

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

1a. TYPE OF WORK  
 DRILL       DEEPEN       PLUG BACK

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

2. NAME OF OPERATOR  
 Walter D. Broadhead

3. ADDRESS OF OPERATOR  
 1645 North 7th, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface: South 1720 feet from north line and east 3516 feet from the west line of Section 29.  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 5 miles north of Cisco, Utah

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

16. NO. OF ACRES IN LEASE  
 804

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH  
 740 feet

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4532 Feet

22. APPROX. DATE WORK WILL START\*  
 December 10, 1980

5. LEASE DESIGNATION AND SERIAL NO.  
 U-7218

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Alansdale

9. WELL NO.  
 Fed-Lansdale 4

10. FIELD AND POOL, OR WILDCAT  
 Gravelpile

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec 29 -- 20S-R24E

12. COUNTY OR PARISH  
 Grand

13. STATE  
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7" new	17 lb.	100'	23 SX Circulated
6 1/4"	4 1/2" new	9.5 lb.	1000'	40 SX

Propose to test Salt Wash Member of Morrison Formation  
 Surface Use Plan Attached: Note: Water Sands are not anticipated  
 Surface FMN - Mancos Shale  
 Estimated Tops:  
 Dakota: 350 - Gas  
 Buckhorn: 650 - Oil and/or Gas  
 Salt Wash: 870 - Oil and/or Gas  
 Pressure Control: Schematic attached showing BOP, Kill Lines, check valves, and Pressure Ratings, Seven Point Plan attached.  
 Logging: IES & FDC-CNL, No Coring Planned  
 Hazards: Experience does not indicate that abnormal pressures or Hydrogen Sulfide will be encountered.  
 Starting Date: December 10, 1980

*Rev'd and  
am'd  
SEP 5 1980*

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 Aug 27 1980

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

**MINING**

FROM: DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, O&amp;G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-7218OPERATOR: WALTER D. BROADHEADWELL NO. FED-LANSDALE 4LOCATION: NE-SW-NE sec. 29, T. 20S., R. 24E., SLMGRAND County, UTAH1. Stratigraphy: *Reasonable*

*Mancos - Surface*  
*Dakota - 350'*  
*Buckhorn - 650'*

*T.D. ~ 740'*

## 2. Fresh Water:

*probably only saline water will be encountered*

## 3. Leasable Minerals:

*Petroleum in Dakota, Buckhorn, Galt Wash (Morrison)*

## 4. Additional Logs Needed:

*none*

## 5. Potential Geologic Hazards:

*none anticipated*

## 6. References and Remarks:

Signature: Joseph IncardineDate: 9-17-80

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 At surface: South 1729' feet from north line and east 3516 feet from the west line of Section 29. SW NE

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 5 miles north of Ciscoc, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 730 feet  
 (Also to nearest drlg. unit line, if any)

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19. PROPOSED DEPTH 740 feet *Morrison*

20. ROTARY OR CABLE TOOLS  
 Rotary

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4532 Feet

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7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Alansdale

9. WELL NO.  
 Fed-Lansdale 4

10. FIELD AND POOL, OR WILDERNESS AREA  
 Gravelpile *Greater Ciscoc area*

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 See 29 + 20S.R24E

12. COUNTY OR PARISH  
 Grand

13. STATE  
 Utah

7

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 Estimated Tops:

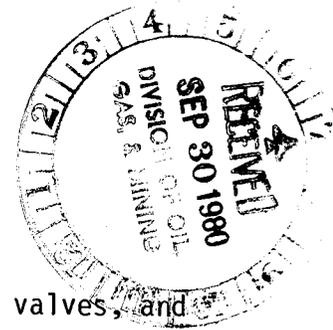
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Starting Date: December 10, 1980



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(This space for Federal or State office use)

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

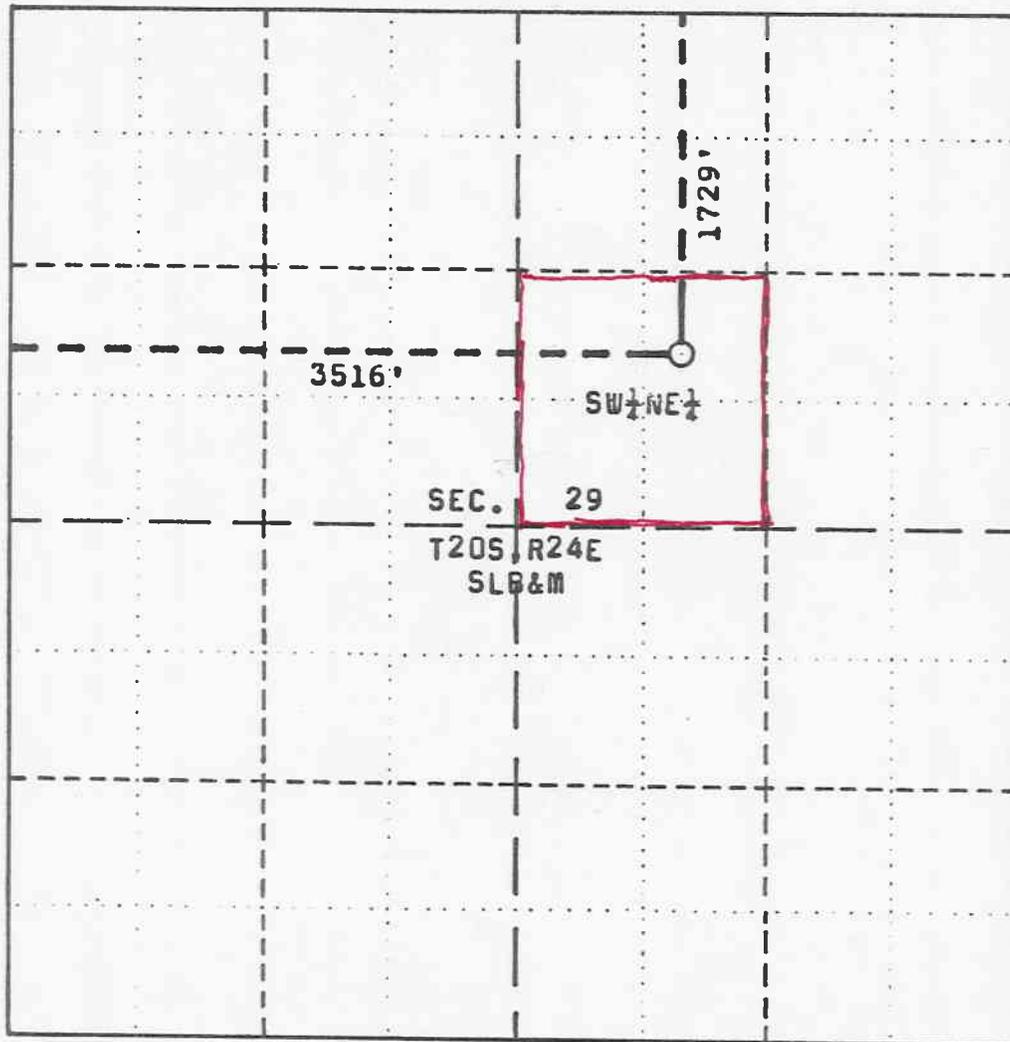
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE DIVISION  
 OF OIL, GAS, AND MINING

DATE: 10/15/80  
 BY: CB Ferguson

\*See Instructions On Reverse Side



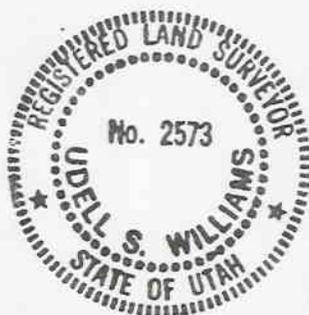
SCALE: 1" = 1000'

FEDERAL LANSDALE #4

Located South 1729 feet from the North boundary and East 3516 feet from the West boundary of Section 29, T20S, R24E, SLB&M.

