

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 No. 7th St. Grand Junction, CO. 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface ~~North~~ 3,267 ft. from Southline and ~~west~~ 433 ft. from Eastline.  
 At proposed prod. zone Sec. 9, T20S, R24E. SLB&M *SE NE*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 About 11 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) 2,207 ft.

16. NO. OF ACRES IN LEASE 640

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. 1,320 ft.

19. PROPOSED DEPTH 1,500 ft. *Measured*

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4,564 GR.

22. APPROX. DATE WORK WILL START\* May 1, 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Surface 8-3/4"	7"	17 lb.	100 ft.	circulate to surface 200 ft.
6-1/4"	4-1/2"	10-1/2 lb.	TD	

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 distanced 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

MAY 2 1984

DIVISION OF OIL  
GAS & MINING

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

DATE: *[Signature]*  
BY: *[Signature]*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present depth 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 4-29-1984

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

EXHIBIT "B"

TEN-POINT COMPLIANCE PROGRAM OF NTL-6

APPROVAL OF OPERATIONS

WALTER D. BROADHEAD

Federal Lansdale No. 9-2A  
SE 1/4 NE 1/4 Sec. 9 T20S, R24E, SLB & M  
Grand County, Utah

1. Geologic Surface Formation

The surface formation is Mancos.

2. Important Geologic Markers

<u>Formation</u>	<u>Depth</u>
Dakota	1050'

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

<u>Formation</u>	<u>Depth</u>	<u>Fluids</u>
Brush Creek	1250'	Gas and/or Oil and/or Water

4. Proposed Casing Program

Surface Casing:

- (a) Drill 8 5/8" hole to 100' and set 7" 17-lb. cemented to surface
- (b) Drill 6 1/4" and set 4 1/2" 10.5 lb. casing

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 1200'; from 1500' 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 May 1, 1984 or as soon as possible after approval of all drilling requirements.

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

## EXHIBIT "D"

### MULTI-POINT REQUIREMENTS TO ACCOMPANY APD

WALTER D. BROADHEAD  
Federal Lansdale No. 9-2A  
SE 1/4 SE 1/4 Sec. 9, T20S, R24E, SLB&M  
Grand County, Utah

#### 1. Existing Roads

- A. Exhibit "A" is the proposed well site as staked by Udell 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 11 miles Northeasterly from Cisco, Utah. To reach the location, travel Northeasterly from Cisco 5.4 miles on old U.S. Highway 6 & 24; turn left and go under Interstate 70 and proceed Northerly on 30' Grand County gravelled road for a distance of 2.7 miles to a 3-way intersection (corrals are on the right); turn right onto a 25' dirt road (old rail-road bed) and go east for two miles. At the end of two miles you will find a road going north. Take this road for 1/2 mile north. Turn left 750' to location.
- 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" and "F".
- E. This is considered a Development Well.
- F. All roads from Cisco to the Agate Oil Field are in good condition and carry heavy truck traffic regularly. The next mile of existing roadway will be maintenance graded as equipment moves in to construct well pad.

#### 2. Planned Access Roads

The 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 Cottonwood Wash, 2 miles north of 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 1984.

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 Cottonwood Wash, 2 miles north of the location.

The nearest occupied dwelling is in Cisco, Utah, 9.9 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

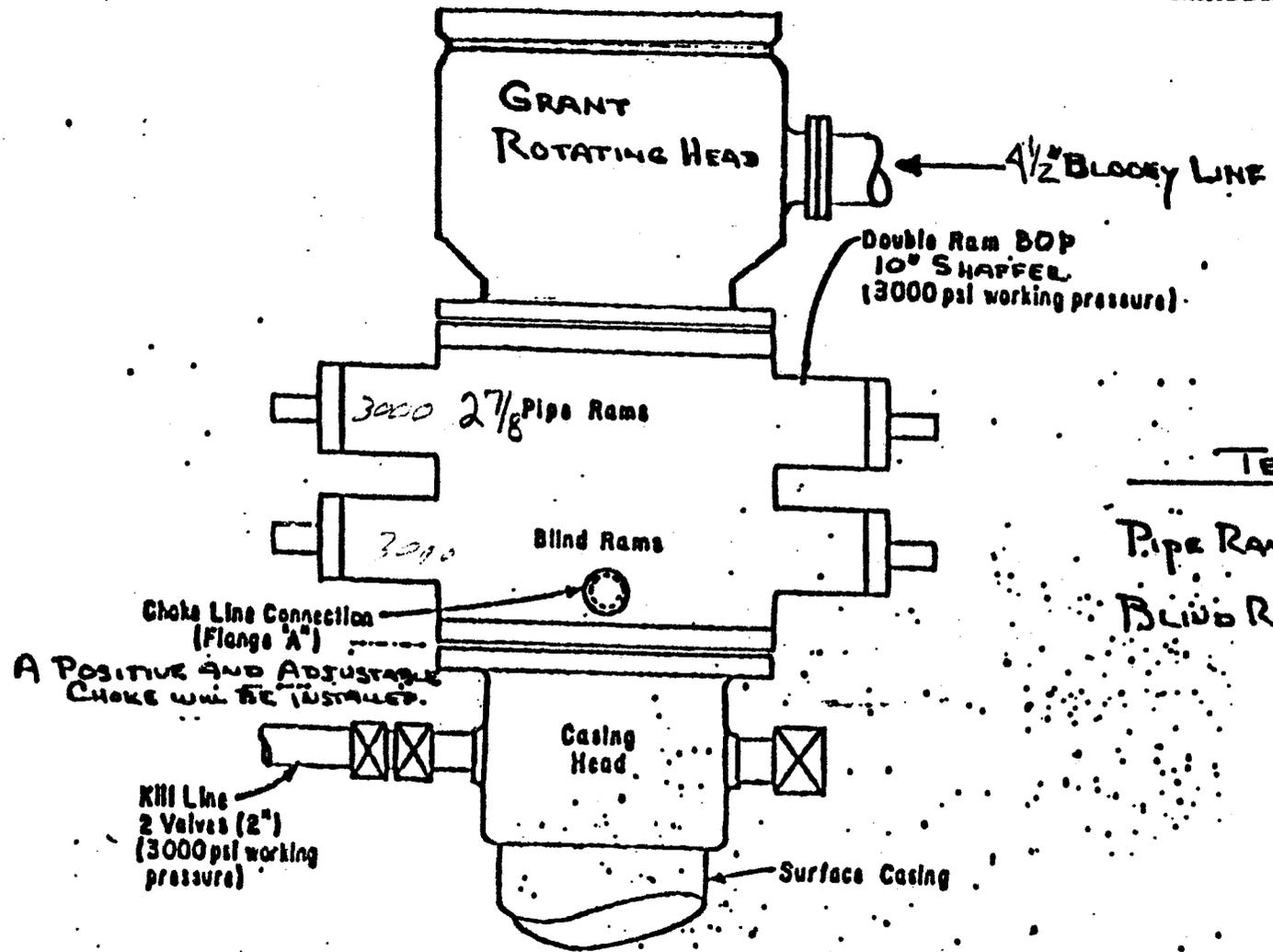
13. Certification

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.

