

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.
U-43383

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
federal

9. WELL NO.
Federal Altrogg #2

10. FIELD AND POOL, OR WILDCAT
wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
S 5. T21S. R24E SLM&B

12. COUNTY OR PARISH 13. STATE
Grand Utah

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
Walter D. Broadhead

3. ADDRESS OF OPERATOR
1645 No. 7th. St. Grand Jct., Colo...81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
South 500 feet fnl and west 2440 feet FEL
At proposed prod. zone of Section 5, T21S. R24E, SLB&M

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Four miles Northeast of Cisco, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
16. NO. OF ACRES IN LEASE
800.32

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
19. PROPOSED DEPTH
500'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 4436

17. NO. OF ACRES ASSIGNED TO THIS WELL

20. ROTARY OR CABLE TOOLS
rotary

22. APPROX. DATE WORK WILL START*
June 15, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 5/8	7"	17 lb.	100'	circulate cement to surface
6 1/4	4 1/2"	9 1/2 lb.	TD	100 SX Cement

EXHIBITS ATTACHED:

- A Location and elevation plat
- B Ten-point compliance program
- C Blowout preventor diagram
- D Multi-point requirements for APD
- E Route and distance road map
- F Access road and radius map of wells in area
- G Drill pad layout
- H Drill rig layout
- I Production facility layout

RECEIVED
JUN 23 1982
DIVISION OF
OIL, GAS & MINING

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

24. SIGNED Walter D. Broadhead TITLE Operator DATE June 21, 1982

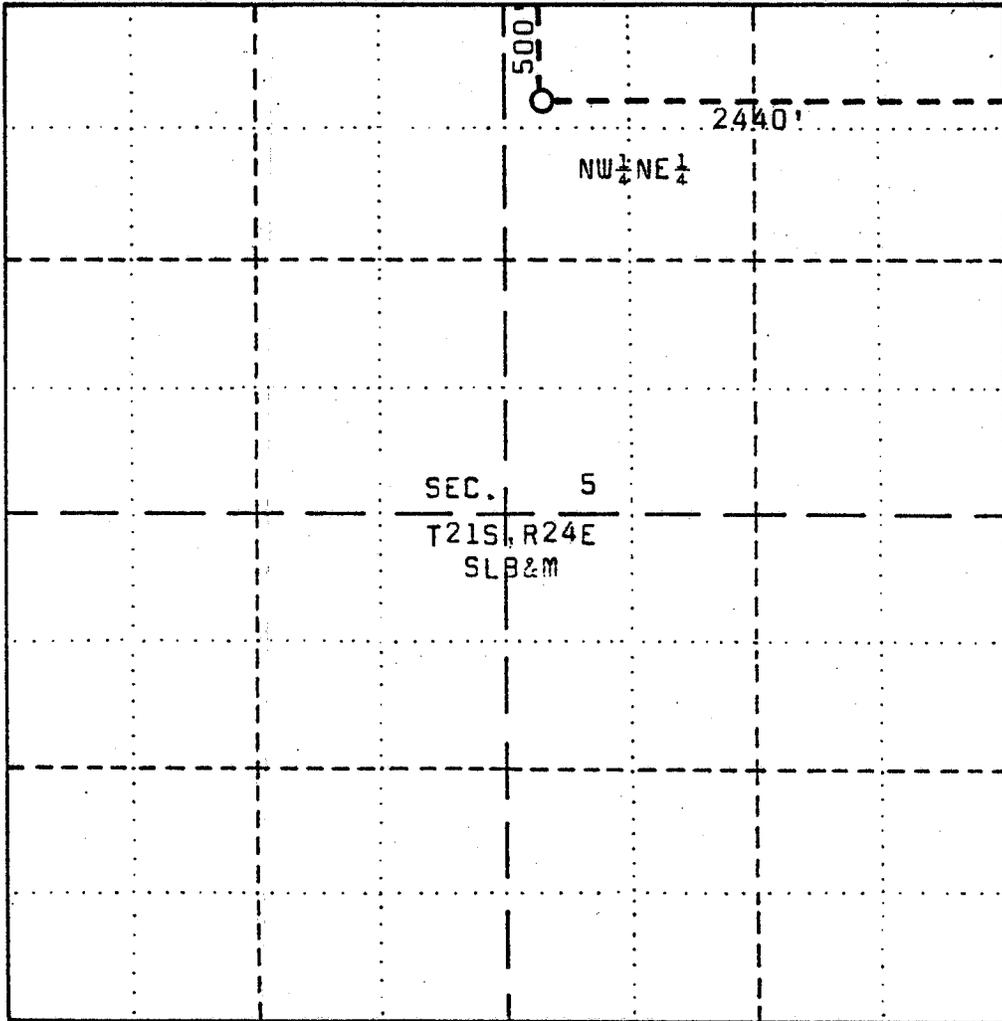
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

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

*See Instructions On Reverse Side
DATE: _____
BY: _____

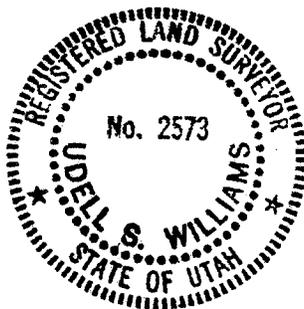


FED. ALTROGG #2

Located South 500 feet from the North boundary and West 2440 feet from the East boundary of Section 5, T21S, R24E, SLB&M.

Elev. 4436

Grand County, Utah



SURVEYOR'S 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

Udell S. Williams
UTAH R.L.S. NO. 2573



UDELL S. WILLIAMS
751 Rood Avenue
GRAND JUNCTION, COLORADO 81501

PLAT OF
PROPOSED LOCATION

FED. ALTROGG #2
NW $\frac{1}{4}$ NE $\frac{1}{4}$ SECTION 5
T21S, R24E, SLB&M

SURVEYED BY: USW DATE: 3/24/82
DRAWN BY: USW DATE: 3/25/82

MINERALS MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED

Identification No. 283-82

JUN 8 1982

SALT LAKE CITY, UTAH

United States Department of the Interior
Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104-3884

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Walter Broadhead
Project Type Oil & Gas well Development
Project Location 500 FNL 2540 FEL 5005 TRIS R241E
Well No. Fed-Altway #2 Lease No. U-43383
Date Project Submitted 5-5-82

FIELD INSPECTION

Date 5-25-82

Field Inspection
Participants

Craig Hansen mms-urnac
Paul Brown Blm-moab
Walter Broadhead-operator

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

6-1-82
Date Prepared

Craig Hansen
Environmental Scientist

I concur

JUN 08 1982
Date

W.D. Martin
District Supervisor

FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement

Recommended Specifications for Water Treatment # Federal Allow #2.

