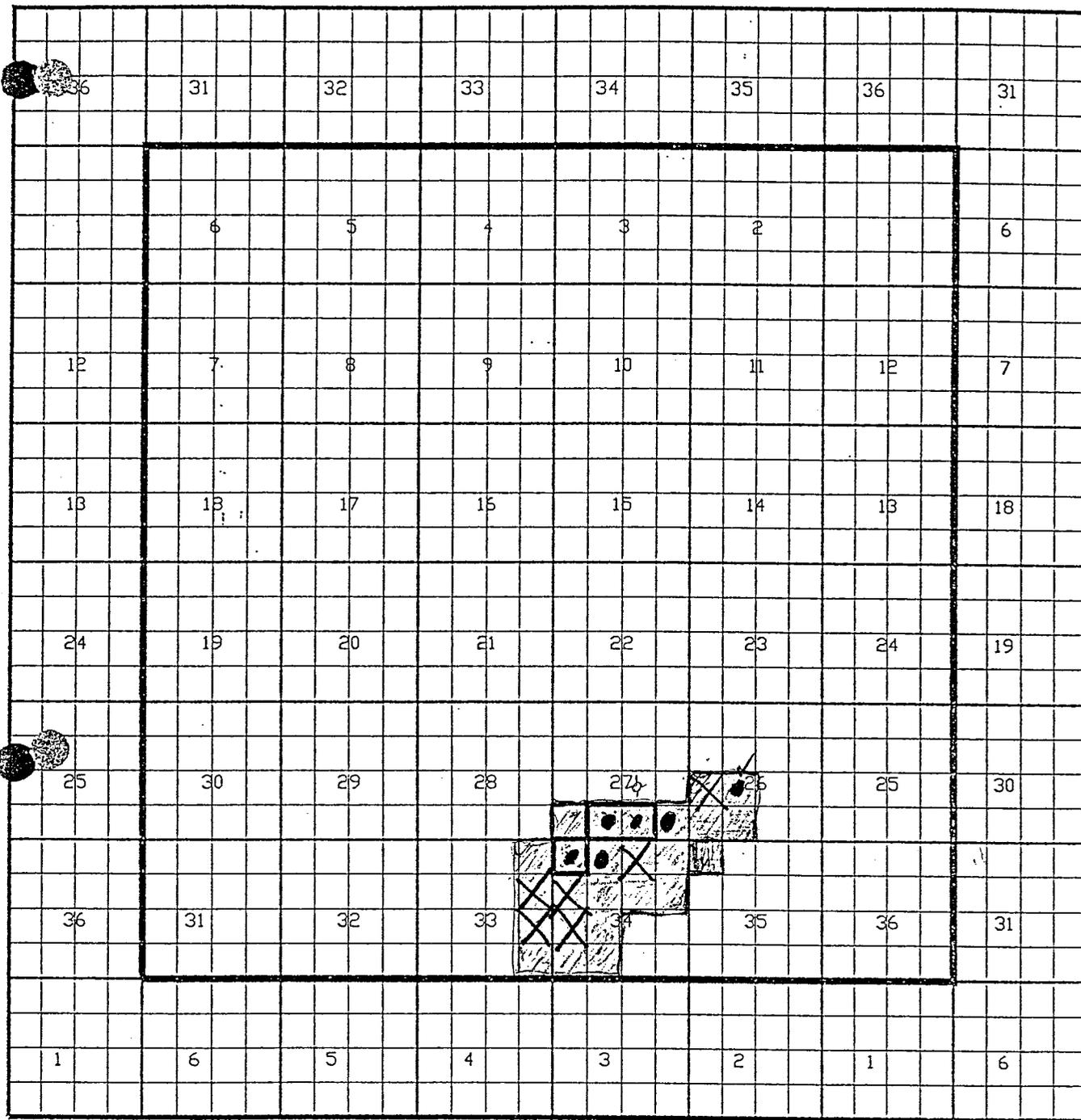
If you could place this on the docket for the October meeting we would be most appreciative. If you have any questions, please do not hesitate to contact the undersigned.