4-24-1984  
Date

Walter D. Broadhead  
Name and Title  
operator

EXHIBIT "C"



TESTING FREQUENCY

Pipe Rams: DAILY  
Blind Rams: EVERY TRIP

Exhibit 'G'  
Drill Pad Layout  
Federal Lansdale No. 9  
Grand County, Utah

TOPSOIL

STOCKPILE

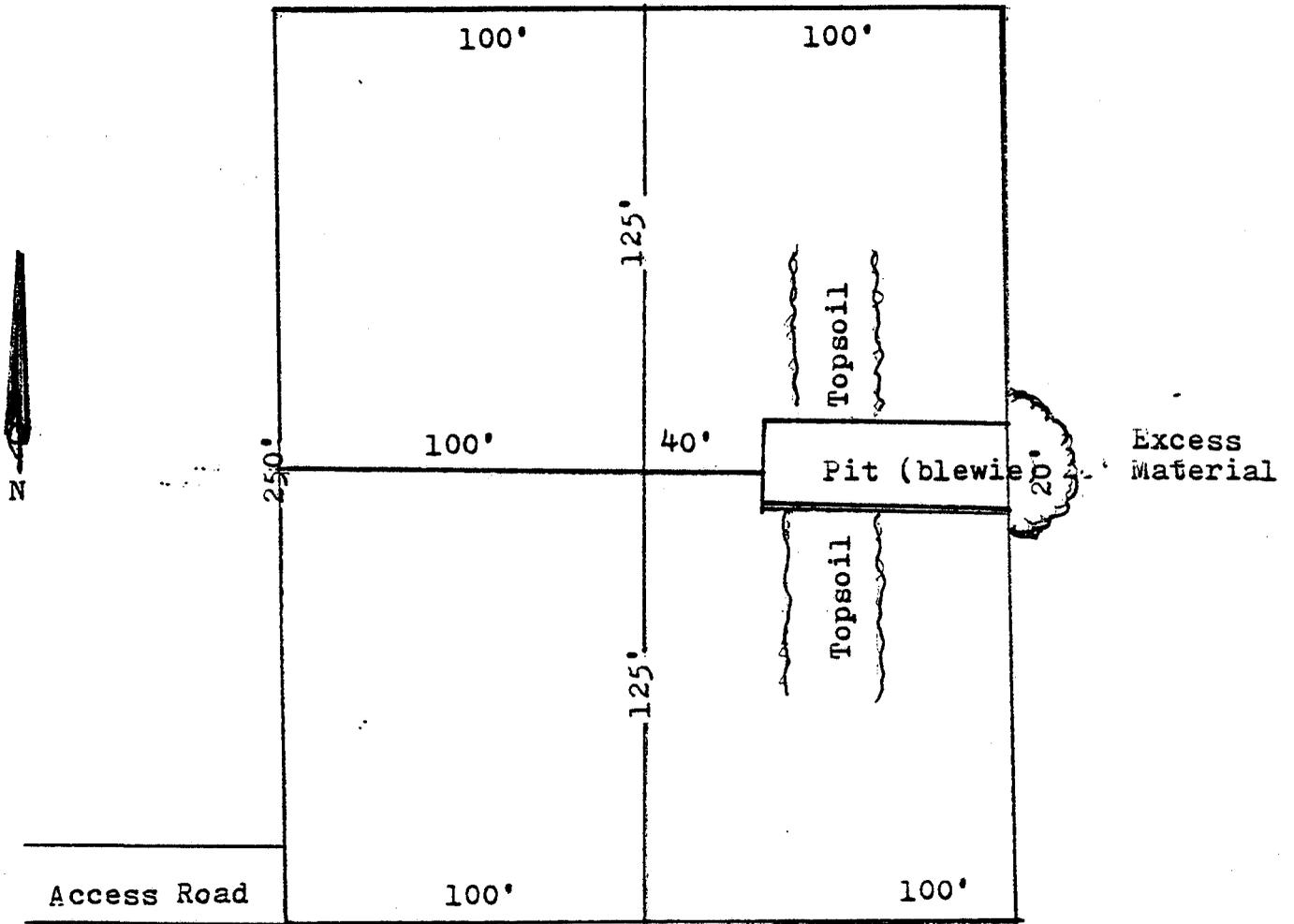


Exhibit "H"  
Drill Rig Layout

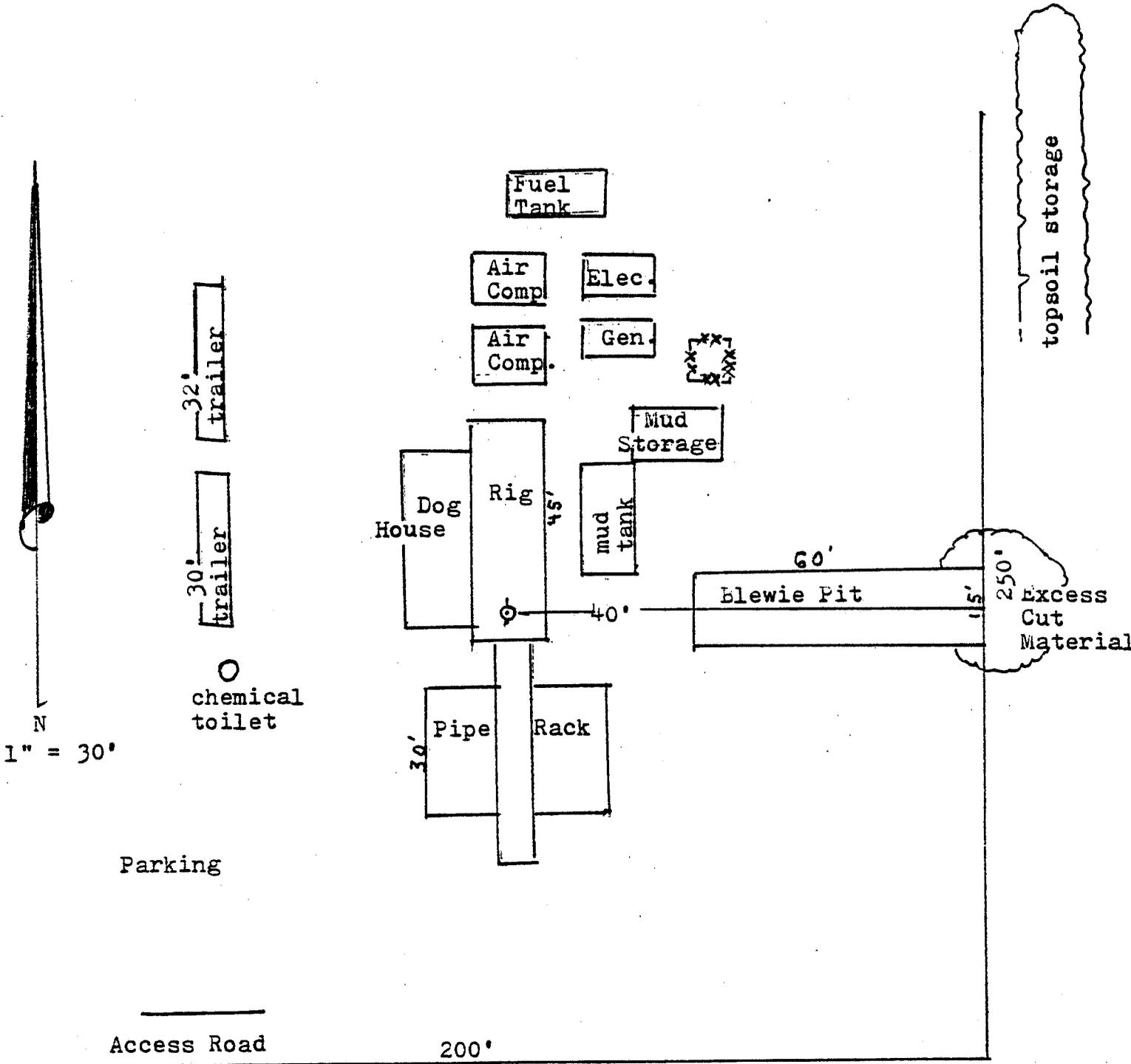
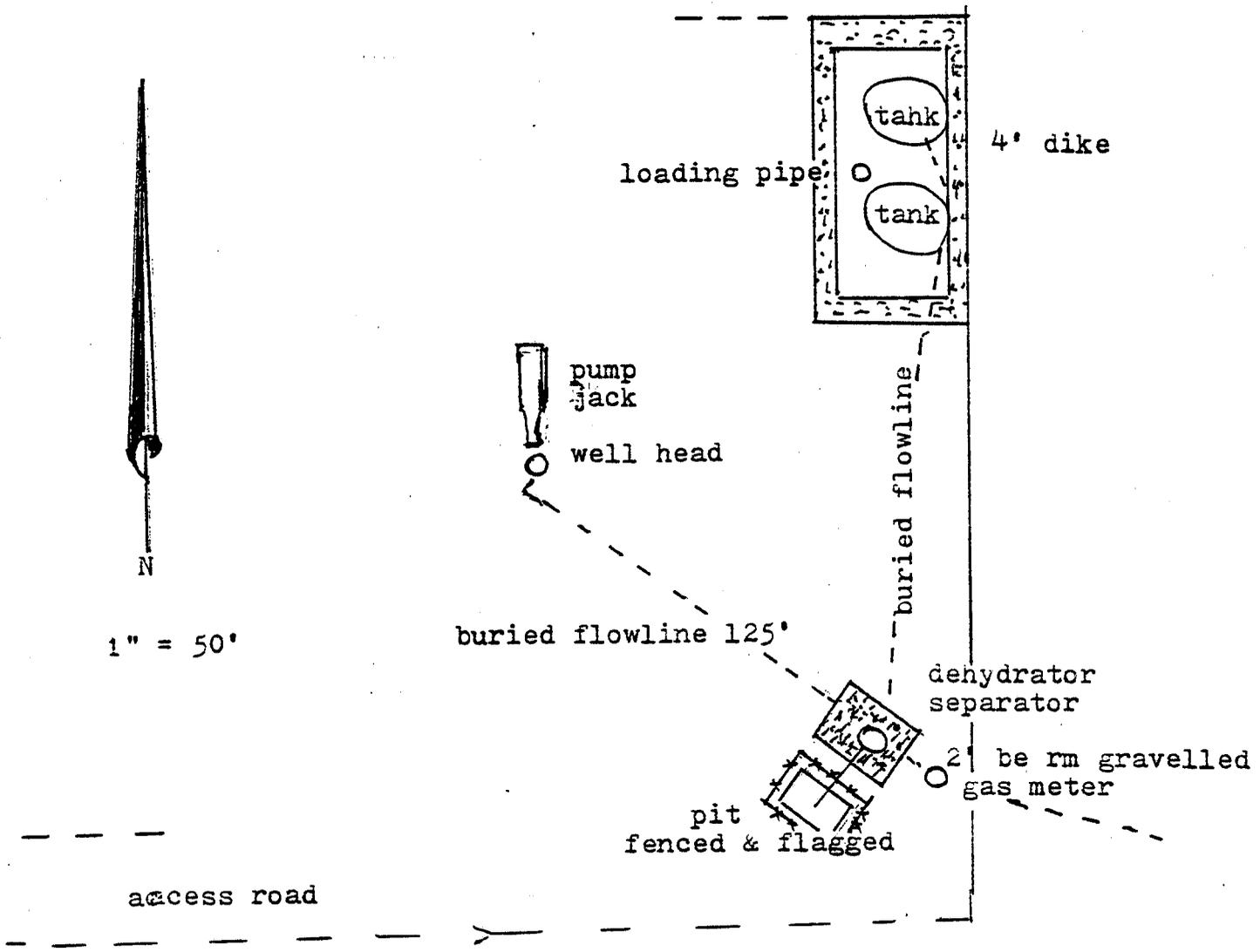