Elev. 4532

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

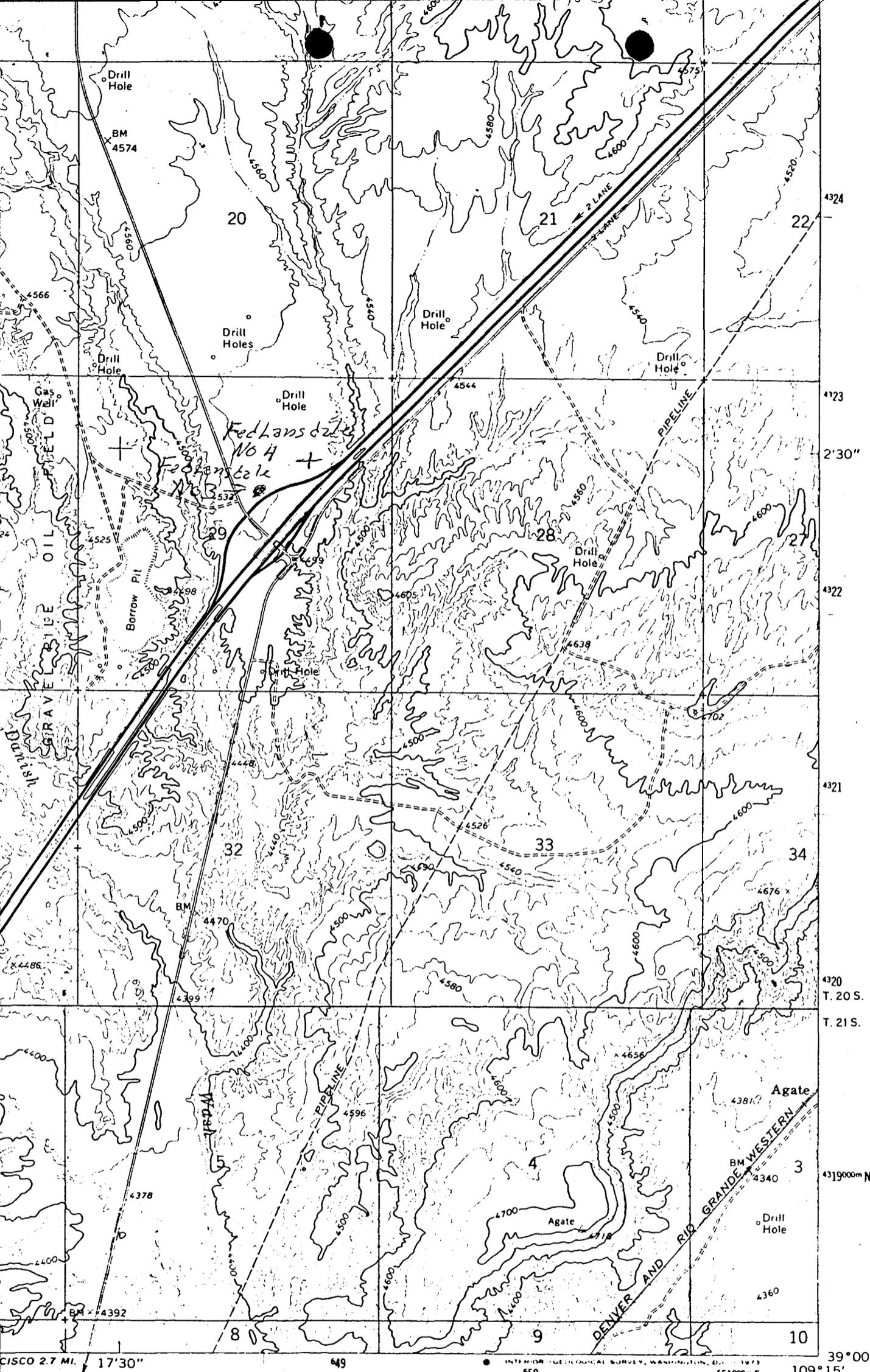
*Udell S. Williams*  
 UTAH R.L.S. NO. 2573



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

PLAT OF  
 PROPOSED LOCATION  
**FEDERAL LANSDALE #4**  
**SW 1/4 NE 1/4 SECTION 29**  
**T20S, R24E, SLB&M**

SURVEYED BY: USW DATE: 4/9/80  
 DRAWN BY: USW DATE: 4/19/80



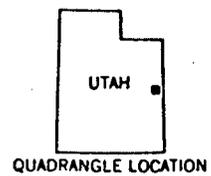
CISCO 2.7 MI. 17°30"

649

650

651000m E

109°15' 39°00'



- ROAD CLASSIFICATION**
- Primary highway, hard surface
  - Secondary highway, hard surface
  - Light-duty road, hard or improved surface
  - Unimproved road
  - Interstate Route
  - U. S. Route
  - State Route

1611 COATES CREEK 1:62,500

**DANISH FLAT, UTAH**  
N3900—W10915/7.5

1970

INGTON, D. C. 20242  
REQUEST

WALTER BROADHEAD  
1645 N. 7th St.  
Grand Junction, Colorado 81501

Re: Well No. Fed. Lansdale #4  
Sec. 29 T20S, R24E  
Grand County, Utah  
Lease: U-7218

1. Surface Casing: Set at ~~230'~~ 100'  
Size 7"  
Weight 17 lb.  
Length Range 2  
Grade J-55 new. Tested to 3000 psig.
2. Casing Heads:  
Series 600 - 1500 psi working pressure.
3. Production Casing:  
Size 4-1/2"  
Weight 9.5 lb.  
Length Range 3  
Grade J-50, new, tested to 3000 psig.
4. Pressure Control:  
BOP Regan Torus BOP  
Series 600 - Tested to 3000 psig.  
Rams One size fits all - even blind.  
Will use fill, kill and choke lines.
5. Auxiliary Pressure Control:
  - a. Kelly cocks.
  - b. Check valve at bit.
  - c. Monitoring equipment on mud system.
  - d. A sub on floor with a full opening valve to be stabbed into drill pipe when Kelly is out of string.
6. Anticipated Bottom Hole Pressure:  
550 psig.
7. The Type of Drilling Fluid:  
Air until gas encountered. GEL  
Mud up with ~~water~~ mud with ~~NaCl~~ and ~~CaCl2~~ BARITE as weighting agent - 10.5 to 11.00 lb. per gal. as required.

WALTER BROADHEAD  
1645 N. 7th St.  
Grand Junction, Colorado 81501

Re: Well No. Fed-Lansdale #4  
Sec. 29 T20S. R24E  
Grand County, Utah  
Lease: U-7218

SURFACE USE PLAN

**Geographical:** 5 miles Northeast of Cisco, Utah.

**Terrain:** Low, rolling hills of Mancos shale.

**Vegetation:** Very sparse.

**Surface Water:** None. This is dry, desolate, desert country.

1. **Existing Roads:** Existing roads are 15-18 feet wide, with native ground as surface material. This is primarily Mancos shale with a little Cretaceous gravel in some places.

Federal Lansdale No. 3 is located north of I-70, from East Cisco Exit.

The included map shows all access roads and roads within a several mile radius of the location.

There are no immediate plans for improvement of existing roads. If commercial production is found and road improvement is needed, it will be considered at the appropriate time.

2. **Planned Access Roads:** The map indicates all necessary access roads to be constructed which will be to the same physical characteristics as existing roads - 15 - 18 feet wide with native Mancos shale as surface with maximum grades not to exceed 3-4%. There will be no culverts required and no major cuts and fills required for access to the well applied for. No fence cuts or cattle guards will be required.

A turnout off the County Road will be required for the 250' of road across Federal Land to the referenced location. No drainage design is needed as land is flat.

3. **Location of Existing Wells:** As you can see from the map, existing wells have been located upon the map. The status of the wells is generally indicated on the map by the manner in which the well is marked. There are no water wells or disposal wells.

The well applied for in this application has been referenced in two directions with reference stakes set at 100 and 150 feet in two directions giving a total reference of 300 feet for the well.