Sincerely,



Marjorie McQuerry

NORTH BONANZA



T. 8S

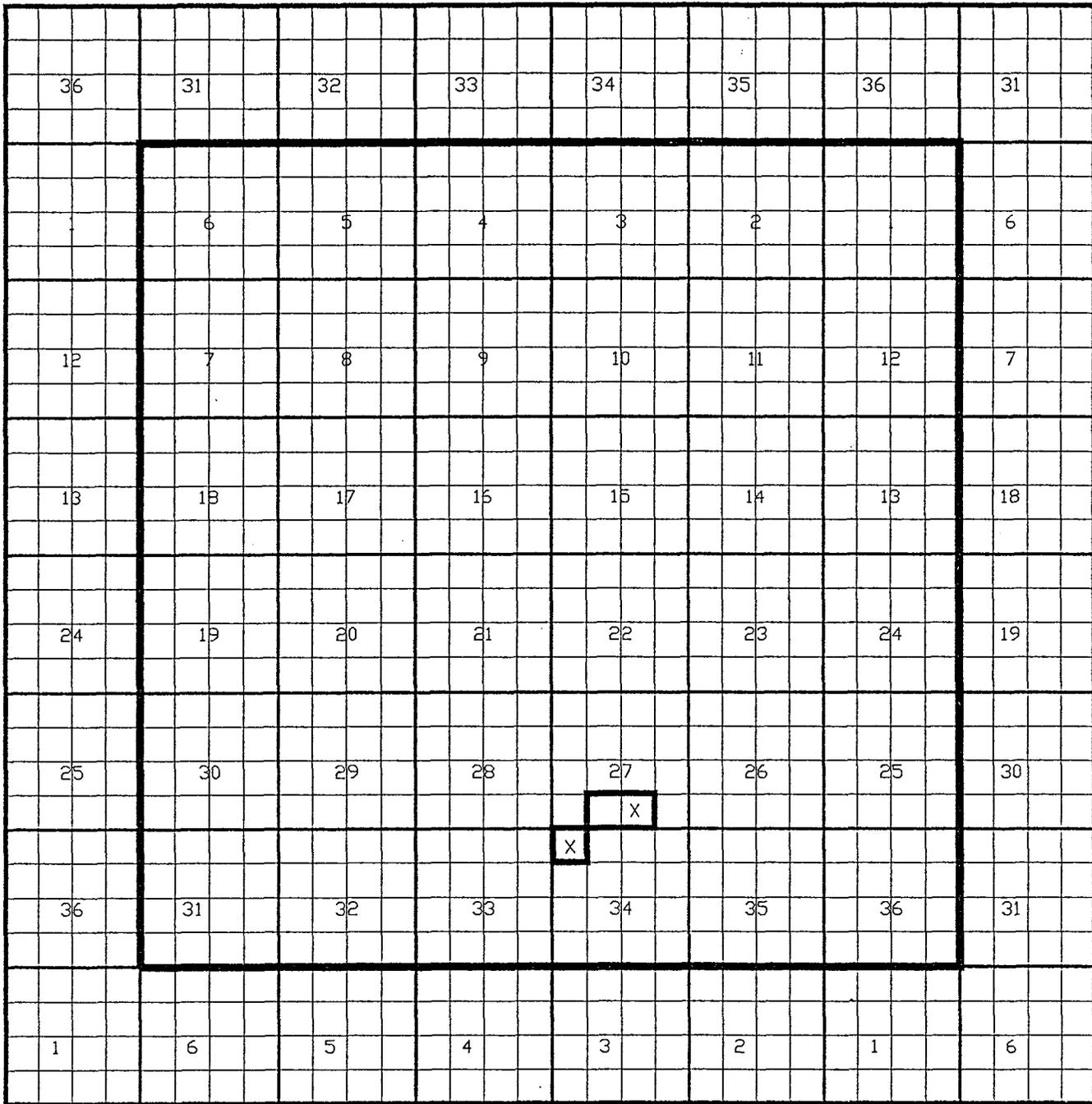
R. 24E

TOWNSHIP 8 SOUTH, RANGE 24 EAST - UINTAH COUNTY

SECTIONS 27: SE/4 SW/4, SW/4 SE/4

34: NW/4 NW/4

NORTH BONANZA



T. 8S

R. 24E

TOWNSHIP 8 SOUTH, RANGE 24 EAST - UINTAH COUNTY - 031

SECTIONS 27: SE/4 SW/4, SW/4 SE/4  
34: NW/4 NW/4

*Wilmore Oil (Gas) Tract 34#1  
43-047-31800*

APRIL 1990  
GREEN RIVER POOL

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

GILMORE OIL AND GAS CO  
 PO BOX 684729  
 AUSTIN TX 78768-4729

UTAH ACCOUNT NUMBER: N5680

REPORT PERIOD (MONTH/YEAR): 6 / 97

AMENDED REPORT  (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
RAGING BULL UNIT #1								
4304731344	09140	08S 24E 26	GRRV			441813		
FEDERAL 1-27								
4304731847	10914	08S 24E 27	GRRV			454928		
FEDERAL 34 #1								
4304731862	11001	08S 24E 34	GRRV			452767		
FEDERAL 34 #2								
4304731891	11001	08S 24E 34	GRRV			"		
FEDERAL 34-3								
4304731909	11001	08S 24E 34	GRRV			"		
FEDERAL 27 #2								
4304731877	11028	08S 24E 27	GRRV			452765		
FEDERAL 27 #3								
4304731890	11028	08S 24E 27	GRRV			"		
FEDERAL 26-1								
4304731905	11028	08S 24E 26	GRRV			"		
Q-T FEDERAL 34-1								
4304731907	11144	08S 24E 34	GRRV			458726		
FEDERAL 33-1								
4304731904	11164	08S 24E 33	GRRV			458725		
<b>TOTALS</b>								

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

\_\_\_\_\_

\_\_\_\_\_

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

Name and Signature: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