1. move location 100' west, to reduce
Cut and fill. And rotate 90° to
right to accommodate Rip
2. production facilities will be
Painted a color to blend in with
The natural Surroundings.
3. production facilities will
be placed on the East Edge
of the location and bermed
to protect spills.
4. Blotch lines will be used to
reduce visual Drilling effects from
The Interstate highway north
of the location.
5. water will be obtained from
Cottonwood Creek. north of the
location
6. road will be upgraded if production
Occurs.

UNITED STATES DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT
UTAH STATE OFFICE

WILDERNESS PROTECTION STIPULATION

By accepting this lease, the lessee acknowledges that the lands contained in this lease are being inventoried or evaluated for their wilderness potential by the Bureau of Land Management under section 603 of the Federal Land Policy and Management Act of 1976, 90 Stat. 2743, 2785 (43 U.S.C. Sec. 1782).

Until the BLM determines that the lands covered by this lease do not meet the criteria for a wilderness study area as set forth in section 603, or until Congress decides against the designation of lands included within this lease as "wilderness," the following conditions apply to this lease, and override every other provision of this lease which could be considered as inconsistent with them and which deal with operations and rights of the lessee:

1. Any oil or gas activity conducted on the leasehold for which a surface use plan is not required under NTL-6 (for example; geophysical and seismic operations) may be conducted only after the lessee first secures the consent of the BLM. Such consent shall be given if BLM determines that the impact caused by the activity will not impair the area's wilderness characteristics.
2. Any oil and gas exploratory or development activity conducted on the leasehold which is included within a surface use plan under NTL-6 is subject to regulation (which may include no occupancy of the surface) or, if necessary, disapproval until the final determination is made by Congress to either designate the area as wilderness or remove the section 603 restrictions.

If all or any part of the area included within the leasehold estate is formally designated by Congress as wilderness, oil and gas exploration and development operations taking place or to take place on that part of the lease shall become subject to the provisions of the Wilderness Act of 1964 which apply to national forest wilderness areas, 16 U.S.C. Sec. 1131 et seq., as amended, the Act of Congress designating the land as wilderness, and Interior Department regulations and policies pertaining thereto.



United States Department of the Interior

IN REPLY REFER TO

3109
(U-068)

BUREAU OF LAND MANAGEMENT

Moab District
Grand Resource Area
P.O. Box M
Moab, Utah 84532

Memorandum

JUN 04 1982

To: Oil & Gas Office, Minerals Management Service
P.O. Box 1037
Vernal, Utah 84078

From: Area Manager, Grand

Subject: Permit to Drill (APD)
Altrogg #2, U-43383
Section 5, T. 21 S., R. 24 E.
Grand County, Utah

On May 25, 1982 a representative from this office met with Cody Hansen, Minerals Management Service (MMS), and Walter Broadhead, for an inspection of the above referenced location. Subject to the attached conditions and written approval from MMS, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

Please forward the enclosed information to Walter D. Broadhead.

ACTING *Gregg R. Jansen*

Enclosures (3)

- 1-Reclamation Procedures
- 2-Seed Mixture
- 3-Suggested Colors - Productions Facilities



ADDITIONS TO THE MULTIPOINT
SURFACE USE PLAN
AND
RECLAMATION PROCEDURES

CONSTRUCTION:

- 1). The operator or his contractor will contact the Grand Resource Area Office in Moab, Utah (phone (801) 259-6111) 48 hours prior to beginning any work on public land.
- 2). The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.
- 3). Use of water from sources such as wells, springs, streams or stock ponds for activities associated with this well will be approved, prior to use, by the agency or individual holding the water right.
- 4). If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the Grand Resource Area Office will be contacted. All employees working in the area will be informed by the operator that they will be subject to prosecution if they are caught disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will only be done if damage occurs.
- 5). Improvement to the existing road will be necessary only if location is a producer. If so, the existing road will be upgraded to 16 feet travel surface.

Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

Surfacing material will not be placed on the access road or location without prior BLM approval.

- 6). Location: Satisfactory as planned with following changes: Move 100 feet to west to reduce cut and fill, and rotate to right 90 degrees.
- 7). The top 4 inches of soil material will be removed from the location and stockpiled on the south side of the location. Topsoil will be reserved in place.
- 8). The reserve pit will not be lined with commercial bentonite or plastic sufficient. Keyway. The reserve pit banks will be 1.5 to 2.0 feet above pad and constructed in 8" lifts, machinery compacted, and sufficiently wide for equipment to pass over.
- 9). Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying. The fence will be 36 inch woven wire.

PRODUCTION

1. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed in the methods described in the rehabilitation section. All of the stockpiled topsoil will be used in reclaiming the unused areas.
2. All above-ground production facilities will be painted using the attached suggested colors.
3. The access will be to the design of a class III road.

REHABILITATION

1. Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be disposed of in the trash cage. Non-burnable debris will be hauled to a local town dump site.
2. The operator or his contractor will contact the Grand Resource Area BLM Office in Moab, Utah, phone (801) 259-6111, 48 hours prior to starting rehabilitation work that involves earthmoving equipment and upon completion of restoration measures.
3. Before any dirt work to restore the location takes place, the reserve pit must be completely dry and any trash (barrels, metal etc.) it contains must be removed from public lands.
4. All disturbed areas will be recontoured to blend as nearly as possible with the surrounding area.
5. The stockpiled topsoil will be evenly distributed over the disturbed area.
6. The disturbed areas will be scarified with the contour to a depth of 6 inches. Do not smooth pads out, leave a roughened surface.
7. Seed will be (broadcast/drilled) at a time to be specified by the BLM with the following seed prescription. When broadcast seeding, a harrow or some such implement will be dragged over the seeded area to assure seed cover.
8. Waterbars will be used on all sloping surfaces as shown below:

<u>Grade</u>	<u>Spacing</u>
2%	200 feet spacing
2-4%	100 feet spacing
4-5%	75 feet spacing
+5%	50 feet spacing

SEED MIXTURE

<u>Species</u>		<u>Rate</u>
<u>Grasses</u>		<u>lbs./acre</u>
Hilaria jamesii	Galleta (Curlygrass)	1
Oryzopsis hymenoides	Indian ricegrass	1
<u>Forbs</u>		
Aster chilensis	Pacific aster	1
Sphaeralcea coccinea	Scarlet globemallow	1
<u>Shrubs</u>		
Atriplex canescens	Fourwing saltbush (White greasewood)	1

Broadcast seed will be applied at double the above rate.
Seeding will be done in the fall of the year (Oct. - Dec.)