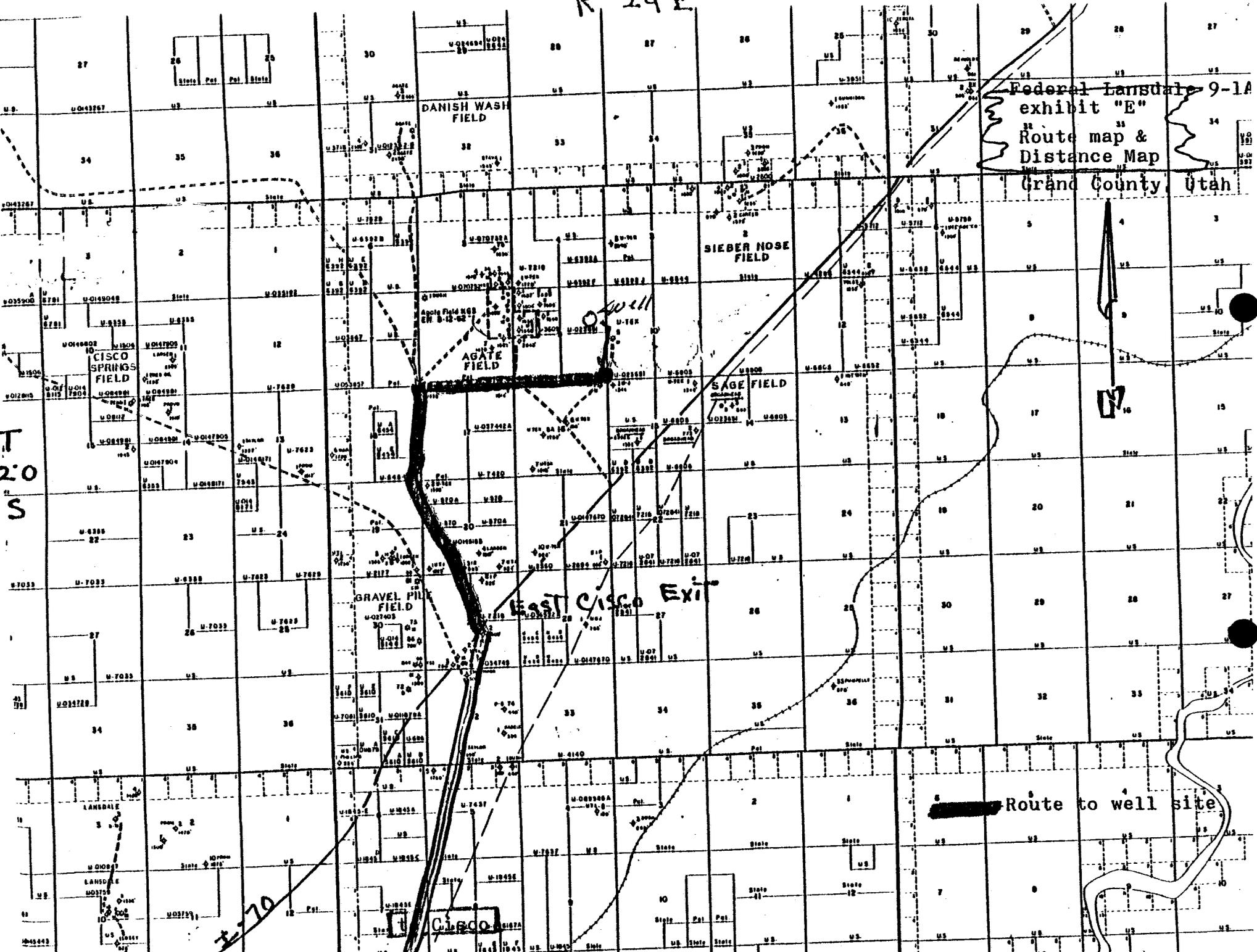
Exhibit "I"  
Production Facilities



R 24 E

Federal Lands Sale 9-1A  
Exhibit "E"  
Route map &  
Distance Map  
Grand County, Utah

T 20 S

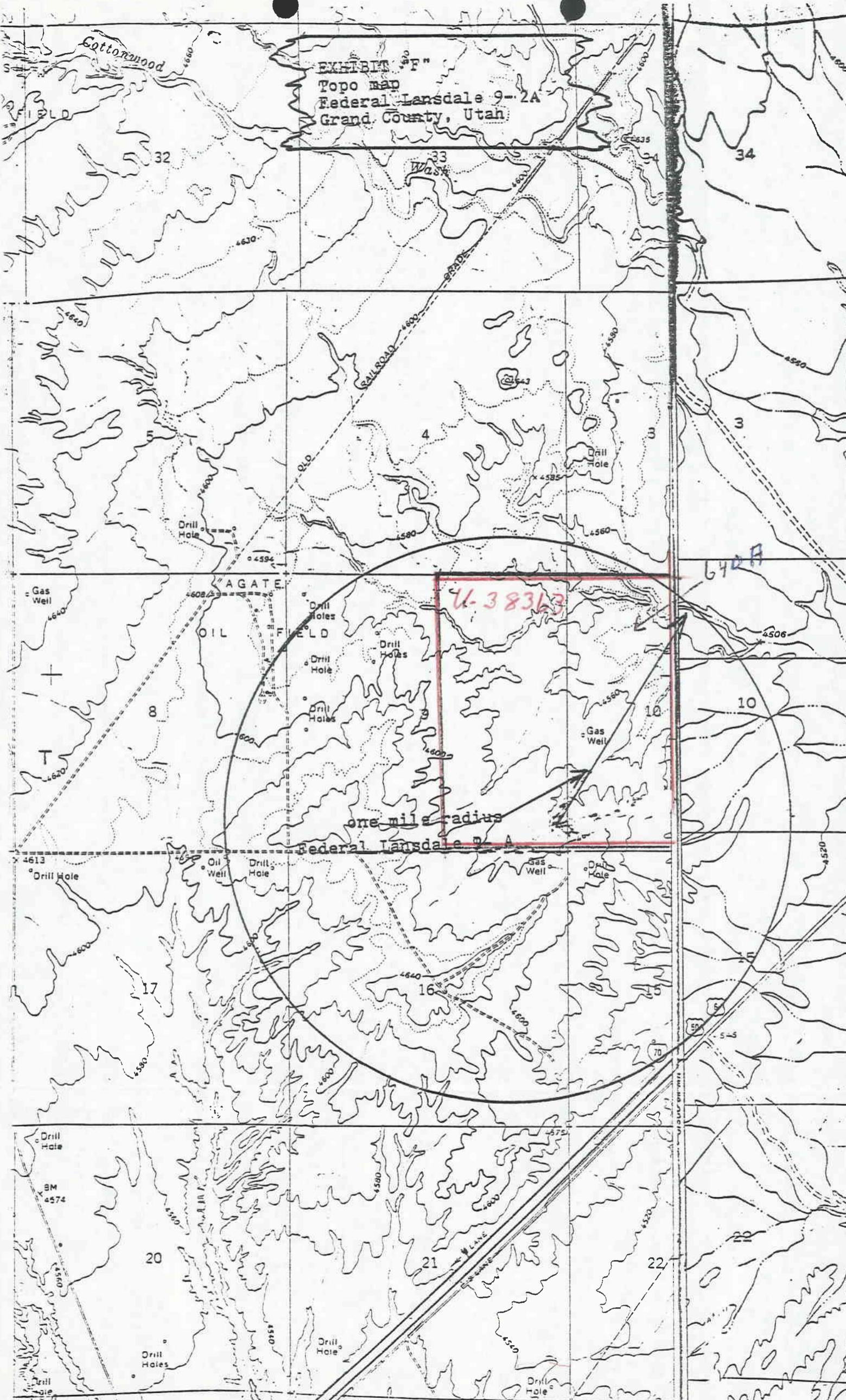


Route to well site

T 20 S

CISCO

EXHIBIT "F"  
Topo map  
Federal Landsale 9-2A  
Grand County, Utah



one mile radius

Federal Landsale 9-2A

U-38313

640A

OPERATOR Walter Broadhead DATE 5-4-84

WELL NAME Fed. Lansdale 9-2A

SEC SENE 9 T 20S R 24E COUNTY Grand

43-019-31150  
API NUMBER

Fed.  
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/>	INDEX	<input type="checkbox"/>	HL	<input type="checkbox"/>
<input type="checkbox"/>	NID	<input type="checkbox"/>	PI	<input type="checkbox"/>
<input type="checkbox"/>	MAP	<input type="checkbox"/>		<input type="checkbox"/>