4. Location of Existing and/or Proposed Facilities:

- a) There are no tank batteries off of well locations within a one mile radius of the proposed location. Gas gathering lines are indicated on the attached map. All lines in the area are surface lines.
- b) If production is found, storage facilities will be located on the location. If gas is discovered in commercial quantities, necessary pipelines will be applied for at that time.

Complete protective measures such as fences will be used to protect livestock and wildlife in the area.

- c) Rehabilitation of all disturbed areas no longer needed after construction is completed will be returned to smooth contour and all debris will be cleaned up. All pits will be covered and cleaned up after drill operations. Those pits required for production will be fenced.

5. Location and Type of Water Supply: Water will be acquired either from Cisco Springs, which is about 5 miles north of the proposed well location, or from the Colorado River, which is about 5 miles southwest of Cisco, Utah. Water will be transported by truck. Existing roads will be used to transport water.

No water well will be drilled on the lease.

6. Source of Construction Materials: No construction materials such as sand, gravel, stone and soil will be used other than that found in the native location.

In the event that tanks and production equipment are required, gravel will be hauled from Grand Junction, Colorado or Moab, Utah to set tanks on. This gravel will be purchased from private enterprise.

7. Methods for handling Waste Disposal:

- a) Cuttings - The hole will be mud drilled and cuttings will be contained in pit. These cuttings will be integrated into the pit when covered.
- b) Drilling Fluids - Will be contained in steel mud tanks. A dirt pit will be dug to contain excess flow out of the well during cementing and completion operations. Of course, these pits will be cleaned up and covered up.
- c) Produced Fluids such as Oil and Water - will be properly disposed of with oil being stored in tanks and water being diverted to the pit and disposed of as required.
- d) Sewage - A portable chemical toilet will be provided on location during drilling operations.

- e) Garbage and Other Waste Material - Will be contained in 30 gallon galvanized garbage cans and hauled off the location.
  - f) As stated before, the entire well site area will be properly cleaned up and restored to smooth contour when the rig moves out. Only that part of the location required for production operations will be kept in use. In the event of a dry hole, the only appurtenance left at the location will be the required dry hole marker.
8. Ancillary Facilities: There will be no camps or air strips required for this drilling operation.
9. Well Site Layout: A plat on a scale of 1" = 40' is included with the application showing location and orientation of the drilling rig, mud tanks, reserve pit, pipe racks and other appurtenances to the operation. For the time being pits will be unlined as allowed by present law. The only water introduced into these pits will be fresh water used in the drilling operation.
10. Plans for Restoration of Surface: As stated before, the entire location will be restored to smooth contour. Plan to broadcast Crested Wheat Grass at 4 lbs per acre and harrow in seed. Crested Wheat will provide nurse crop for establishment of native grasses & shrubs.

It is intended to have all locations cleaned up within 30 days after operations are concluded.

11. Other Information:

- a) The topography of these locations near Cisco, Utah is a very gentle rolling, flat characteristic. The soil is raw Mancos shale with extremely sparse vegetation. A few coyotes, prairie dogs and cottontail rabbits occupy the entire area.
- b) The only other surface use activities other than petroleum exploration in the area is in spring grazing of the sparse vegetation by cattle and sheep.
- c) The proximity of water has been described at Cisco Springs, (about 5 miles north) or at the Colorado River which is about 5 miles southwest of Cisco, Utah. The only occupied dwellings are at Cisco, Utah, which has been located already. There will be no disturbance to archeological, historical or cultural sites by drilling the applied-for well in the present application. The land is under the jurisdiction of the Bureau of Land Management.

12. Operator's Representative:

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

13. 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 Walter D. Broadhead in conformity with this plan and the terms and conditions under which it is approved.

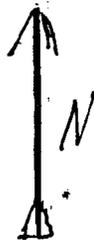
Aug 27 1980  
Date

Walter D Broadhead  
Walter Broadhead

# Well Site Layout:

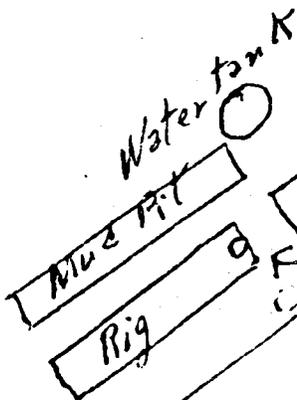
North

NW  $\frac{1}{4}$  SW  $\frac{1}{4}$  NE  
Sec 29. T20S. R24E SLM



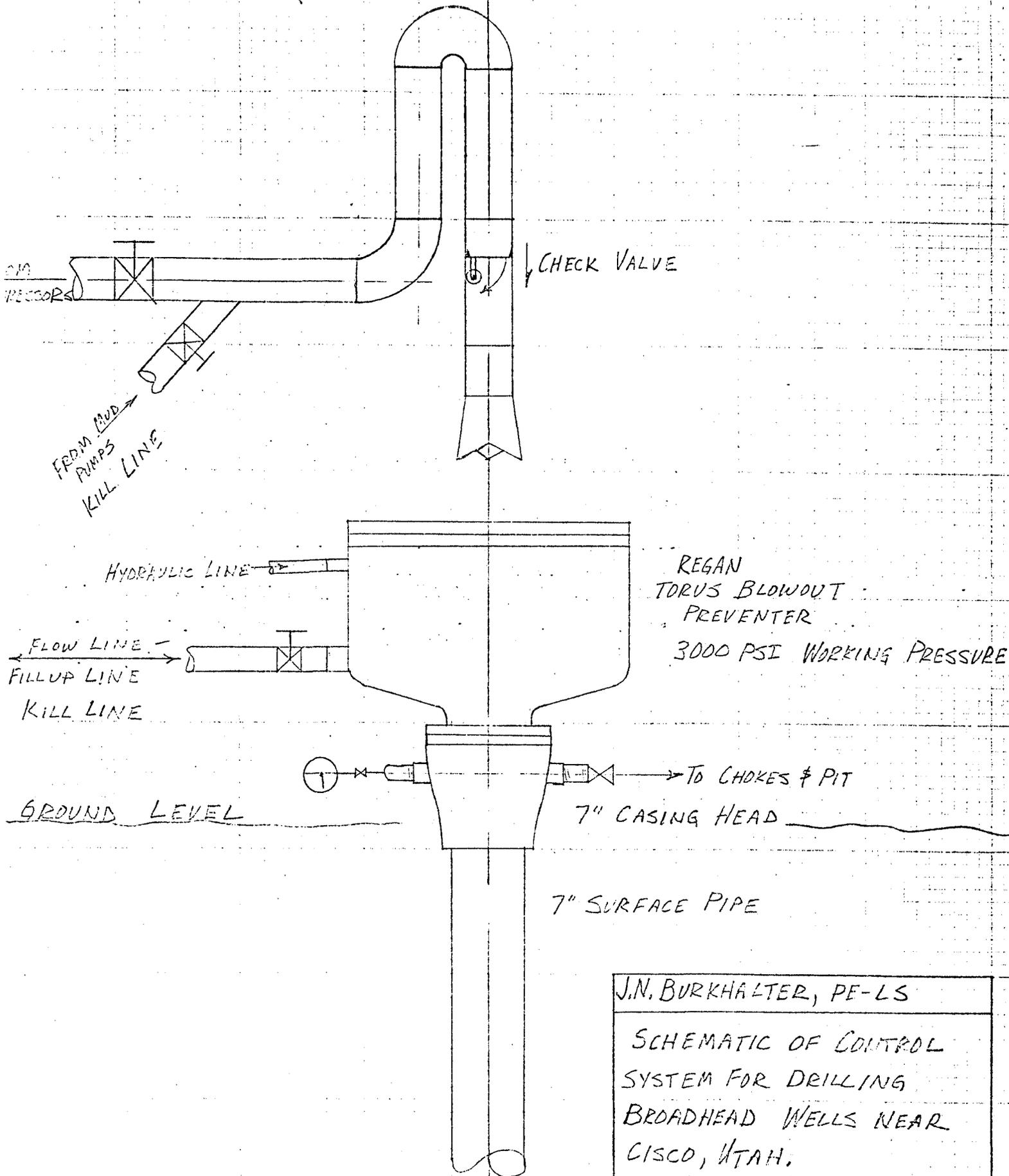
Beckwith Road

Highway 1-70



Fed Hansdale No 4

Chemical toilet



J.N. BURKHALTER, PE-LS  
 SCHEMATIC OF CONTROL  
 SYSTEM FOR DRILLING  
 BROADHEAD WELLS NEAR  
 CISCO, UTAH.