5 lb/acre



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

IN REPLY REFER TO

SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

Cisco Desert and Flats below the Bookcliffs:

Dynasty Green	(Sears)
Tumbleweed	(Pratt & Lambert)
Sage Gray	(Pratt & Lambert)

Bookcliffs Region:

Sage Gray	(Pratt & Lambert)
Sea Life	(Pratt & Lambert)
Dynasty Green	(Sears)

Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.

EXHIBIT "B"

TEN-POINT COMPLIANCE PROGRAM OF NTL-6

APPROVAL OF OPERATIONS

Walter D. Broadhead

Federal Altrogg #2
Sec. 5 T21S. R24E SIM & B
Grand County, Utah

1. Geologic Surface Formation

The surface formation is Mancos.

2. Important Geologic Markers

<u>Formation</u>	<u>Depth</u>
Salt Wash	500'

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

<u>Formation</u>	<u>Depth</u>	<u>Fluids</u>
Salt Wash	500'	Gas and/or Oil and/or Water

4. Proposed Casing Program

Surface Casing:

- Drill 8 5/8" hole to 100' and set 7" 17-lb. cemented to surface.
- Drill 6 1/4" hole to 500 and set 4 1/2" 9.5-lb. with JCO-sx cement (50% excess).

5. Operator's Minimum Specifications for Pressure Control

Exhibit "C" is a schematic diagram of the blowout preventer equipment planned for use in this well. The BOP's will be hydraulically tested to 1000 psi after nipping up and after any use under pressure. Pipe rams will be operationally checked each trip. All tests will be recorded in the daily drilling report. Accessories to BOP's include Kelly Cock, safety valve, drill string BOP and choke with pressure rating equivalent to the BOP stack.

6. Type of Characteristics of Proposed Muds

The well will be drilled with air and air mist until water is encountered, then it will be completed with mud. One hundred barrels of 8.5- to 9-lb. mud will be mixed up for use in drilling or in the event it is needed to kill well or logging operations.

7. Auxiliary Equipment to be Used

- (a) Kelly Cock will be kept in the string.
- (b) A full opening stabbing valve will be on the floor for use, when the Kelly is not in the string.
- (c) A float will be run at the bit.
- (d) Monitoring equipment will be installed and used on the mud system.

8. The Testing, Logging and Coring Programs

- (a) Drill stem tests are not planned at this time.
- (b) The logging program will consist of Induction Electric & Compensated Nuclear Density.
- (c) No coring is planned.
- (d) Drilling samples will be caught at 30' intervals BSC to 400 ; from 500 to TD samples at 5' intervals.

9. Any Anticipated Abnormal Pressures or Temperatures Expected

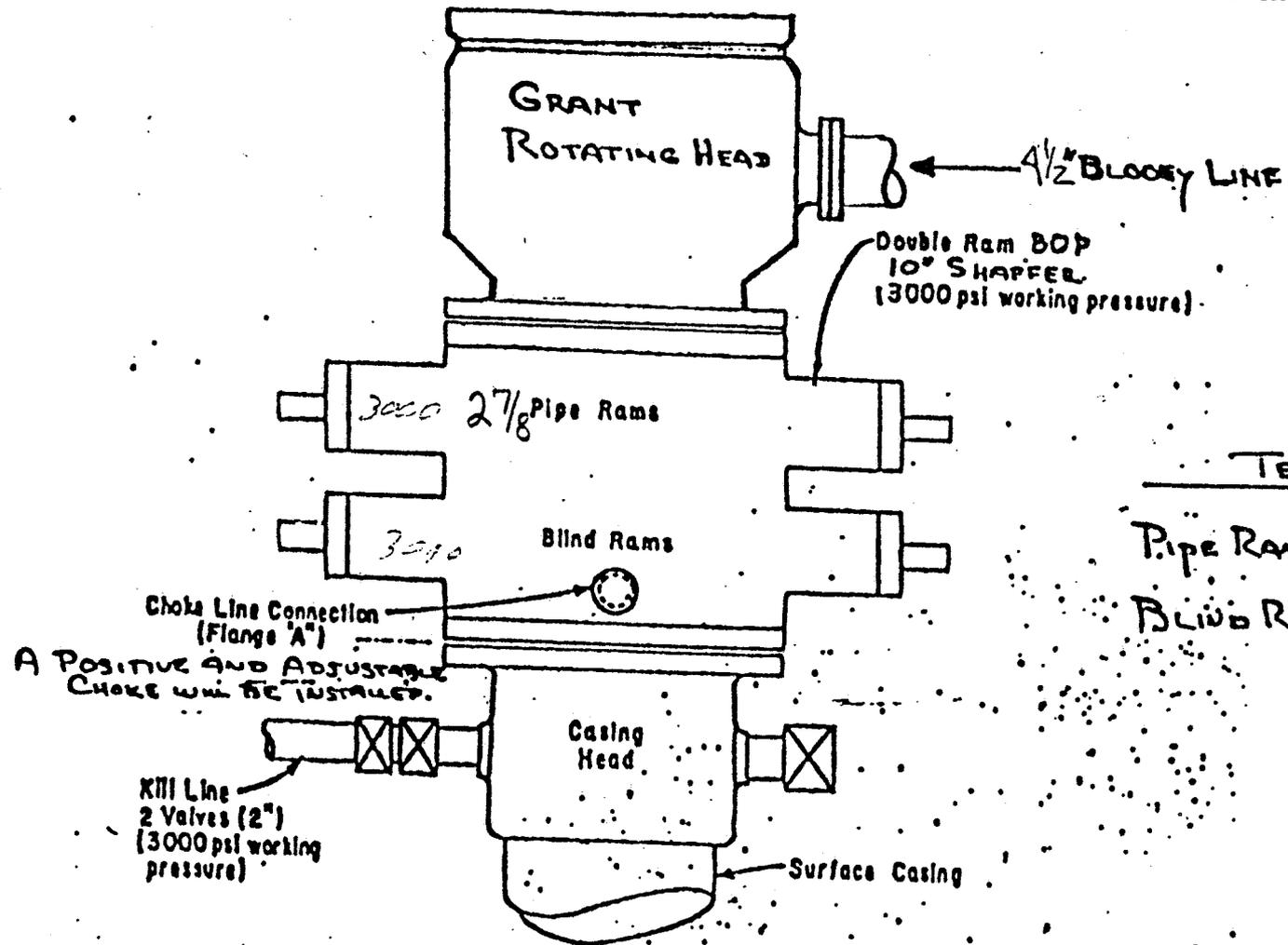
No abnormal gas pressures or temperatures are expected. No hydrogen sulfide or other hazardous gasses or fluids have been reported in the area.