PROCESSING COMMENTS:  
No other wells within 400'  
Need water permit, OK

APPROVAL LETTER:

SPACING:  A-3 \_\_\_\_\_ UNIT  c-3-a 102-16 B 11/15/79  
 CAUSE NO. & DATE

c-3-b  c-3-c

SPECIAL LANGUAGE:  
Water

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER 102-16B

UNIT \_\_\_\_\_

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

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 No. 7th St. Grand Junction, CO. 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface  
 North 3,267 ft. from Southline and West 433 ft.  
 At proposed prod. zone from Eastline.  
 Sec. 9, T20S, R24E. SLB&M

5. BEARINGS IN DEGREES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
 About 11 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)      2,207 ft.

16. NO. OF ACRES IN LEASE      640

17. NO. OF ACRES ASSIGNED TO THIS WELL      10

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.      1,315 ft.

19. PROPOSED DEPTH      1,500 ft.

20. ROTARY OR CABLE TOOLS      Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4,564 GR.

22. APPROX. DATE WORK WILL START\*  
 May 1, 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Surface 8-3/4"	7"	17 lb.	100 ft.	circulate to surface
6-1/4"	4-1/2"	10-1/2 lb.	TD	
				200 ft.

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 distanced road map
- F Access road and radius map of wells in area
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- H Drill rig layout
- I Production facility layout

RECEIVED  
 AUG 13 1984  
 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 4-24-1984

(This space for Federal or State office use)

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

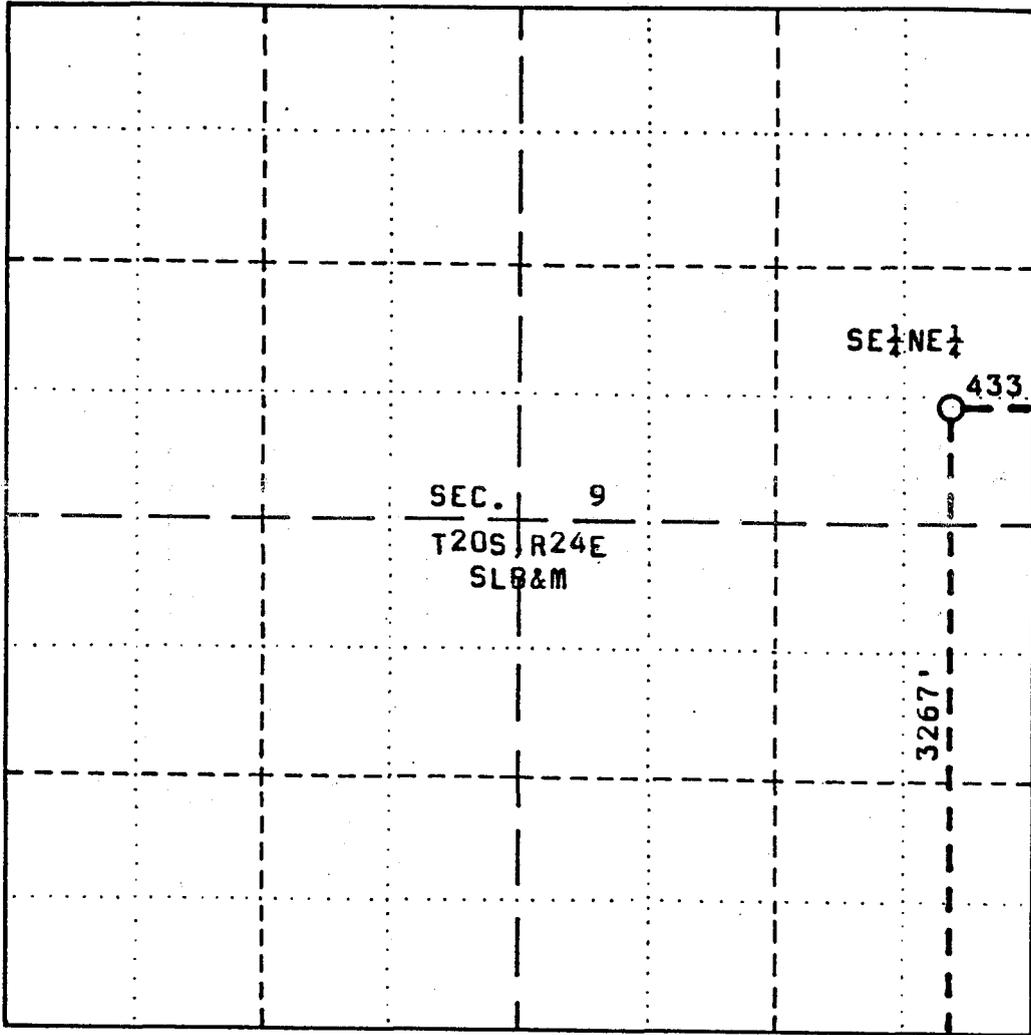
APPROVED BY /s/ James J. Travis TITLE Acting DISTRICT MANAGER DATE 08 AUG 1984

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

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

\*See Instructions On Reverse Side



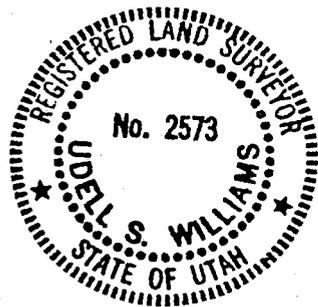
SCALE: 1" = 1000'

FED. LANSDALE #9-2A

Located North 3267 feet from the South line and West 433 feet from the East line of Section 9, T20S, R24E, SLB&M.