**COCHRANE RESOURCES, INC.**

Engineering  
Wellsite Supervision  
Lease Operating

P.O. Box 1656  
Roosevelt, Utah 84066  
Phone (801) 722-5081

June 23, 1997

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

Attn: Ed Forsman

Dear Sir:

Please be advised that Cochrane Resources, Inc is considered to be the operator of the following wells, and is responsible under the terms and conditions of the lease lands. Bond coverage is provided by Wells Fargo Bank in the form of a Book entry deposit to the Department of the Interior (Federal Bond #UT 0699).

This statement is submitted with the support of the Midland American Bank, Midland Texas, Attn: Carl Reiter, and Collins & Ware, Inc., Midland Texas, Attn: Ted Collins.

Raging Bull #1, NE, SW, Sec 26, Twp 8S, Rge 24 E, Lease #U52765, Uintah County, Utah.

Fed 26-1, NW, SW, Sec 26, Twp 8S, Rge 24E, Lease #U52765, Uintah County, Utah.

Fed 27-3, SE, SE, Sec 27, TWP 8S, Rge 24 E, Lease #U52765, Uintah County, Utah.

Fed 27-2, SW, SE, Sec 27, Twp 8S, Rge 24 E, Lease #U52763, Uintah County, Utah.

Fed 1-27, SE, SW, Sec 27, Twp 8S, Rge 24E, Lease #U54928, Uintah County, Utah.

Fed 34-2, NE, FW, Sec 34, Twp 8S, Rge 24 E, Lease #U52767, Uintah County, Utah.

Fed 34-1, NW, SW, Sec 34, Twp 8S, Rge 24 E, Lease #52767, Uintah County, Utah.

Fed 34-3, SW, NW, Sec 34, Twp 8S, Rge 24 E, Lease #52767, Uintah County, Utah.

OT Fed 34-1, NW, SW, Sec 34, Twp 89, Rge 24 E, Lease  
#58726, Uintah County, Utah.

Fed 33-1, NE, SE, Sec 33, Twp 85, Rge 24E, Lease  
#58726, Uintah County, Utah.

Please Advise if you have any questions.