\*\* FILE NOTATIONS \*\*

DATE: October 10, 1980  
OPERATOR: Walter D. Broadhead  
WELL NO: Lansdale Fed. #4  
Location: Sec. 29 T. 20S R. 24E County: Grand

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

API Number 43-019-30717

CHECKED BY:

Petroleum Engineer: \_\_\_\_\_  
\_\_\_\_\_  
Director: OK as per order in case 102-16B dtd  
Mar 15, 1979  
\_\_\_\_\_  
Administrative Aide: \_\_\_\_\_  
\_\_\_\_\_

APPROVAL LETTER:

Bond Required:  Survey Plat Required:   
Order No. 102-16B 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   
Hot Line  Approval Letter Written   
P.I.

October 17, 1980

Walter, D. Broadhead  
1645 N. 7th St.  
Grand Junction, Colorado 81501

Re: Well No. Lansdale Federal #4  
Sec. 29, T. 20S, R. 24E,  
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to o/g well is hereby granted in accordance with the Order issued in Cause No. 102-16B dated September 26, 1979.

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

MICHAEL T. MINDER - Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

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 43-019-30717.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

*Cleon B. Feight /ka*  
Cleon B. Feight  
Director

/ka  
cc: USGS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
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DUPLICATE

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Buckhorn: 650 - Oil and/or Gas  
Salt Wash: 870 - Oil and/or Gas

State of Utah, Department of Natural Resources  
Division of Oil, Gas, and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Pressure Control: Schematic attached showing BOP, Kill Lines, check valves, and Pressure Ratings, Seven Point Plan attached.

Logging: IES & FDC-CNL, No Coring Planned

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RECEIVED

24. SIGNED Walter D. Broadhead TITLE Operator DATE Aug 27 1980

NOV 3 1980

(This space for Federal or State office use)

DIVISION OF OIL, GAS & MINING

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY (Orig. Sgd.) A. M. RAFFOUL FOR E. W. GUYNN DISTRICT ENGINEER DATE OCT 3 1 1980

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

\*See Instructions On Reverse Side  
CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY.

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

UT Oil & Gas

United States Department of the Interior  
Geological Survey  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator/Project Name Walter D. Broadhead Federal Lansdale # 4  
Project Type Development Oil and Gas Test  
Project Location 1720' FNL, 3516' FWL, Sec. 29, T20S, R24E, Grand County, Utah  
Date Project Submitted September 2, 1980

FIELD INSPECTION Date September 25, 1980

Field Inspection  
Participants Glenn M. Doyle U. S. Geological Survey  
Elmer Duncan Bureau of Land Management  
Walter D. Broadhead Operator

Typing In: 10/7  
Out: 10/8

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.

October 3, 1980  
Date Prepared

Glenn M. Doyle  
Environmental Scientist

I concur

10/17/80  
Date

Elmer Duncan  
District Supervisor

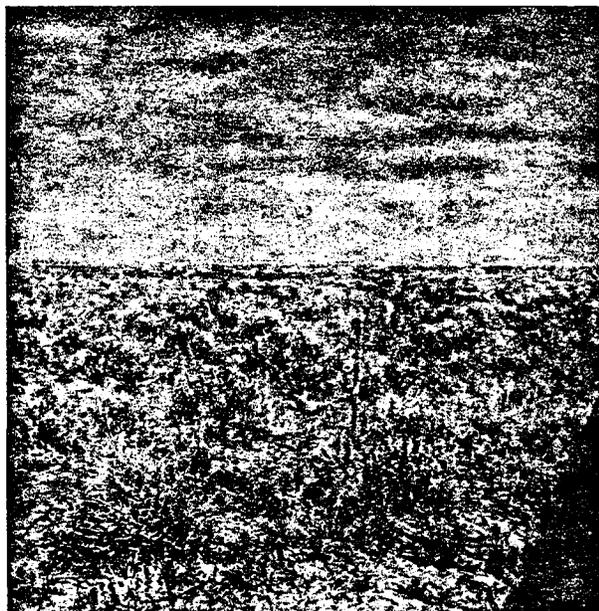
CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	<u>Federal/State Agency</u>			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety					1, 2			9-25-80	
2. Unique charac- teristics					1, 2				
3. Environmentally controversial					1, 2				
4. Uncertain and unknown risks						4			
5. Establishes precedents					1, 2				
6. Cumulatively significant					1, 2				
7. National Register historic places	1 - 10/4/80								
8. Endangered/ threatened species	1 - 10/4/80								
9. Violate Federal, State, local, tribal law								r	3

COMMON REFERENCE LIST

NEPA Categorical Exclusion Review

1. SMA Input
2. Reviews, reports, or information received from Geological Survey (CD, GD, WRD, TD).
3. Lease Stipulations/Terms
4. Application to Drill
5. Operator correspondence
6. Field observation
7. Private Rehabilitation Agreement



8/80

*Broadhead Fed. Landsale #4  
Sec. 29, 20S, 24E, Grand Co.*

Well No. 4 1720 'F N L 3516 'F W Sec. 29T 265R 24E

Approve Location: yes

Reason Location Moved: \_\_\_\_\_

Approve Access Road yes

Changes in Access Road: \_\_\_\_\_

Culverts: N/A

Low Water Crossings: see N/A

Overall Topography: flat terrain mixed w/ gently rolling hills

Location Topography: flat

Soil Type: clay-rich loam Topsoil: 6"

Wind and Direction: from SW Rainfall: 8-11" Inversions: rare

Surface Water Hydrology: no drainages cross or near well site

Water Wells in Area: see APD Line Pits: no

Vegetation: shadscale, winterfat, globe mallow, Indian rice, and curly grass

Wildlife: desert rodents, reptiles and birds

Threatened or Endangered Species: see BLM strips; none

Nearest Dwelling and Direction: see APD

Nearest Production and Direction: 500' to the west

Primary Land Use: oil & gas, grazing

Estimated Cut and Fill: < 1 foot

Environmental Impacts: minor - site is flat, operator using rubber-tired, truck-mounted rig which requires minimal space; reserve pit - 6' x 15'

Checklist

- // Onsite Representatives
- // Drill Rig Layout
- // Pit Adequacy
- // "Frac" Plans
- // Production Layout
- // Rehabilitation
- // Safety of Operations
- // Operational Requirements



# United States Department of the Interior

IN REPLY REFER TO  
3100  
(U-603)

BUREAU OF LAND MANAGEMENT  
Moab District  
Grand Resource Area  
P. O. Box M  
Moab, Utah 84532

October 1, 1980

## Memorandum

To: Oil & Gas Office, USGS Conservation Division,  
P.O. Box 3768, Grand Jct., CO 81501

From: Area Manager, Grand

Subject: Walter D. Broadhead  
Fed. Lansdale 4, Lease #U-7218  
SW/NE Section 29, T. 20 S., R. 24 E. SLB&M  
Grand County, Utah

On September 25, 1980, a representative from this office met with Glen Doyle, USGS, and W.D. Broadhead agent of W.D. Broadhead for an inspection of the above referenced location. Subject to the attached conditions, 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.

Enclosures (2)  
1-Reclamation Procedures  
2-Seed Mixture

*C. Delano Bachus*

4 - OCT RECD

STANDARD STIPULATIONS FOR OIL & GAS EXPLORATION

Contact this office at least 24 hours prior to beginning construction of access road and pad.