10. Anticipated Starting Date and Duration of Operations

The anticipated starting date is June 15, 1982 or as soon as possible after approval of all drilling requirements.

Drilling operations should be completed 7 to 10 days after spudding.

EXHIBIT "C"



TESTING FREQUENCY

PIPE RAMS: DAILY
BLIND RAMS: EVERY TRIP

EXHIBIT "D"

MULTI-POINT REQUIREMENTS TO ACCOMPANY APD

Walter D. Broadhead

Federal Altrogg #2
Sec. 5 T21S R24E S1M & B
Grand County, Utah

1. Existing Roads

- A. Exhibit "A" is the proposed well site as staked by ~~Dudelle S. Williams~~ and the ground elevation is shown thereon.
- B. Exhibit "E" is the route and distance road map. the location is a total of about three and one-half miles northeasterly from Cisco Utah. 3 1/2 miles on old U.S. Highway 6 & 24; turn right ang go approximately 250 yards.
- C. Exhibit "F" is a print of a portion of the Danish Flat, Utah quadrangle and shows the access road into the location.. The green color shows the existing road. The red color indicates new road construction required to reach the location..
- D. All known existing roads appear on Exhibits "E" & "F".
- E. This is considered a Development Well.
- F. All roads from Cisco to the Oil Field are in good condition and carry heavy truck traffic regularly. The next .1 mile of existing roadway will be maintenance graded as equipment moves in to construct well pad.

2. Planned Access Roads

The 0.3 mile of new access road will be of minimum disturbance. The brush will be bladed off and windrowed along the Northerly side of the road.

- (1) The typical section of the proposed access road will be 16' in width.
- (2) Maximum grade will be 2% to 4%.
- (3) No turnouts are required.
- (4) (5) No culverts are necessary.
- (6) Surface material will be that native to the area.
- (7) No gates or cattleguards are required.
- (8) The proposed access road has been flagged.

3. Location of Existing Wells

For all existing wells within a one-mile radius of the development well, see Exhibit "F".

- (1) There are no water wells.
- (2) Abandoned wells - see Exhibit "F".
- (3) There are no temporarily abandoned wells.
- (4) There are no disposal wells.
- (5) There are no drilling wells.
- (6) Producing wells - see Exhibit "F".
- (7) There are no shut-in wells.
- (8) There are no injection wells.
- (9) There are no monitoring or observation wells for other resources.

4. Location of Existing and/or Proposed Facilities

- A. Within a one-mile radius of this location are existing facilities owned or controlled by lessee/operator as shown on Exhibit "F".
- B.
 - (1) Exhibit "I" shows all anticipated production facilities.
 - (2) The dimensions of production facilities shown on Exhibit "I" are drawn to a scale of 1" = 40'.
 - (3) The only construction materials needed from outside the location would be gravel for a pad under separator and/or dehydrator unit. Gravel would be trucked into the location over the access road by the dirt contractor from the nearest commercial pit in the Cisco area.
 - (4) If a small pit is required, it will be fenced and flagged.
- C. Rehabilitation, whether the well is productive or not, will be made on unused areas as soon as practical in accordance with the restoration plans presented in Item 10 following.

5. Location and Type of Water Supply

- A. Water will be trucked from Cisco Springs, 11 road miles Westerly of the location.
- B. Water will be trucked over the access road by oilfield water trucks.
- C. No water well is planned.

6. Source of Construction Materials

A., B., C., D.

No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from local gravel pit in the Cisco area. No special access other than for the drilling operation is needed.

7. Methods for Handling Waste Disposal

- (1) Drill cuttings will be buried in the reserve pit when covered.
- (2) Drilling fluids will be contained in steel mud pits and the reserve pit. These fluids will be disposed of in the reserve pit.
- (3) Any hydrocarbon liquids produced while drill stem testing or production testing will be collected in a test tank set near the pipe baskets or near the wellhead. Any unavoidable spills of oil or other adverse substances or materials will be covered or removed immediately during drilling progress or during completion operations.
- (4) Chemical toilet facilities will be provided for human waste.
- (5) Garbage and trash will be collected in a trash cage and its contents hauled to the nearest designated landfill.
- (6) The entire site will be cleaned up and restored to a smooth contour when the rig moves out. Only that part of the location required for production will be used.

8. Ancillary Facilities

No air strips, camps or other living facilities will be built off the location. The normal trailers will be on the location as seen on Exhibit "H".

9. Well Site Layout

- (1) Exhibit "G" is the drill pad layout. Topsoil will be stockpiled to specifications determined at the pre-drill inspection.
- (2) (3) The mud tanks, reserve pit, trash cage, pipe racks, living facilities, and soil material stockpiled, rig orientation, parking areas and access road are all shown on Exhibit "H".
- (4) The reserve pits will not be lined. Steel mud tanks will be used, and are shown on Exhibit "H". If water is produced in production, an NTL-2b study will be initiated.

10. Plans for Restoration

- (1) Backfilling, leveling, and recontouring will be accomplished as soon as possible after plugging of the well, and on those unused areas if production is obtained. Waste disposal and spoils materials will be buried or hauled away.
- (2) Rehabilitation will be accomplished by recontouring as best practical back to blend with original contours. The stockpiled topsoil will be spread, along with ripping of the pad and road area (if so desired by surface owner). Revegetation will be accomplished using grasses chosen by B.L.M.

- (3) Three sides of the reserve pit will be fenced prior to drilling operations. Upon rig release, the reserve pit will be fenced on the fourth side and will remain until recontouring and cleanup operations are completed.
- (4) Any oil spills will be immediately reported, cleaned up, or flagged.
- (5) Rehabilitation operations will commence as soon as practical after rig moves off location. Earth work and seeding will be done during the fall of 1982 if possible.

11. Other Information

As indicated on Exhibit "F", the topography of the location vicinity has very little relief. The location lies on a gentle plain which slopes Southeasterly 1-2%. This location lies Northwesterly of the existing Agate Oil Field.

The soil is a light tan to grey shallow soil, typical of Mancos formation.

The vegetation in the immediate area surrounding the location is sagebrush, Matt saltbush, shadscale, prickly pear cactus, Russian thistle, greasewood, and cheatgrass.

The fauna of the area consists of cattle, sheep, antelope, rabbits, lizards, ravens, meadow lark, killdeer, ground sparrows and martens.

The surface ownership is B.L.M. The surface use is grazing, petroleum production, and recreation.

The nearest live water is Cisco Springs, 10 air miles Westerly of the location.

The nearest occupied dwelling is in Cisco, Utah, 3 road miles Southwesterly of the location, as shown on Exhibit "E".

There are no visible archaeological, historical, or cultural sites within any reasonable proximity to the proposed location site.