Yours truly,



Ken Allen

Cochrane Resources, Inc.  
P.O. Box 1656  
Roosevelt, Utah 84066

Telephone 801-722-5081

Fax 801-722-4473

Date:

July 18 1997

To:

Lisha Cordova

801-359 3940

From:

Ken Allen

Pages: 2 more



# 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

July 10, 1997

Ken Allen  
Cochrane Resources, Inc.  
P O Box 1656  
Roosevelt, Utah 84066

Re: *43-047-31862*  
Federal 34-1  
NWNW, Sec. 34, T8S, ~~R17E~~ *24E*  
Lease U-52767  
Uintah County, Utah

Dear Mr. Allen:

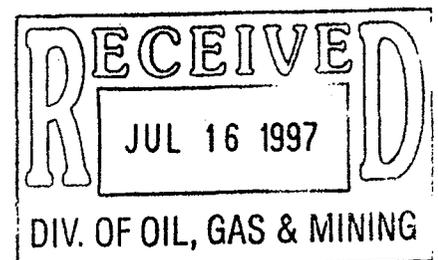
This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Cochrane Resources, Inc. is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0699, 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 Field Manager  
Minerals Resources

cc: Gilmore Oil & Gas, Inc.  
Utah Division Oil, Gas & Mining  
Ted Collins Jr.  
Herbert E Ware Jr.  
Costilla Energy Inc.



**OPERATOR CHANGE WORKSHEET**

Routing	
1-LHC ✓	6-FILE ✓
2-GLH ✓	7-KAS ✓
3-DTS ✓	8-SI ✓
4-VLD ✓	9-FILE ✓
5-JRB ✓	

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: 7-10-97

<b>TO:</b> (new operator)	<u>COCHRANE RESOURCES INC</u>	<b>FROM:</b> (old operator)	<u>GILMORE OIL AND GAS CO</u>
(address)	<u>PO BOX 1656</u>	(address)	<u>PO BOX 684729</u>
	<u>ROOSEVELT UT 84066</u>		<u>AUSTIN TX 78768-4729</u>
	<u>KEN ALLEN</u>		
Phone:	<u>(801)722-5081</u>	Phone:	<u>(512)469-9680</u>
Account no.	<u>N7015</u>	Account no.	<u>N5680</u>

**WELL(S)** attach additional page if needed:

Name:	<b>**SEE ATTACHED**</b>	API:	<u>43-047-31868</u>	Entity:	_____	S	_____	T	_____	R	_____	Lease:	_____
Name:	_____	API:	_____	Entity:	_____	S	_____	T	_____	R	_____	Lease:	_____
Name:	_____	API:	_____	Entity:	_____	S	_____	T	_____	R	_____	Lease:	_____
Name:	_____	API:	_____	Entity:	_____	S	_____	T	_____	R	_____	Lease:	_____
Name:	_____	API:	_____	Entity:	_____	S	_____	T	_____	R	_____	Lease:	_____
Name:	_____	API:	_____	Entity:	_____	S	_____	T	_____	R	_____	Lease:	_____
Name:	_____	API:	_____	Entity:	_____	S	_____	T	_____	R	_____	Lease:	_____

**OPERATOR CHANGE DOCUMENTATION**

- N/A 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Reg. 7-17-97) \* See Comments.*
- See 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Reg. 7-17-97) (rec'd 7-18-97)*
- N/A/See 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: \_\_\_\_\_
- See 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.
- See 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(7-18-97)*
- See 6. **Cardex** file has been updated for each well listed above. *(7-18-97)*
- See 7. Well file labels have been updated for each well listed above. *(7-18-97)*
- See 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. *(7-18-97)*
- 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**

- Sec* 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* 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- Sec* 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* 1. Copies of documents have been sent on Dec 7/30/97 to \_\_\_\_\_ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A* 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_ 19 \_\_, of their responsibility to notify all interest owners of this change.

**FILMING**

- W* 1. All attachments to this form have been microfilmed. Today's date: 8.8.97.