✓ Stockpile the surface six inches of topsoil in a wind-row on the north side of the location.

✓ The upper banks (uphill side) of all cuts will be rounded during construction of the access road and pad.

✓ Notify the BLM District Archaeologist if cultural material from sub-surface deposits is exposed during the operation.

✓ The trash can will be 50 gallon drums and trash will be hauled away as needed.

✓ The "blooey" line will be centered and directed into the pit.

If production is obtained, the access road will be upgraded to BLM specifications for long-term roads as outlined in the surface use standards section of the "Oil and Gas" pamphlet (joint BLM, USGS, and USFS publication).

✓ If production is obtained, all production facilities will be painted "desert tan" or a similar color approved by the Grand Resource Area Manager.

✓ Rehabilitation of the site and access road will be accomplished in accordance with the enclosed restoration procedures.

Production facilities and pipeline route are approved on this location under lease rights.

As agreed upon at the pre-drill field exam.

✓ The only surface area disturbed will be to set the truck mounted rig, the water tank and drill pipe rack, plus the digging of the mud pit. The rest of the area will be left undisturbed.

✓ The pits will be fenced with woven wire, 48 inches high and a strand of barbed wire will be put around the top to add strength.

✓ The disturbed surface areas on this location will be reseeded with plant species that are native to the surrounding area. (Refer to the enclosed list of plant seeds and pounds/acre to be used).

✓ Pit dimensions will be 15 feet long by 6 feet wide by 5 feet deep.

SEED MIXTURE

SPECIES

Lbs/Acre

Grasses

Oryzopsis hymenoides	Indian rice grass	1
Hilaria jamesii	Curley grass	1

Forbs

Sphaeralcia coccinia	Globemallow	1
----------------------	-------------	---

Shrubs

Atriplex confertifolia	Shadscale	1
Ceretoides lanata	Winterfat	1

Walter Brodhead & Co  
29-205-24E  
9/18/80  
Glenn

Memorandum

To: District Oil and Gas Engineer, Mr. Edward Guynn

From: Mining, Supervisor, Mr. Jackson W. Moffitt

Subject: Application for Permit to Drill (form 9-331c) Federal oil and gas lease No. U-7278 Well No. Fed-Lansdale 4

1. The location appears potentially valuable for:

- strip mining\*
- underground mining\*\*
- has no known potential.

2. The proposed area is

- under a Federal lease for \_\_\_\_\_ under the jurisdiction of this office.
- not under a Federal lease under the jurisdiction of this office.
- Please request the operator to furnish resistivity, density, Gamma-Ray, or other appropriate electric logs covering all formations containing potentially valuable minerals subject to the Mineral Leasing Act of 1920.

\*If location has strip mining potential:

Surface casing should be set to at least 50 feet below the lowest strip minable zone at \_\_\_\_\_ and cemented to surface. Upon abandonment, a 300-foot cement plug should be set immediately below the base of the minable zone.

\*\*If location has underground mining potential:

The minable zones should be isolated with cement from a point 100 feet below the formation to 100 feet above the formation. Water-bearing horizons should be cemented in like manner. Except for salines or water-bearing horizons with potential for mixing aquifers, a depth of 4,000 feet has been deemed the lowest limit for cementing.

Signed Allen J. Vance



SCOTT M. MATHESON  
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
*Director*

1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

CHARLES R. HENDERSON  
*Chairman*

JOHN L. BELL  
C. RAY JUVELIN  
THADIS W. BOX  
MAXILIAN A. FARBMAN  
EDWARD T. BECK  
E. STEELE McINTYRE

*April 8, 1981*

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

Re: SEE ATTACHED SHEET

Gentlemen:

*In reference to 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 on drilling these locations at a later date, please notify as such.*

*Your prompt attention to the above will be greatly appreciated.*

*Very truly yours,*

DIVISION OF OIL, GAS, AND MINING

SANDY BATES  
CLERK-TYPIST

ATTACHED SHEET

1. Well No. Federal Harris #1  
Sec. 21, T. 20S. R. 24E.  
Grand County, Utah
2. Well No. Lansdale Federal #4  
Sec. 29, T. 20S. R. 24E.  
Grand County, Utah
3. Well No. Lansdale Federal #31-1  
Sec. 31, T. 18S. R. 25E.  
Grand County, Utah
4. Well No. Lansdale State #32-2  
Sec. 32, T. 18S. R. 25E.  
Grand County, Utah
5. Well No. Lansdale Federal #34-1  
Sec. 34, T. 18S. R. 25E.  
Grand County, Utah



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

December 22, 1981

*Called 4-9-82  
will be sending  
in Sunday*

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

Re: See Attached

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 we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill these wells, and action will be taken to terminate the application. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

*Cari Furse*

Cari Furse  
Clerk Typist

Well No. Federal Harris #1  
Sec. 21, T. 20S, R. 24E  
Grand County, Utah

Well No. Lansdale Federal #4  
Sec. 29, T. 20S, R. 24E.  
Grand County, Utah

Well No. Lansdale State #32-2  
Sec. 32, T. 18S, R. 25E  
Grand County, Utah

Well No. Lansdale Federal #31-1  
Sec. 31, T. 18S, R. 25E  
Grand County, Utah

SECOND NOTICE ON ALL ABOVE.



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 15, 1983

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

Re: Well No. Federal Lansdale # 5  
3223' FSL, 532' FWL  
SW NW, Sec. 4, T. 20S, R. 24E.  
Grand County, Utah

Well No. Lansdale Federal # 4  
1720' FNL, 3516' FWL  
SW NE, Sec. 29, T. 20S, R. 24E.  
Grand County, Utah

Dear Mr. Broadhead:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned wells are due and have not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

We will be happy to acknowledge receipt of 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 second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse  
Well Records Specialist

CF/cf  
Enclosure



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

September 22, 1982

Walter D. Broadhead  
1645 North 7th Street  
Grand Junction, Colorado 80501

*Drilled, working  
on completion*

*2-25-83*

*spoke with W. Broadhead*

Re: Well No. Lansdale Federal #4  
Sec. 29, T. 20S, R. 24E.  
Grand County, Utah

Well No. State L. B. #1  
Sec. 32, T. 20S, R. 24E.  
Grand County, Utah

Dear Mr. Broadhead:

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 or the required monthly drilling reports on the above subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, or on company forms containing substantially the same information. We are enclosing forms for your convenience.

\*\*If we do not hear from your office within fourteen days, this file will be turned over to the Attorney at the Division of Oil, Gas and Mining for legal action.

Thank you for your cooperation to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

*Cari Furse*

Cari Furse  
Clerk Typist

CF/cf  
Enclosure

Board/Charles R. Henderson, Chairman • John L. Bell • E. Steele McIntyre • Edward T. Beck  
Robert R. Norman • Margaret R. Bird • Herm Olsen

to Fed & State 9-29-83

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

RECEIVED

OCT 28 1985

1. oil well  gas well  other

2. NAME OF OPERATOR DIVISION OF OIL  
Walter D. Broadhead GAS & MINING

3. ADDRESS OF OPERATOR  
1645 N. 7th. St. Grand Jct. Co 81501

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE:  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE U-7218

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
A. Lansdale

9. WELL NO.  
Fed. Lansdale #4

10. FIELD OR WILDCAT NAME  
Greater Cisco Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
S 29 T20S R24E S1M  
SW 1/4 NE 1/4

12. COUNTY OR PARISH Grand 13. STATE Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4532

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

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Surface pipe 94' cement 24 SX  
6 1/2" hole to TD 733'  
Set 632' of 4 1/2' casing cement with 30SX  
Drilled out to 655 and had a show of oil  
well is shut in currently

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

18. I hereby certify that the foregoing is true and correct  
SIGNED Walter D. Broadhead TITLE Operator DATE 9/23/83

(This space for Federal or State office use)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other

2. NAME OF OPERATOR  
Walter D. Broadhead

3. ADDRESS OF OPERATOR  
1645 N. 7th. St. Grand Jct. Co 81501

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE:  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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

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

5. LEASE U-7218

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
A. Lansdale

9. WELL NO.  
Fed. Lansdale #4

10. FIELD OR WILDCAT NAME  
Greater Cisco Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
S 29 T20S R24E S1M SW 1/4 NE 1/4

12. COUNTY OR PARISH Grand 13. STATE Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4532

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Surface pipe 94' cement 24 SX  
6 1/2" hole to TD 733'  
Set 632' of 4 1/2' casing cement with 30SX  
Drilled out to 655 and had a show of oil well is shut in currently

**RECEIVED**  
OCT 31 1983

DIVISION  
OIL, GAS & MINING

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

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

SIGNED Walter D. Broadhead TITLE Operator DATE 9/23/83

(This space for Federal or State office use)

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



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

May 29, 1984

Walter D. Broadhead  
1645 N 7th St.  
Grand Junction, Colorado 81501

RE: Delinquent monthly reports  
List of wells attached

Dear Mr. Broadhead:

Our records indicate that you have not filed the monthly drilling reports for the months indicated on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month every month until the well is completed. This report may be filed on Form OGC-1b, "Sundry Notices and Reports on Wells." We are enclosing forms for your convenience.