Elev. 4564

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 Road Avenue  
GRAND JUNCTION, COLORADO 81501

PLAT OF  
PROPOSED LOCATION

FED. LANSDALE #9-2A  
SE 1/4 NE 1/4 SECTION 9  
T20S, R24E, SLB&M

SURVEYED BY: USW DATE: 4/17/84  
DRAWN BY: USW DATE: 4/17/84

REC'D MDO JUL 31 1984

CONDITIONS OF APPROVAL FOR PERMIT TO DRILL

Walter D. Broadhead  
Well: 9-2A  
Sec. 9, T. 20 S., R. 24 E.  
Lease No: U-38365  
Inspection Date: 6/26/84

1. All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.
2. All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth, cased and cemented. All oil and gas shows will be tested to determine commercial potential.
3. BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventors will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventors will be pressure-tested before drilling casing cement plugs.
4. Blooie line will be misted to reduce fugitive dust when air drilling.
5. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted to the District Office not later than thirty (30) days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cutting, fluids, and/or gases) will be submitted when requested by the Moab District Manager.
6. The operator will contact the Grand Resource Area at (801) 259-8193, forty-eight (48) hours prior to beginning any dirt work on this location.
7. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the District Manager. If operations are to be suspended, prior approval of the District Manager will be obtained and notification given before resumption of operations.
8. The spud date will be reported orally to the Area Manager within a minimum of twenty-four (24) hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the District Office within twenty-four (24) hours after spudding. If the spudding occurs on a weekend or holiday, the written report will be submitted on the following regular work day.

9. In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6, "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed directly with the BLM District Office, P.O. Box 970, Moab, Utah 84532.
10. Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported to the Resource Area in accordance with requirements of NTL-3A.
11. If the replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. In emergency situations, verbal approval to bring on a replacement rig will be approved by the District Petroleum Engineer.
12. Should the well be successfully completed for production, the District Manager will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) business days following the date on which the well is placed on production.
13. A first production conference will be scheduled within fifteen (15) days after receipt of the first production report. The Resource Area Office will coordinate the field conference.
14. No well abandonment operations will be commenced without the prior approval of the District Manager. In the case of newly-drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the District Petroleum Engineer. A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the District Manager within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Area Manager or his representative, or the appropriate surface managing agency.
15. Approval to vent/flare gas during initial well evaluation will be obtained from the District Office. This preliminary approval will not exceed 30 days or 50 MMCF gas. Approval to vent/flare beyond this initial test period will require District Office approval pursuant to guidelines in NTL-4A.
16. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.5. The marker will be constructed as follows: 4 foot tall, approximately 18 inches of soil material will be piled around marker to compensate for subsidence of the cellar. The top of the marker will be closed or capped.

The following minimum information will be permanently placed on the marker plate, cap or beaded-on with a welding torch:

"Fed" "Operator", "Well Number, location by 1/4 1/4 section, township and range". "Lease Number".

17. Improvement to the existing road will be necessary. Adequate drainage should be provided for areas that have been torn up and rutted by previous traffic. No new surface disturbance (ie. rerouting road around bad areas) is allowed.
18. Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional area needed will be approved by the Area Manager in advance.
19. The access road will be rehabilitated or brought to Resource (Class III) Road Standards within sixty (60) days of dismantling of the drilling rig. If this time frame cannot be met, the Area Manager will be notified so that temporary drainage control can be installed along the access road. If the well is productive installation of culverts will be necessary along the new construction where it crosses intermittent drainages.
20. Production facilities will be located in the southwest corner of the location.
21. All permanent (onsite for six (6) months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, non-reflective, earth tone color to match the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six (6) months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded. Colors will be as follows: desert brown or sand beige.
22. If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1-1/2 times the storage capacity of the battery.
23. All loading lines and valves will be placed inside the berm surrounding the tank battery.
24. All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.
25. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.
26. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.
27. Gas meter runs for each well will be located within five hundred (500) feet of the wellhead. The gas flowline will be buried from the wellhead to the meter along with any other sections occurring on the pad. Meter runs will be housed and/or fenced.
28. The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three (3) months on new meter installations and at least quarterly thereafter. The Area Manager will be provided with a date and time for the initial meter calibration and all future meter-proving schedules. A

copy of the meter calibration reports will be submitted to the Resource Area Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement

29. A temporary water use permit for this operation will be obtained from the Utah State Engineer, (801) 637-1303. Water obtained on private land, or land administered by another agency, will require approval from the owner or agency for use of the land.
30. The reserve pit will not be lined and will be located in the northeast corner.
31. Three sides of the reserve pit will be fenced with 36 inch woven wire with a single strands of barbed wire on top for support 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.
32. Produced waste water will be confined to an unlined pit for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the District Manager's approval pursuant to Onshore Oil and Gas Order No. 3 (NTL-2B).
33. The top 2 inches of soil material will be removed from the location and stockpiled separately on the northwest corner.
34. Access to the well pad will be from the southeast.
35. Immediately upon completion of drilling, the location, and surrounding areas will be cleared of all remaining debris, materials, trash, and junk not required for production.
36. The operator or his contractor will notify the Grand Resource Area at (801) 259-8193 forty-eight (48) hours before starting reclamation work that involves earthmoving equipment and upon completion of restoration measures.
37. Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.
38. Seed will be broadcast during the fall (Oct.-Dec.). If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.
39. The following seed mixture will be used:

		<u>lbs/acre</u>
Oryzopsis hymenoides	Indian ricegrass	4
Hilaria jamesii	Curley grass	2
Melilotus officinalis	Yellow sweetclover	2
Atriplex nuttallii cuneata	Wedgeleaf nuttall saltbush	2
Ceratoides lanata	Winterfat	<u>3</u>

40. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed.
41. There will be no deviation from the proposed drilling and/or workover program without prior approval from the District Manager. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.2.
42. "Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.
43. The dirt contractor will be provided with an approved copy of the surface use plan.
44. A cultural resource clearance will be required before any construction begins. If any cultural resources area found during construction, all work will stop and the Area Manager will be notified.
45. This permit will be valid for a period of one (1) year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

May 7, 1984

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

RE: Well No. Federal Lansdale 9-2A  
SENE Sec. 9, T. 20S, R. 24E  
3267' FSL, 433' FEL  
Grand County, Utah

Gentlemen:

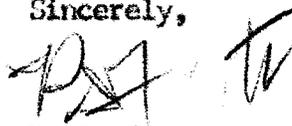
Approval to drill the above referenced oil well is hereby granted in accordance with Order of Cause No.102-16B dated November 15, 1979.

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

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify R. J. Firth, Associate Director, Telephone (801) 533-5771 (Office), 571-6068 (Home).
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.
5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-019-31150.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

RJF/as  
cc: Branch of Fluid Minerals

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API # 43-019-31150

NAME OF COMPANY: WALTER D. BROADHEAD

WELL NAME: FEDERAL LANSDALE #9-2A

SECTION SE NE 9 TOWNSHIP 20S RANGE 24E COUNTY Grand

DRILLING CONTRACTOR Desert Drilling Co.