There are no reported restrictions or reservations noted on the oil and gas lease.

12. Lessee's or Operator's Representative

Walter D. Broadhead
1645 North 7th Street
Grand Junction, Colorado 81501
Telephone 303/242-7717

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which 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 my contractors and subcontractors in conformity with this plan and terms and conditions under which it is approved.

June 21 1982

Date

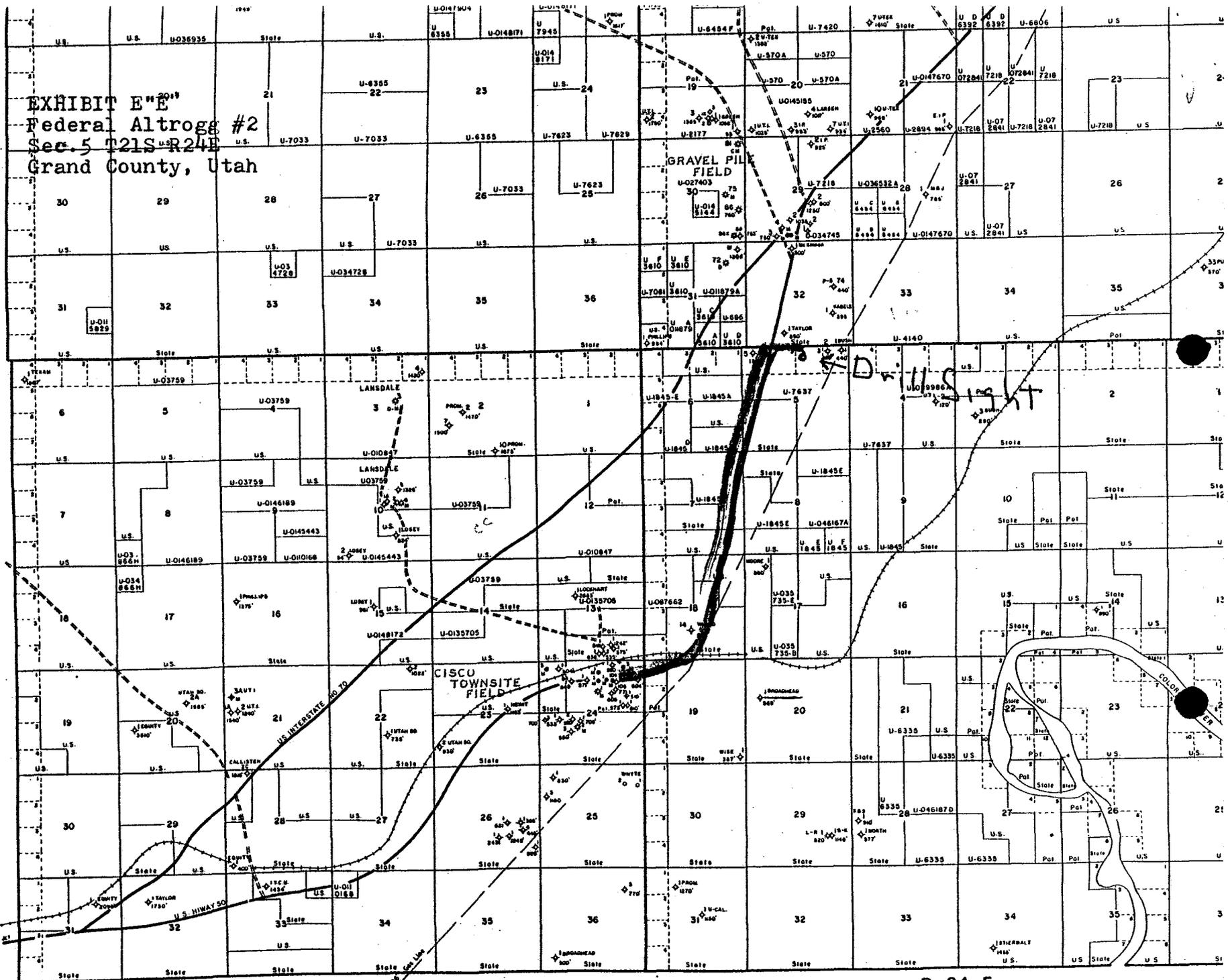