We will be happy to acknowledge receipt of 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 second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

A handwritten signature in cursive script that reads "Claudia Jones".

Claudia Jones  
Well Records Specialist

CLJ/cj

Enclosure

cc: Dianne R. Nielson, DOGM  
Ronald J. Firth, DOGM  
file

Delinquent monthly reports

-2-

May 29, 1984

Well No. Fed. Broadhead 17-1  
500' FNL, 1565' FEL  
Sec. 17, T. 21S, R. 24E.  
Grand County, Utah  
API #43-019-30997

October 1983 to present

Well No. Fed. Lansdale #4  
1720' FNL, 3516' FWL  
Sec. 29, T. 20S, R. 24E.  
Grand County, Utah  
API #43-019-30717

October 1983 to present

Well No. Federal KEAS #8  
1292' FSL, 981' FEL  
Sec. 5, T. 20S, R. 24E.  
Grand County, Utah  
API #43-019-31113

January 1984 to present

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-7218

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

A. Lansdale

9. WELL NO.

Fed. Lansdale #4

10. FIELD AND POOL, OR WILDCAT

Greater Cisco Area

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

Sec. 29, T.20S.R.24. E.

SLM. SW 1/4 NE1/4.

12. COUNTY OR PARISH 13. STATE

Grand

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 North 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

SW1/4 <sup>NE</sup> SW1/4 Sec.29, T.20S. R.24E. SLM

14. PERMIT NO.

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

4532'

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other)

(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 94'

Set 632' of 4 1/2" casing

Will not pull. *COSING*

Will fill casing with cement. *Acceptable.*

Regulation marker.

Minimum requirements for PxA:

1. 100' cement plug at 4 1/2" csg. seat. (50' above and 50' below csg. seat)
2. 10sx cement plug at surface.
3. All csg. annuli open to surface to be cemented w/ at least 10sx.
4. Regulation dry hole marker.
5. Plugging program given by Federal requirements is acceptable.

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

SIGNED

*Walter D. Broadhead*

TITLE Operator

DATE 6-28-84

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

*Acceptable.*  
RECEIVED  
JUL 2 1984  
DIVISION OF OIL  
GAS & MINING  
ACCEPTED  
APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 7/5/84  
BY: John R. Bay

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other

2. NAME OF OPERATOR  
Walter D. Broadhead

3. ADDRESS OF OPERATOR  
1645 N. 7th. St. Grand Jct. Co 81501

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE:  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
U-7218

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
A. Lansdale

9. WELL NO.  
Fed. Lansdale #4

10. FIELD OR WILDCAT NAME  
Greater Cisco Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
S 29 T20S R24E SIM SW 1/4 NE 1/4

12. COUNTY OR PARISH  
Grand

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4532

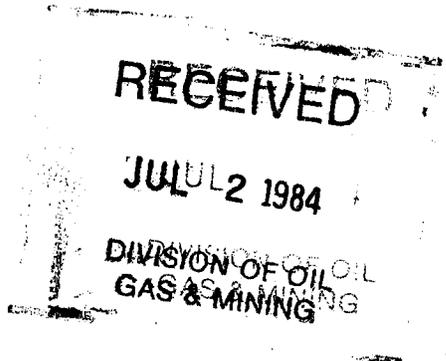
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Surface pipe 94' cement 24 SX  
6 1/2" hole to TD 733'  
Set 632' of 4 1/2' casing cement with 30SX  
Drilled out to 655 and had a show of oil  
well is shut in currently



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

18. I hereby certify that the foregoing is true and correct  
SIGNED Walter D. Broadhead TITLE Operator DATE 6-20-84

(This space for Federal or State office use)

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



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

January 28, 1985

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

Gentlemen:

Re: Well No. Fed. Lansdale #4 - Sec. 29, T. 20S., R. 24E.  
Grand County, Utah - API #43-019-30717

Our office received a Notice of Intention to Abandon the above referred to well dated June 28, 1984. This office has not received the "Sundry Notice" of subsequent abandonment on this well.

This letter is to advise you that the "Well Completion or Recompletion Report and Log" and the subsequent notice of abandonment for the above referred to well are due and have not been filed with this office as required by our rules and regulations.

Please complete the enclosed forms and forward them to this office as soon as possible, but not later than February 28, 1985.

Thank you for your prompt attention to this matter.

Sincerely,

A handwritten signature in cursive script that reads "Claudia L. Jones".

Claudia L. Jones  
Well Records Specialist

Enclosures (4)  
cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File  
0009S/15



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

July 23, 1985

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

Gentlemen:

Re: Well No. Lansdale Federal #4 - Sec. 29, T. 20S., R. 24E.,  
Grand County, Utah - API #43-019-30717

Our office received a notice of intention to abandon the above referenced well dated June 28, 1984. As of this date, this office has not received the notice of subsequent abandonment on this well.

Also, please be advised that the Well Completion or Recompletion Report and Log is due and has not been received by this office.

Please complete the enclose forms and forward them to this office as soon as possible, but no later than August 6, 1985.

Respectfully,

A handwritten signature in cursive script, appearing to read "Norman".

Norman C. Stout  
Administrative Assistant

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

161S/4



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

October 9, 1985

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

Gentlemen:

Re: Well No. Lansdale Federal #4 - Sec. 29, T. 20S., R. 24E.,  
Grand County, Utah - API #43-019-30717

A letter requesting that you send in the subsequent plugging and abandonment report for the above referenced well was sent from our office on July 23, 1985. A copy of this letter is enclosed. The requested report has not yet been received .

Please take care of this matter as soon as possible, but not later than October 23, 1985.

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/60

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

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

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

LEASE DESIGNATION AND SERIAL NO.

U-7218

6. IF UNDEAR, SITES OR TRIBE NAME

**SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED**

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

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		OCT 28 1985		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Walter D. Broadhead		DIVISION OF OIL GAS & MINING		8. FARM OR LEASE NAME A. Lansdale	
3. ADDRESS OF OPERATOR 1645 North 7th St. Grand Junction, Colo. 81501				9. WELL NO. Fed. Lansdale No. 4	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SW 1/4 NE 1/4 Sec. 29. T20S. R24E. SLM				10. FIELD AND POOL, OR WILDCAT Greater Cisco Area	
				11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA Sec.29; T20S. R24E.	
14. PERMIT NO.	15. ELEVATIONS (Show whether of, ft. or, etc.) 4532'	12. COUNTY OR PARISH Grand	13. STATE Utah		

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <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 type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <b>Shut IN</b>		(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.)\*

I had asked for plug permission.

I have changed plans. I plan to do a fluid breakdown at some later date.

We had a show of oil in well. The well is cased and shut in at present.