RIG # 2

SPUDDED: DATE 11-27-84

TIME \_\_\_\_\_

How \_\_\_\_\_

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

REPORTED BY Walter Broadhead

TELEPHONE # 303-242-7717

DATE 11-27-84 SIGNED RJF

DAYMON D. GILLILLAND

P. O. Box 1844  
Grand Junction, CO 81502  
(303) 241-3292

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

January 2, 1985

Re: Lansdale Federal 9-2A Well  
Sec. 9, T20S, R24E, Grand County, Utah  
API# 43-019-31150

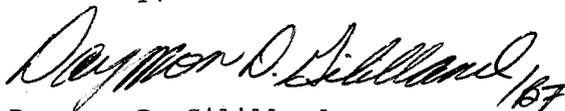
Gentlemen:

Enclosed are the following:

1. Completion report,
2. Sundry notice,
3. Well logs.

Please take notice of change of Operator.

Sincerely,



Daymon D. Gililland  
Operator

DDG/bg

enc.

**RECEIVED**  
JAN 04 1985

DIVISION OF  
OIL, GAS & MINING

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

9

5. LEASE DESIGNATION AND SERIAL NO.

U-38365

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

LANSDALE

9. WELL NO.

Fed. 9-2A

10. FIELD AND POOL, OR WILDCAT

Greater Cisco Area

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

Sec. 9, T20S, R24E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

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

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

2. NAME OF OPERATOR

Daymon D. Gililland

3. ADDRESS OF OPERATOR

P.O. Box 1844, Grand Junction, CO 81502

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

At surface 3267' FSL & 433' FEL (SE 1/4 NE 1/4)

At top prod. interval reported below

At total depth

14. PERMIT NO. 43-019-31150 | DATE ISSUED 5-7-84

12. COUNTY OR PARISH Grand | 13. STATE Utah

15. DATE SPUDDED 11-27-84 | 16. DATE T.D. REACHED 11-29-84 | 17. DATE COMPL. (Ready to prod.) 11-30-84 | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 4564 GL (10'KB) | 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 1340 KB | 21. PLUG, BACK T.D., MD & TVD 1242' GL | 22. IF MULTIPLE COMPL., HOW MANY\* | 23. INTERVALS DRILLED BY ROTARY TOOLS 0-1340 | CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 1004'-1021' (Dakota), 1230'-1239' (Brushy Basin) | 25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL/SP, CDL/CNS | 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"	17	120'	8 3/4"	circulate to surface	
4 1/2"	10.5	1242'	6 1/2"	60sx 50-50 Poz.	

29. LINER RECORD | 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) 1004 - 1021 1 spf. - .37" - 15

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-30-84	6				37.5	6	

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

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) | TEST WITNESSED BY J. Dan Powell

35. LIST OF ATTACHMENTS  
Logs previously furnished BLM

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED Daymon D. Gililland TITLE Operator DATE 12-27-84

\*(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 38, 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 PRESSURE, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Mancos	Surface	874'	
Dakota silt	874'	945'	
Dakota	945'	1070'	
Cedar Mtn. Morrison	1070' 1132'	1132' TD	
			NAME
			MEAS. DEPTH
			TOP
			TUB VERT. DEPTH

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

9

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

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

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. ESVR.  OTHER

2. NAME OF OPERATOR  
Daymon D. Gililand

3. ADDRESS OF OPERATOR  
P.O. Box 1844, Grand Junction, CO 81502

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 3267' FSL & 433' FEL (SE  $\frac{1}{4}$  NE  $\frac{1}{4}$ )

At top prod. interval reported below

At total depth

5. LEASE DESIGNATION AND SERIAL NO.  
U-38365

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
LANSDALE

9. WELL NO.  
Fed. 9-2A

10. FIELD AND POOL, OR WILDCAT  
Greater Cisco Area

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 9, T20S, R24E

14. PERMIT NO. 43-019-31150 | DATE ISSUED 5-7-84

12. COUNTY OR PARISH Grand | 13. STATE Utah

15. DATE SPUDDED 11-27-84 | 16. DATE T.D. REACHED 11-29-84 | 17. DATE COMPL. (Ready to prod.) 11-30-84 | 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 4564 GL (10' KB) | 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 1340 KB | 21. PLUG, BACK T.D., MD & TVD 1242' GL | 22. IF MULTIPLE COMPL., HOW MANY\* | 23. INTERVALS DRILLED BY 0-1340 | 24. ROTARY TOOLS | 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
1004'-1021' (Dakota), 1230'-1239' (Brushy Basin)

25. WAS DIRECTIONAL SURVEY MADE  
no

26. TYPE ELECTRIC AND OTHER LOGS RUN  
DIL/SP, CDL/CNS

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"	17	120'	8 3/4"	circulate to surface	
4 1/2"	10.5	1242	6 1/4"	60sx 50-50 Poz.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)  
1004 - 1021 1 spf. - .37" - 15

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
11-30-84	6				37.5	6	

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

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

TEST WITNESSED BY  
J. Dan Powell

35. LIST OF ATTACHMENTS  
Logs previously furnished BLM

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

SIGNED Daymon D. Gililand TITLE Operator DATE 12-27-84

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

# INSTRUCTIONS

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

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**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:		38. GEOLOGIC MARKERS	
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CURSION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECORDS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Mancos	Surface	874'	
Dakota silt	874'	945'	
Dakota	945'	1070'	
Cedar Mtn.	1070'	1132'	
Morrison	1132'	TD	

NAME	TOP
MARK. DEPTH	FROM VERT. DEPTH

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

SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-38365
2. NAME OF OPERATOR Daymon D. Gililland N9535		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 1844, Grand Junction, CO 81502		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 3267' FSL & 433' FEL (SE 1/4 NE 1/4)		8. FARM OR LEASE NAME Lansdale
14. PERMIT NO. 43-019=31150		9. WELL NO. Fed. 9-2A
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4564 GL		10. FIELD AND POOL, OR WILDCAT Greater Cisco Area
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 9, T20S, R24E
		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) _____	
(Other) _____	Perforate <input checked="" 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.)

Intend to ream cement blockage from casing at approximately 1210' and perf. Brushy Basin zone from 1230' to 1239' as surface conditions allow. Please take notice of new operator. (formerly Walter D. Broadhead)

**RECEIVED**  
JAN 04 1985  
DIVISION OF  
OIL, GAS & MINING

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

SIGNED Daymon D. Gililland TITLE Operator DATE 12-27-84

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>UTU-38365</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: <b>FEDERAL LANSDALE 9-2A</b>	
2. NAME OF OPERATOR: <b>ORPHAN-NO RESPONSIBLE OPERATOR</b>		9. API NUMBER: <b>4301931150</b>
3. ADDRESS OF OPERATOR:  CITY STATE ZIP	PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>3267 FSL 0433 FEL</b>		COUNTY: <b>GRAND</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SENE 9 20S 24E S</b>		STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____  <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: <b>9/14/2008</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Received attached Plugging and Abandonment paperwork from Eric Jones with the Moab BLM. They contracted this work out and P&A'd the well 9/12 through 9/14 of 2008.