Walter D Broadhead

Name and Title

owner & operator

T
20
S

EXHIBIT E "E"
Federal Altrogg #2
Sec. 5 T21S R24E
Grand County, Utah



T
21
S

R 23 E

Existing Road

R 24 E

New Road

22 S. 66 W. N. Corner 21

PACIFIC HIGHWAY 80

180°

COLORADO RIVER

Exhibit 'G'
Drill Pad Layout
Federal Lansdale No.
Grand County, Utah

TOPSOIL

STOCKPILE

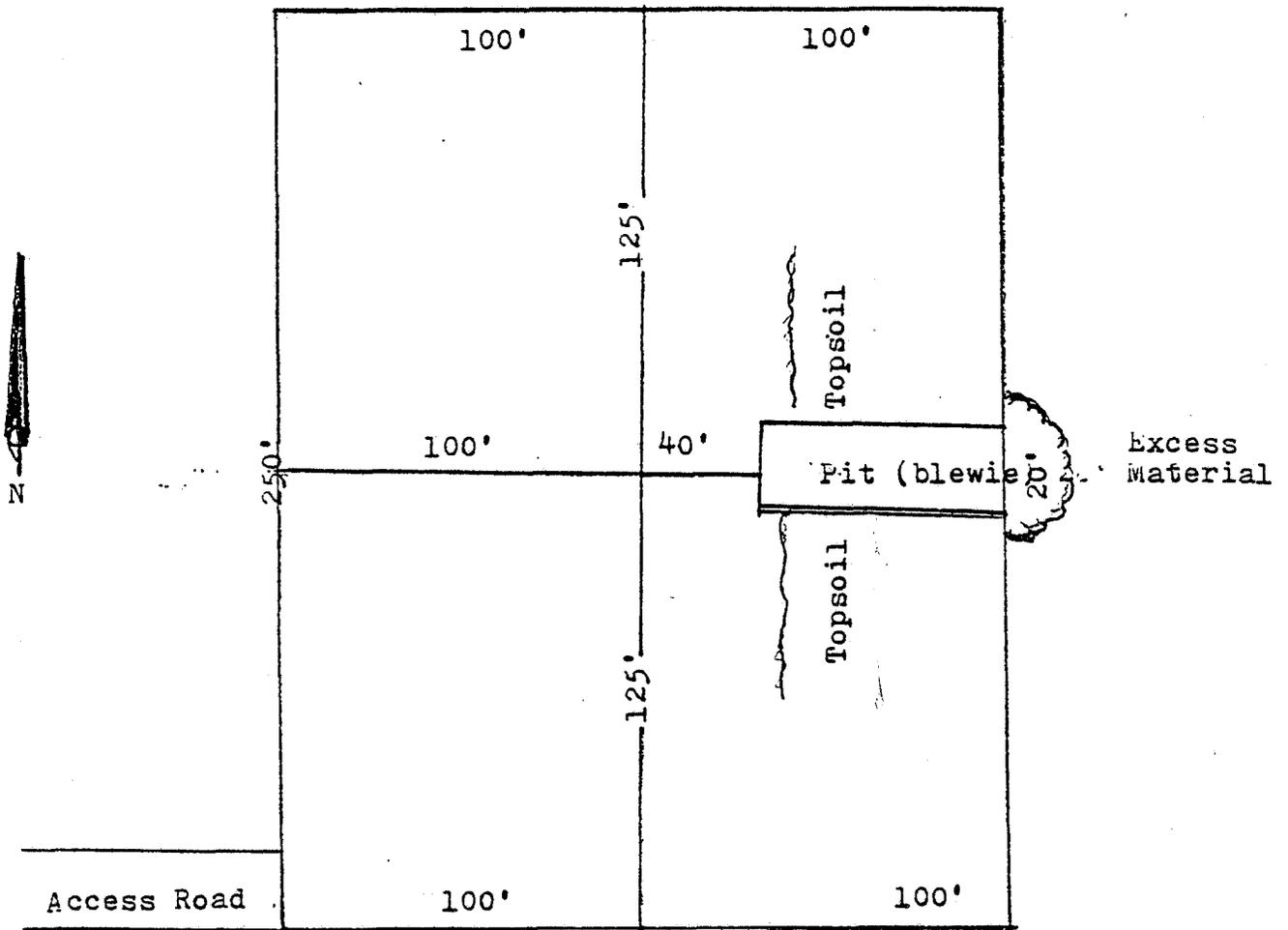


Exhibit "H"
Drill Rig Layout

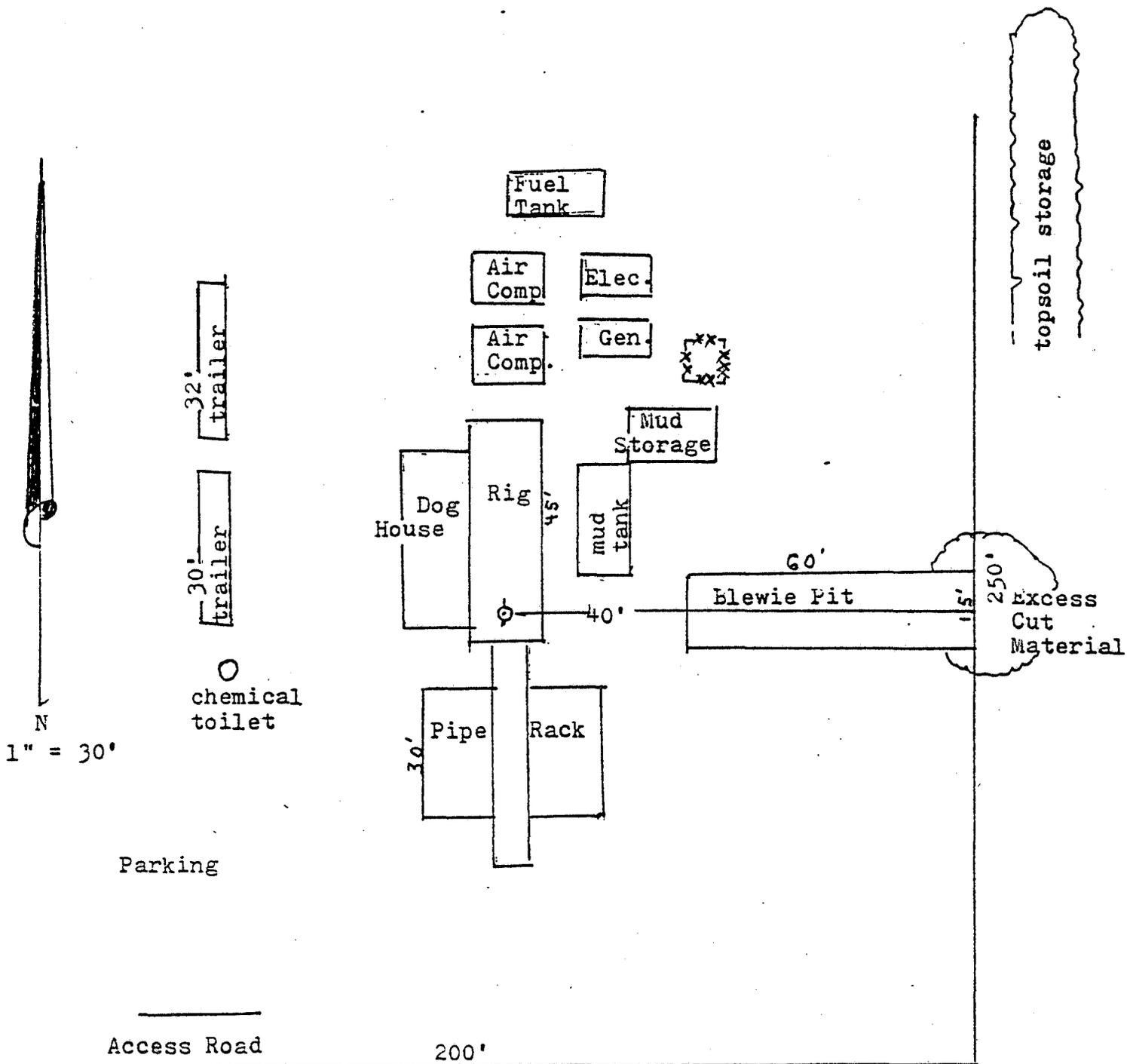
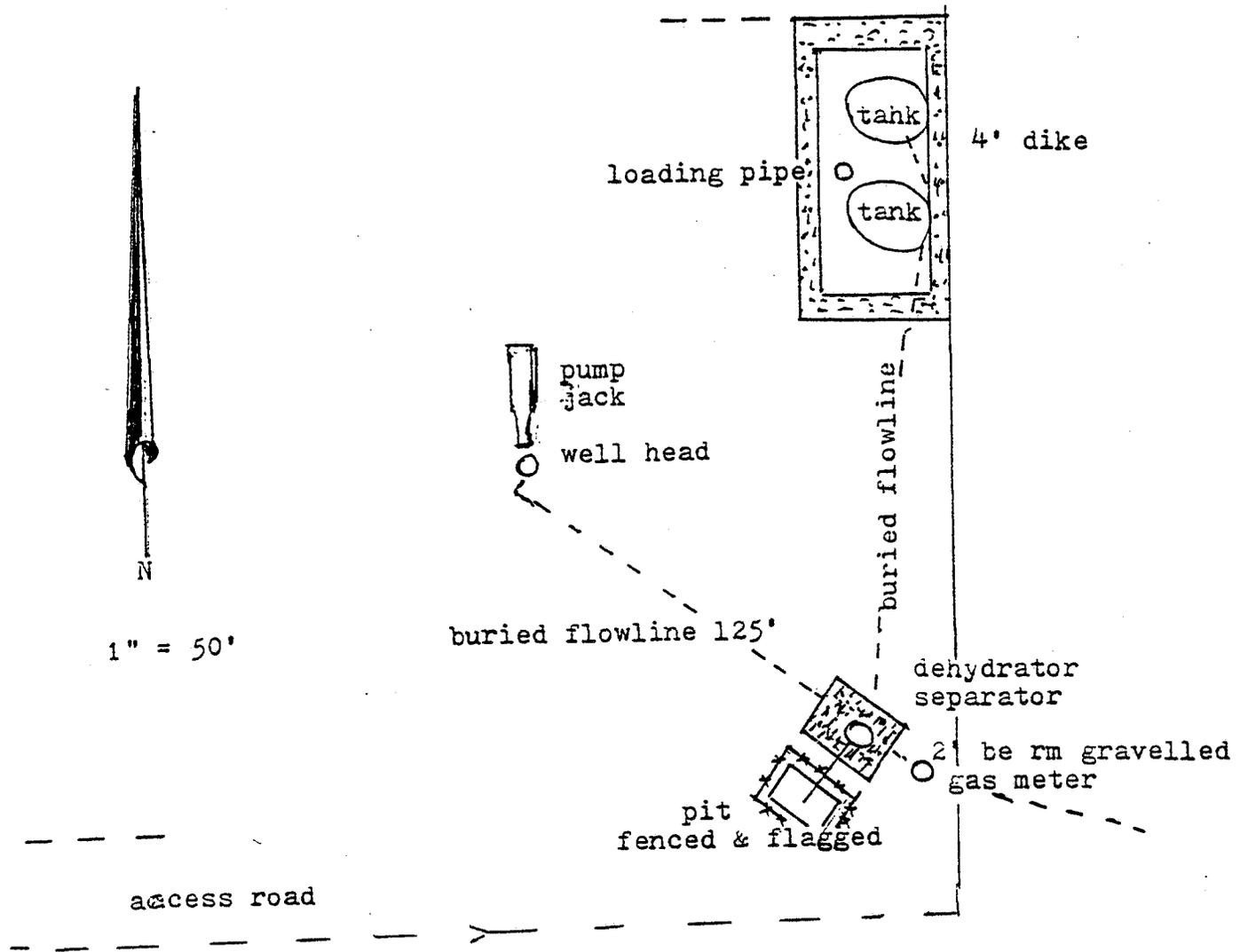