**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**

970717 BLM/Vernal Gov. 7-10-97.  
970728 Gilmore O & B - Legal Issue Pending; will not resign as operator as of yet. Advised to send follow-up doc. to BLM/Vernal and Dation when settled. As of 7-10-97 recognized operator Cochran Resources.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
DRILLING AND WELL PLUGGING INSPECTION FORM

COMPANY: GILMORE OIL & GAS COMPANY MAN: BILL GILMORE

WELL NAME: FEDERAL 34-1 API NO.: 4304731862

QTR/QTR: NWNW SECTION: 34 TWP: 08 SOUTH RANGE: 24 EAST

CONTRACTOR: \_\_\_\_\_ PUSHER/DRLR: \_\_\_\_\_

INSPECTOR: CAROL KUBLY DATE: 10/30/89 OPERATIONS: POW

SPUD DATE: 06/09/89 TOTAL DEPTH: 4059'

DRILLING AND COMPLETIONS

N APD  Y WELL SIGN  N BOPE  N RESERVE PIT  
 N FLARE PIT  N BURN PIT  N H2S  N BLOOIE LINE  
 N SANITATION  Y HOUSEKEEPING  N VENTED/FLARED

PLUGGING AND ABANDONMENT

PRODUCING FM(S): \_\_\_\_\_

PLUGS:	TYPE/SIZE	INTERVAL
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

PERFORATIONS: \_\_\_\_\_

CASING SIZE: \_\_\_\_\_ PULLED: YES / NO CUT AT: \_\_\_\_\_

PLUGS TESTED: \_\_\_\_\_ HOW: \_\_\_\_\_ WOC: \_\_\_\_\_

MARKER: \_\_\_\_\_ SURFACE: \_\_\_\_\_ PLATE: \_\_\_\_\_

RECLAMATION

CONTOURED: \_\_\_\_\_ RIPPED: \_\_\_\_\_ REHAB'D: \_\_\_\_\_

LEGEND: (Y)- YES (P)- PROBLEM (U)- UNKNOWN (BLANK)- NOT APPLICABLE

REMARKS: NEW COMPLETION - POW - LOCATION, WELL HEAD, HEATER/TREATER  
LINE HEATER, PRODUCTION BATTERY, PROPANE TANK X2, EMERGENCY PIT IS  
FENCED AND SLIGHTLY OILY, TANKS SEALED. SITE-DIAGRAM DONE.



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410  
<http://www.blm.gov/utah/vernal>



IN REPLY REFER TO:

3162.3

UT08300

June 8, 2004

William Gilmore  
Weststar Exploration Company  
811 Rusk, Suite 708  
Houston, Texas 77002

Re: Well No. Federal 34 No. 1  
NWNW, Sec. 34, T8S, R24E  
Uintah County, Utah  
Lease No. UTU-52767

Dear Mr. Gilmore:

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, Weststar Exploration Co. is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UTB000101, for all operations conducted on the referenced well on the leased land.

Our records show that a right-of-way, UTU-65139, has been issued for the off lease portion of the pipeline to the subject well. In order for Weststar Exploration Co. to obtain the Bureau of Land Management's approval for the use of this right-of-way, you must have this right-of-way assigned over to Weststar Exploration Co. Please contact Cindy McKee at 435-781-4434 for instructions on how to complete the assignment of the right-of-way.

If you have any other questions concerning this matter, please contact Leslie Walker of this office at (435) 781-4497.

Sincerely,

Howard B. Cleavinger II  
Assistant Field Manager  
Minerals Resources

cc: UDOGM  
Ted Collins Jr.  
Herbert W. Ware Jr.

RECEIVED  
JUN 28 2004  
DIV. OF OIL, GAS & MINING

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER:
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:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: Cochrane Resources, Inc. <span style="float: right; margin-right: 50px;">N7015</span>		8. WELL NAME and NUMBER:
3. ADDRESS OF OPERATOR: PO Box 1656 CITY Roosevelt, Utah STATE ZIP 84066		9. API NUMBER:
PHONE NUMBER: (435) 722-5081		10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: <b>Unitah</b>		
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: <b>UTAH</b>		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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.  
Cochrane Resources has been replaced as operator by Westar Exploration on the following wells:

Raging Bull Unit 1	4304731344 09140	Sec 26 R08S 24E
Federal 1-27	4304731847 10914	Sec 27 R08S 24E
Federal 34-1	4304731862 11001	Sec 34 R08S 24E
Federal 34-2	4304731891 11001	Sec 34 R08S 24E
Federal 34-3	4304731909 11001	Sec 34 R08S 24E
Federal 27-2	4304731877 11028	Sec 27 R08S 24E
Federal 27-3	4304731890 11028	Sec 27 R08S 24E
Federal 26-1	4304731905 11028	Sec 26 R08S 24E
Q-T Federal 34-1	4304731907 11144	Sec 34 R08S 24E
Federal 33-1	4304731904 11164	Sec 33 R08S 24E

Effective date June 8, 2004. T/D

NAME (PLEASE PRINT) <u>Debbie Allen</u>	TITLE <u>Agent</u>
SIGNATURE <u></u>	DATE <u>6/30/2004</u>

(This space for State use only)

RECEIVED  
JUL 01 2004  
DIV. OF OIL, GAS & MINING

# Weststar Exploration Company

811 Rusk, Suite 708

Houston, Texas 77002

Phone: (713) 223-5837 FAX: (713) 933-0261

*N 2655*

## Well Descriptions

(All Wells located in T8S - R24E, Uintah County, Utah)

<u>Well Name</u>	<u>Well #</u>	<u>Location</u>	<u>BLM Lease No.</u>	<u>API Number</u>
Federal 27	1	SESW, Sec 27	UTU-54928	43-047-3184700S1
Federal 27	2	SWSE, Sec. 27	UTU-52765	43-047-3187700S1
Federal 27	3	SESE, Sec. 27	UTU-52765	43-047-3189000S1
Federal 26	1	NWSW, Sec. 26	UTU-52765	43-047-3190500S1
Raging Bull	1	NESW, Sec. 26	UTU-41813	43-047-3134400S1
Federal 34	1	NWNW, Sec. 34	UTU-52767	43-047-3186200S1
Federal 34	2	NENW, Sec. 34	UTU-52767	43-047-3189100S1
Federal 34	3	SWNW, Sec. 34	UTU-52767	43-047-3190900S1
Federal QT 34	1	NWSW, Sec. 34	UTU-58726	43-047-3190700S1
Federal 33	1	NESE, Sec. 33	UTU-58725	43-047-3190400S1

June, 2004

*10*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OM B No. 1004-0137  
Expires: March 31, 2007

**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 reverse side.**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator **Weststar Exploration Company**

3a. Address  
**811 Rusk, Suite 708, Houston, TX 77002**

3b. Phone No. (include area code)  
**713/223-5837**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**778' FWL & 740' FNL(NWNW), Sec. 34, T8S-R24E**

5. Lease Serial No.  
**U-52767    U-52767**

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

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

8. Well Name and No  
**Federal 34 No. 1**

9. API Well No.  
**43-047-31862**

10. Field and Pool, or Exploratory Area  
**North Bonanza Field**

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			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Change of Operator</b>
	<input type="checkbox"/> Change Plans	<input 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	

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 recomplate 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 site is ready for final inspection.)

Please be advised that Weststar Exploration Company is considered to be the operator of the well know as the Federal 34 No. 1; NWNW, Section 34, Township 8 South - Range 24 East, Uintah County, Utah. The company is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by a \$25,000 cash Statewide Bond No. - UTB000101 that was approved March 29, 2004, a copy of which is attached to this notice.

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

**William Gilmore**

Title **Agent**

Signature

*William Gilmore*

Date

**5-14-04**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

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.

**Assistant Field Manager**  
**Liberal Resources**

Date

**06/08/2004**

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.

(Instructions on page 2)

**RECEIVED**

**JUL 28 2004**

OPERATOR

DIV. OF OIL, GAS & MINING



6. (R649-9-2)Waste Management Plan has been received on: \_\_\_\_\_

7. **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 6/8/2004 BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **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: n/a

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 7/28/2004

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/28/2004

3. Bond information entered in RBDMS on: n/a

4. Fee/State wells attached to bond in RBDMS on: n/a

5. Injection Projects to new operator in RBDMS on: n/a

6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: n/a

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UTB000101

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: n/a

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_