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

SIGNED Walter D. Broadhead TITLE Operator DATE 10-9-85

(This space for Federal or State office use)

APPROVED BY ACCEPTED TITLE BRANCH OF FLUID MINERALS DATE 18 OCT 1985  
CONDITIONS OF APPROVAL, IF ANY: MOAB DISTRICT

\*See Instructions on Reverse Side

D-58792

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

SUBMIT IN TRIPLICATE  
(Other instructions  
verse side)

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(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.)</small>		3. LEASE DESIGNATION AND SERIAL NO. <b>U-7218</b>  6. IF INDIAN, ALLOTTEE OR TRIBE NAME   7. UNIT AGREEMENT NAME   8. FARM OR LEASE NAME <b>A. Lansdale</b>  9. WELL NO. <b>Fed. Lansdale No. 4</b>  10. FIELD AND POOL, OR WILDCAT <b>Greater Cisco Area</b>  11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 29; T20S. R24E.</b>
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	<b>OCT 28 1985</b>	
2. NAME OF OPERATOR <b>Walter D. Broadhead</b>	DIVISION OF OIL GAS & MINING	
3. ADDRESS OF OPERATOR <b>1645 North 7th St. Grand Junction, Colo. 81501</b>	12. COUNTY OR PARISH <b>Grand</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>SW 1/4 NE 1/4 Sec. 29. T20S. R24E. SLM</b>	13. STATE <b>Utah</b>	
14. PERMIT NO.	15. ELEVATIONS (Show whether top, st. or, etc.) <b>4532'</b>	

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"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <b>Shut IN</b>	PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON* <input type="checkbox"/> CHANGE PLANS <input checked="" type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <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.)\*

I had asked for plug permission.

I have changed plans. I plan to do a fluid breakdown at some later date.

We had a show of oil in well. The well is cased and shut in at present.

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

SIGNED <u>Walter D. Broadhead</u>	TITLE <u>Operator</u>	DATE <u>10-9-85</u>
(This space for Federal or State office use)		
APPROVED BY <b>ACCEPTED</b>	TITLE <b>BRANCH OF FLUID MINERALS</b> <b>MOAB DISTRICT</b>	DATE <u>18 OCT 1985</u>
CONDITIONS OF APPROVAL, IF ANY:		

\*See Instructions on Reverse Side

OPERATOR

Oct. 23, 1985  
1645 N. 7th St.  
Grand Jct. CO 81501

RECEIVED

OCT 28 1985

DIVISION OF OIL  
GAS & MINING

State of Utah - Natl. Resources  
355 W. North Temple  
3 Triad Center - Suite 350  
Salt Lake City, UT 84180

Attention: Norman C. Stout

Re: Well No. Lansdale Federal #4 - Sec.29, T.20S. R.24E.  
Grand County, Utah - API #43-019-30717

Dear Sir:

Plans for this well have changed. Attached is a copy of my report on this sent to the U.S. Dept. of Interior on 10-9-85.

Also attached is a copy of a report on this well dated 9-23-83 which was sent to the U.S. Dept. of Interior.

Also enclosed is a copy of a log done on this well by Acculog Field Services, Grand Jct. Colo., date of drilling 20 Jan. 1981.

If there are any further questions, please let me know.

Sincerely,

*Walter D. Broadhead*

Walter D. Broadhead

WDB:mro

RECEIVED

OCT 28 1985

DIVISION OF OIL  
GAS & MINING

Oct. 23, 1985

1645 N. 7th St.

Grand Jct. CO 81501

State of Utah Natl. Resources

355 W. North Temple

3 Triad Center Suite 350

Salt Lake City, Utah 84180

Attention: Pam Kenna

Re: Well No. Lansdale Federal #4 - Sec. 29, T. 20S., R. 24E

The plans for this well have been changed. A copy of my report to the U.S. Dept. of Interior dated Oct. 9, 1985 is attached herewith. Please let me know if there are any further questions.

Sincerely,

*Walter D. Broadhead*  
Walter D. Broadhead

WDB:mro



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 12, 1986

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

Gentlemen:

Re: Well No. Lansdale Federal #4 - Sec. 29, T. 20S, R. 24E  
Grand County, Utah - API #43-019-30717

A records review indicates that no required reports for the referenced well have been filed since October 1985. Monthly drilling reports must be submitted to account for the time between spudding and well completion.

Please use the address listed below to provide the required information at your earliest convenience, but not later than August 28, 1986.

Utah Division of Oil, Gas and Mining  
Attention: Suspense File - Norm Stout  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Future reports should be submitted as required in a timely fashion.

Respectfully,

A handwritten signature in cursive script, appearing to read 'Norman C. Stout'.

Norman C. Stout  
Records Manager

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

0448S/17



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

September 9, 1986

RETURN RECEIPT REQUESTED  
P 168 903 938

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

# 2nd NOTICE

Gentlemen:

Re: Well No. Lansdale Federal #4 - Sec. 29, T. 20S, R. 24E  
Grand County, Utah - API #43-019-30717

A records review indicates that no required reports for the referenced well have been filed since October 1985. Monthly drilling reports must be submitted to account for the time between spudding and well completion.

Please use the address listed below to provide the required information at your earliest convenience, but not later than September 30, 1986.

Utah Division of Oil, Gas and Mining  
Attention: Suspense File - Norm Stout  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Future reports should be submitted as required in a timely fashion.

Respectfully,

Norman C. Stout  
Records Manager

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

0448S/17

TELEPHONE CONTACT DOCUMENTATION

CONTACT NAME: WALTER

CONTACT TELEPHONE NO.: (303) 242-7

SUBJECT: LANSDALE FED #4 29-203  
STATUS?

(Use attach

RESULTS: WALTER ADVISES THAT EVEN  
WELL REQUIRES COMPLETION  
HE DOES NOT WANT THE WELL  
STATUS, BECAUSE HE SAID  
TAXES WHICH HE SAYS WOULD  
DISCUSS IT IN THE OFFICE AND  
ADDITIONAL TAX FROM DECLAR

(Use attach

CONTACTED BY: [Signature]

DATE: 4-29-87

5-7-87

Ed,  
Plz. check w/ BLM & find out what they consider is the status of these wells. We will make decision based on their info.

[Signature]  
TRB

5-8-87

spoke to Michael Kaminski  
BLM - Moab

Lansdale Fed. # 4  
(status) TA as of Jan. 21, 1987

Broadhead Fed. # 7-4  
(status) Shut-in Gas Well as of 1986

100  
WELL  
ETC  
IONAL  
WELL

COMPANY: WALTER D. BROADHEAD UT ACCOUNT # \_\_\_\_\_ SUSPENSE DATE: \_\_\_\_\_

TELEPHONE CONTACT DOCUMENTATION

CONTACT NAME: WALTER

CONTACT TELEPHONE NO.: (303) 242-7717

SUBJECT: LANSDALE FED #4 29-203, 24E 43,019-30717 GRAND  
STATUS?

(Use attachments if necessary)

RESULTS: WALTER ADVISES THAT EVEN THOUGH TD WAS REACHED IN 1982, THE  
WELL REQUIRES COMPLETION WORK TO MAKE THE HOLE INTO A WELL.  
HE DOES NOT WANT THE WELL TO BE GIVEN ANY KIND OF A COMPLETED  
STATUS, BECAUSE HE SAID IT WOULD REQUIRE HIM TO PAY ADDITIONAL  
TAXES WHICH HE SAYS WOULD NOT BE JUSTIFIED. I TOLD HIM WE WOULD  
DISCUSS IT IN THE OFFICE AND HE SAID HE WOULD RATHER P&A THAN PAY  
ADDITIONAL TAX FROM DECLARING IT AS A COMPLETED WELL.