Exhibit "I"
Production facilities



SUBMIT IN TRIPLICATE

Rule 30 CFR 221.20 requires well shall not be drilled closer than 200 feet from the lease boundary, or 200 feet from any legal subdivision, without adequate reasons or consent.

District Oil and Gas Supervisor
U. S. Department of the Interior
Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104-3884

Re: Stipulation

Dear Sir:

Walter D. Broadhead, is the owner of Federal oil and gas lease W-43303, and proposes to drill a well on the leased premises to test for oil and gas at a location in the NW 1/4 NW 1/4 NE 1/4, Section 5, Township 21S, Range 24E, SL Meridian, Grand County, State of Utah, 500 from N line, and 2560 from E line of Section 5.

Section 221.20 of the Federal Oil and Gas Regulations requires that no well be drilled less than 200 feet from the boundary of any legal sub-division without the written consent of the Oil and Gas Supervisor, Minerals Management Service. The proposed location is approximately 76 from the W boundary line of the NW 1/4 NE 1/4 of Section 5, but is considered to be necessary because of Terrane and archaeological Request

Therefore, Walter D. Broadhead Lessee, requests the consent of the Oil and Gas Supervisor to the drilling of the proposed well at the above-described location. In consideration of such consent, Walter D. Broadhead, Lessee, hereby expressly covenants and agrees that he will make no separate assignments of the NW 1/4 NE 1/4, and the NE 1/4 SW 1/4, Section 5, Township 21S, Range 24E, SL Meridian, and that he will keep the two described subdivisions under joint assignment until the above-mentioned well has been plugged and abandoned with the approval of the Supervisor.

Sincerely,

** FILE NOTATIONS **

DATE: June 28, 1982
OPERATOR: Walter W. Broadhead
WELL NO: Federal Altrigg #2
Location: ^{NWNE} Sec. 5 T. 21S R. 24E County: Grand

File Prepared: Entered on N.I.D.:
Card Indexed: Completion Sheet:

API Number 43-019-30957

CHECKED BY:

Petroleum Engineer: _____

Director: _____

Administrative Aide: ^{OK} As Per Order Below

APPROVAL LETTER:

Bond Required: Survey Plat Required:
Order No. 102-10B, 9-26-79 O.K. Rule C-3
Rule C-3(c), Topographic Exception - company owns or controls acreage
within a 660' radius of proposed site
Lease Designation Fed Plotted on Map
Approval Letter Written
Hot Line P.I.

June 30, 1982

Walter D. Broadhead
1645 No. 7th St.
Grand Junction, Colorado 81501

RE: Well No. Federal Altrogg #2
Sec. 5, T21S, R24E
Grand County

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with the Order issued in Cause No. 102-16B, dated 09-26-79.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

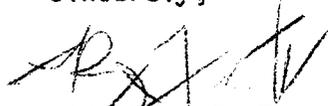
CLEON B. FEIGHT
Office: 533-5771
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30957.

Sincerely,



RONALD J. FIRTH
CHIEF PETROLEUM ENGINEER

RJF:SC
cc: Minerals Management Service
Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-43383

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

Fed. Altrogge #2

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 5. T. 21S. R. 24E.

12. COUNTY OR PARISH

Grand

13. STATE

Utah

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.)

OIL WELL GAS WELL OTHER Dry hole

2. NAME OF OPERATOR

Walter D. Broadhead

3. ADDRESS OF OPERATOR

1645 N. 7th St. Grand Junction, Colo. 81501

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

At surface South 500 ft. FNL and 2440 ft. FEL

Sec. 5. T. 21S. R. 24E. SLBM NW NW

14. PERMIT NO.

43-019-30957

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

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 PLANS

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.)*

Surface pipe 90' with 20 SX
6-1/4" hole to T.D. 400
Set 375' 4-1/2" casing at 375' with 25 SX
Drilled out to 385'
Will not pull casing
Will fill casing with cement
With regulation marker

RECEIVED

JUL 18 1984

DIVISION OF OIL
GAS & MINING

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

SIGNED

Walter D. Broadhead

TITLE

Operator

DATE

July 9, 1981

(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
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

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

April 21, 1983

Walter D. Broadhead
1645 North 7th Street
Grand Junction, Colorado 81501

Re: Well No. Federal Altrogg # 1
Sec. 5, T. 21S, R. 24E.
Grand County, Utah

Well No. Federal Altrogg # 2
Sec. 5, T. 21S, R. 24E.
Grand County, Utah

Well No. Federal Broadhead # 17-#1
Sec. 17, T. 21S, R. 24E.
Grand County, Utah

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Well Records Specialist

CF/cf

3140
(E-922)

RECEIVED

AUG 31 1983

Branch of Fluid Minerals
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

DIVISION OF
OIL, GAS & MINING
August 8, 1983

Walter D. Broadhead
1645 North 7th Street
Grand Junction, CO 81501

Re: Rescind Application for Permit
to Drill
Well No. Altrogg #2
Section 5-T21S-R24E
Grand County, Utah
Lease No. U-43383

Dear Mr. Broadhead:

The Application for Permit to Drill the referenced well was approved on May 5, 1982. Since that date no known activity has transpired at the approved location. Under current District policy, applications for permit to drill are effective for a period of one year. In view of the foregoing this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must then be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

E. W. Cuyun
Chief, Branch of
Fluid Minerals

bcc: BLM-Hoab
State O&G
State BLM
Well File
APD Control
DSD/MR Reading
922:DHersley:ra:8/8/83:4590



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

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

September 14, 1983

Walter D. Broadhead
1645 North 7th Street
Grand Junction, Colorado 81501

RE: Rescind Application for
Permit to Drill
Well No. Altrogg #2
Sec. 5, T. 21S, R. 24E
Grand County, Utah

Gentlemen:

Approval of Application for Permit to Drill the above referenced well is rescinded without prejudice as of the above date in concert with action taken by Branch of Fluid Minerals.

If you intend to drill this location at a future date, a new application for permit to drill may be submitted for State approval.

Sincerely,

Norman C. Stout
Administrative Assistant

NS/as



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

August 20, 1984

Mr. Walter D. Broadhead
1645 North 7th Street
Grand Junction, Colorado 81501

Dear Mr. Broadhead:

SUBJECT: Compliance with State Rules and Regulations

This letter will serve to inform you of the need for proper compliance with State rules and regulations concerning the reporting of oil and gas operations. Please note that the Division is taking a more rigid stance requiring adherence to these rules and regulations.

A recent case in which you did not properly report drilling operations as required was the Federal Altrogg #2, Sec. 5, T. 21S., R. 24E., Grand County. The Division of Oil, Gas, & Mining, State of Utah, received only a copy of the "Sundry Notice" of intention to abandon this well.

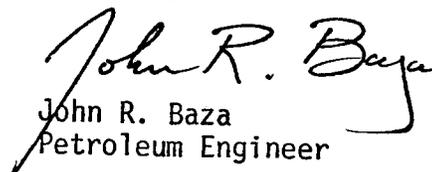
The Division never received notification of any activity occurring on this location from your company, even though we sent two requests for information.

The letter of approval on this location stipulates that this Division be notified within 24 hours after drilling operations commence. It further stipulates that should you determine that it will be necessary to plug and abandon this well, you are requested to immediately notify the Division.

Proper reporting of oil and gas operations is necessary so the Division can protect the correlative rights of all the public which includes operators such as yourself. Without such protection, operators with large capital resources could achieve an unfair advantage over smaller independents. Therefore, we intend to enforce strict compliance with rules and regulations from all operators in the State of Utah.

Your future cooperation in these matters will be greatly appreciated.

Sincerely,


John R. Baza
Petroleum Engineer

JRB/clj



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

August 27, 1985

Walter Broadhead
1645 North Seventh Street
Grand Junction, Colorado 81501

Dear Mr. Broadhead:

Re: Well No. Federal Altrogg #2 - Sec. 5, T. 21S., R. 24E.,
Grand County, Utah - API #43-019-30957

A recent inspection of the above referenced well indicates that the well has been spudded; however, this office has not received proper notification of spudding as requested in the letter of approval to drill. It is also necessary to file monthly drilling reports.

Also, please be advised that the "Well Completion or Recompletion Report and Log" for the above referenced well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed forms and forward to this office as soon as possible, but not later than September 10, 1985.

Our office received a Notice of Intention to Abandon the above referenced well dated July 9, 1981. As of the date of this letter we have not received a subsequent notice. Please return the enclosed Sundry Notice indicating the plugging procedure used and the date the work was completed.

Thank you for your cooperation in this matter.

Sincerely,

A handwritten signature in cursive script that reads "Pam Kenna".

Pam Kenna
Well Records Specialist

Enclosure

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0170S/7-8

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL
(Other instructions
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

411207

2

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.)

OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <i>Dry hole</i>		5. LEASE DESIGNATION AND SERIAL NO. <i>U-43383</i>
2. NAME OF OPERATOR <i>Walter D. Broadhead</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR <i>1645 N. 1st Grand Junction Colo. 81501</i>		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <i>South 500 Ft. FNL and 252.0 Ft. FEL Sec. 5, T. 21S. R. 24E, SLB&M NW NE</i>		8. FARM OR LEASE NAME <i>Federal Altvoege</i>
14. PERMIT NO. <i>43-019-30957</i>		9. WELL NO. <i>Fed. Altvoege No-2</i>
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		10. FIELD AND POOL, OR WILDCAT <i>wildcat</i>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <i>Sec. 5, T. 21S. R. 24E.</i>
		12. COUNTY OR PARISH <i>Grand</i>
		13. STATE <i>Utah</i>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(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.)*

*Plug from 385' to surface with cement
with Regulation Marker*

RECEIVED
MAY 12 1986
DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct
SIGNED *Walter D. Broadhead* TITLE *operator* DATE *3-26-86*

(This space for Federal or State office use)
APPROVED BY *Arminth V. Blue* TITLE *Acting District Mgr* DATE *4/2/86*
CONDITIONS OF APPROVAL, IF ANY:
APPROVED
J. Davis 4/2/86

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: *5-23-86*
BY: *John R. Day*

*See Instructions on Reverse Side