(Use attachments if necessary)

CONTACTED BY: Norm

DATE: 4-29-87

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other *Show of oil*

2. NAME OF OPERATOR  
*Walter D. Broadhead*

3. ADDRESS OF OPERATOR  
*1645 N. 7th Grand Junction Co. 81501*

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE:  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
*U. 7218*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
*Lansdale*

9. WELL NO.  
*Lansdale No. 4*

10. FIELD OR WILDCAT NAME  
*Greater CISOA Area*

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
*Sec 29, T20S, R24E SW NE 4*

12. COUNTY OR PARISH | 13. STATE  
*Grand | Utah*

14. API NO.  
*43-019-30717*

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
*4532*

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

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

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

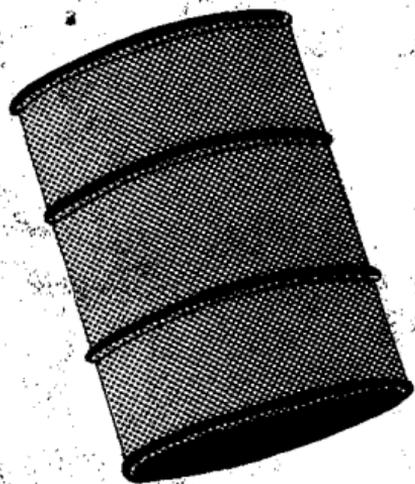
18. I hereby certify that the foregoing is true and correct

SIGNED *Walter D. Broadhead* TITLE *operator* DATE *2-16-87*

(This space for Federal or State office use)

APPROVED BY *[Signature]* TITLE *District Manager* DATE *3/6/87*  
CONDITIONS OF APPROVAL, IF ANY:

Operator



Mr. Stort

This is not a well  
with a tree it might  
Make oil

5-8-37

Norm,

Based on the attached notes, I think we can administratively consider both these wells completed with well status that matches BCM records.

Landsdale Fed. #4 - TA

Broadhead Fed. #1-4 - SI

Thx  
JRB

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5

6. LEASE DESIGNATION AND SERIAL NO.

17218

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION

**RECEIVED**  
MAY 29 1987

8. UNIT AGREEMENT NAME

060229

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

Walter D. Broadhead

DIVISION OF  
OIL, GAS & MINING

3. ADDRESS OF OPERATOR

1645 N. 7th Blvd Junction Colorado 81501

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

At surface 1995 Ft From North Line 2,210 Ft from  
At top prod. interval reported below West Line Sec 29 T20S R24E  
At total depth Grand County Utah

14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH 13. STATE

5. FARM OR LEASE NAME

Alandale

9. WELL NO.

Fed Land's No 4

10. FIELD AND POOL, OR WILDCAT

Greater Cisco Area

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

Sec. 29, T20S R24E

15. DATE SPUNDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 19. ELEV. CASINGHEAD

12-29-80 1-18-81 2-20-82 4525 4585

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY 24. ROTARY TOOLS 25. CABLE TOOLS

733 662 → Rotary

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

644 to 654 Brush MRSN

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction

27. WAS WELL CORED

NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7" New	17 LB	86'	8 3/4"	Circulate to Surface	
4 1/2" New	9 1/2	640	6 1/4"	25 5X	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
				See APD and plat footages

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

open hole (1729 FNL 3516 FNL).  
Nothing in file indicates a change of location.  
APD footages extend into 3270.  
DTS

CID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

AL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.\*

DATE FIRST PRODUCTION PRODUCTION METHOD (type of pump) WELL STATUS (Producing or shut-in)

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

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

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED Walter D Broadhead

TITLE Operator

DATE 3-6-86

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved. Budget Bureau No. 42-R355.5

6. LEASE DESIGNATION AND SERIAL NO.

17218

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION

RECEIVED MAY 29 1987

UNIT AGREEMENT NAME

060229

1a. TYPE OF WELL:

OIL WELL [X] GAS WELL [ ] DRY [ ]

b. TYPE OF COMPLETION:

NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other [ ]

2. NAME OF OPERATOR

Walter D. Broadhead

DIVISION OF OIL, GAS & MINING

3. ADDRESS OF OPERATOR

1645 N. 7th Blvd Junction Coloyado 81501

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

At surface 1975 Ft From North Line 2,210 Ft from West Line Sec 29 T20S R24E Grand County Utah

5. FARM OR LEASE NAME

Alandale

9. WELL NO.

Fed Land's No 4

10. FIELD AND POOL, OR WILDCAT

Greater Cisco Area

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

Sec. 29, T20S R24E

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

13. STATE

15. DATE SPUNDED

12-29-80

16. DATE T.D. REACHED

1-18-81

17. DATE COMPL. (Ready to prod.)

2-20-82

18. ELEVATIONS (DF, REB, RT, GR, ETC.)\*

4525

19. ELEV. CASINGHEAD

4585

20. TOTAL DEPTH, MD & TVD

733

21. PLUG, BACK T.D., MD & TVD

662

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

Rotary

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

644 to 654 Brush MRSN

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction

27. WAS WELL CORED

NO

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

Table with columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Includes entries for 7" New and 4 1/2" New casing.

29. LINER RECORD

Table with columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT\*, SCREEN (MD). Includes empty rows for recording data.

30. TUBING RECORD

Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD). Includes empty rows for recording data.

31. PERFORATION RECORD (Interval, size and number)

open hole

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

Table with columns: DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED. Includes empty rows for recording data.

33.\* PRODUCTION

Table with columns: DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS, DATE OF TEST, HOURS TESTED, CHOKER SIZE, PROD'N. FOR TEST PERIOD, OIL-BBL., GAS-MCF., WATER-BBL., GAS-OIL RATIO, FLOW. TUBING PRESS., CASING PRESSURE, CALCULATED 24-HOUR RATE, OIL-BBL., GAS-MCF., WATER-BBL., OIL GRAVITY-API (CORR.).

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED Walter D Broadhead

TITLE operator

DATE 3-6-86

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

# INSTRUCTIONS

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

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

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

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

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Maneus	18'	350	Grey to Black shale
Dakota	350	480	Sand & shale
Morrison	480	733	Green & Red shale
TOP			
			MEAS. DEPTH
			TRUE VERT. DEPTH
Dakota Silt		300'	
Morrison Green & Red Shale		430	

MEMO TO FILE

December 15, 2003

To: Well File:  
Lansdale Federal 4  
API 43-019-30717  
29-T20S-R24E  
Grand County, Utah

From: Don Staley

Re: Orphan Well Status

Documentation was obtained from Marie McGann, BLM Moab Field Office, on November 19 2003 showing that the BLM has classified this federal lease well as an orphan. Based on this, division management made the decision on December 15, 2003, that this well should be moved from Walter Broadhead (N1130) to Orphan – No Responsible Operator (N9999). The operator was changed in the division's computer database to N9999 on December 15, 2003.

Attachment (BLM documentation)

ORPHAN WELL LISTING  
as of 4/17/03

<u>Lease</u>	<u>Well</u>	<u>API#</u>	<u>Location</u>
UTU034745	Fed 3 ✓ Fed 4	4301930040 4301930717	SWSW Sec. 29, T20S, R24E SWSW Sec. 29, T20S, R24E
UTU070752	Keas 2 Keas 3A Keas 8	4301915097 4301915098 4301931113	SESE Sec. 5, T20S, R24E SESE Sec. 5, T20S, R24E SESE Sec. 5, T20S, R24E
UTU38366	1	4301920092	SWNW Sec. 14, T20S, R24E
UTU26420	17-1 (aka 17-2)	4301930997	NENW Sec. 17, T21S, R24E
UTU38365	9-2A	4301931150	SENE Sec. 9, T20S, R24E
UTU24606	25-5	4301931145	SENE Sec. 25, T20S, R23E
UTU49684	21-1	4301931072	SWSW Sec. 21, T18S, R25E
UTU69951	Lansdale 8	4301930037	NWSW Sec. 27, T18S, R25E
UTU69950	29-3	4301931343	NWNW Sec. 29, T18S, R25E
UTU69423	Lansdale 3	4301915597	SWNE Sec. 3, T21S, R23E

List sent via email to Mike Hebertson -- DOGM  
by

Marie McGann  
BLM Moab Field Office  
435-259-2135

on 11/19/2003

with the following comments:

Attached is an Excel spreadsheet of the Moab Field Office orphan wells.  
Please let me know if you have any questions.