**RECEIVED**  
**OCT 27 2008**  
**DIV. OF OIL, GAS & MINING**

NAME (PLEASE PRINT) <u>Dustin K. Doucet</u>	TITLE <u>Petroleum Engineer</u>
SIGNATURE	DATE <u>10/27/2008</u>

(This space for State use only)

# RACS, LLC

26767 Cedar Mesa Rd., Cedaredge, CO 81413

(970) 856-2505

## WELL ABANDONMENT REPORT

Date 10-6-08

### Well Identification

Owner BLM

Well Number Lansdale Fed. 9-2A

Well Location (township & range) 3,267' FSL & 433' FEL (SE1/4 NE 1/4) Section 9 T20S R24E

(Lat / Long) (NAD 27) N39 04 58.7 W109 15 30.4

County Grand State Utah Elevation 4,564'

### Existing Well Details

Is a well drillers report available?  Yes  No

Nature of use & current status Gas Well

Hole Depth \_\_\_\_\_ Feet Hole Diameter \_\_\_\_\_ Inches

Surface Casing type / Wt. Steel / 17# Size 7" Depth 120'

Intermediate Casing Type / Wt. \_\_\_\_\_ / \_\_\_\_\_ Size \_\_\_\_\_ Depth \_\_\_\_\_

Completion Blank Casing Type / Wt. Steel / 10.5# Size 4.5" Depth From +2' To 1,242'

Completion Perf casing Type / Wt. \_\_\_\_\_ / \_\_\_\_\_ Size \_\_\_\_\_ Depth From 1,004' To 1,021'

Static Fluid Level Depth Surface Feet - Artesian Flow 1 GPM - Shut-In Pressure N/A PSI

Notes \_\_\_\_\_

### Abandonment Details

Reason for Abandonment No longer used

Bridge Plug type None

TD of well or Bridge Plug Depth N/A (1,242' ?) Feet

Total fluid volume of well from TD or Bridge Plug 520 Gallons

Total volume of fluid used 600 Gallons

Method of sealing material placement Through AQ tremmie rod & bull head

Casing cut to 4' Ft. below surface P&A Marker type 1/4" flat steel plate w/stamped info

Date of Abandonment Completion 9-14-08

Depth (Feet)		Material Used	Quantity	Density
From	To		Gal. / Sks	Lbs./Gal.
180'	Surface	Type II Cement	600 Gal / 60 Sks.	15.2 PPG

Notes MIRU, attempted to pull 2 3/8" tubing, tubing seperated @ surface (tubing coroted from high TDS water).

Attempted to fish - no success, attempted to shoot tubing from the inside @ 176', still could not fish. Perffed @ 176'.

Ran in with AQ core rods to 180' inside tubing. Displaced well fluid with cement through perfs and back to surface.

Tripped out AQ core rods & nipped up to the 4.5" & bull headed another 50 gallons of cement, shut well in.

Cut casings and welded on P&A marker. Re-claimed pad & re-seeded.

\* All depths are from top of surface casing



Granite Seed Company  
1697 West 2100 North  
Lehi, Utah 84043  
801-768-4422

65621  
186189

DATE SHIPPED: 09/26/2008

SOLD TO:  
RACS LLC  
ATTN: ED  
26767 CEDAR MESA RD  
CEDAREGE, CO 81413

PROJECT NAME: LANFDALE 9-2A PAD  
SEED MIX NUMBER: 65621 & SEPERATES

Letter of Certification

This memo is written to certify that this seed mix is true to label and has been duly tested by a fully accredited seed testing laboratory using rules sanctioned by the Association of Official Seed Analysts. The specifications of the seed used in the mix are as follows:

Common Name	Variety	Origin	Lot#	Purity	Germ + Dorm.	%PLS
INDIAN RICEGRASS	RIMROCK	WA	ORHY -40049	99.75	98	97.76
GALLETA GRASS	VIVA	TX	HIJA -39543	53.41	95	50.47
YELLOW SWEETCLOVER	VNS	CAN	MEOF -39329	99.57	96	95.59
CASTLE VALLEY CLOVER	VNS	UT	ATCU -28064	96.86	33	31.96
WINTERFAT	VNS	NM	CELA -38949	78.31	51	39.94

Furthermore, we certify that said seed was packed as follows:

	Number of Bags	Bulk Lbs.	Per Bag
MIX # 65621	2	15.91	
ORHY -40049			
HIJA -39543			
MEOF -39329			
ATCU -28064			
CELA -38949	2	3.75	

The number of pounds and percent of bulk for this mix are as follows:

Common Name	Lot#	Total Bulk Lbs.	Total PLS Lbs.	% Bulk Lbs.
INDIAN RICEGRASS	ORHY -40049	8.18	8.00	20.30
GALLETA GRASS	HIJA -39543	7.93	4.00	19.66
YELLOW SWEETCLOVER	MEOF -39329	4.18	4.00	10.38
CASTLE VALLEY CLOVER	ATCU -28064	12.52	4.00	31.04
WINTERFAT	CELA -38949	7.51	3.00	18.63

If you have any questions, please call.

Sincerely,

Granite Seed Co.



TO: Eric Jones;

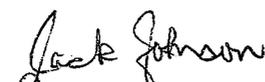
SUBJECT; ORPHANT WELL, formerly belonging to Daymon Gililand, Lansdale 9-2A, lease number UTU38365.

Because of very poor directions, we started hunting well on 09/12/08 at 0700 A.M, and found location at 10:30 A.M. RAC Company which is the plugger, had to repair road, and fill in washed out crossing, and we did not get rigged up until about 3:00 P.M Picked up on sub on top of well head to break flange loose, and flange was frozen on tubing. Had to finally use back hoe and chains to break flange loose, and when it came loose, tubing was so badly corroded with many years of salt water, the tubing parted and fell back into well bore. At 4:30 P.M. ran down with weight and wireline on rig and could only 65 feet where we tagged where casing was parted also. Shut down for 09/12/08 to order out some 2 inch tubing, and 1 inch tubing, to try and fish tubing out of hole, also ordered out 2 sizes of fishing tools, grapple type and a spear to attempt to fish tubing out of hole. Had to circulate 30 barrels of salt water out of hole prior to starting.

On 9/13/08, started on location at 0700, ran first grapple on bottom of 2 inch, and would not go past 35 feet, came out of hole at 0800 A.M., ran smaller size grapple in hole, and this also would not go past 35 feet, due to casing being parted. After trying to run grapple in hole some 3 different times, came out of hole and decided to run spear to fish tubing. Rigged up spear at 12:00 Noon, ran in hole and caught fish at 135 feet, tubing was stuck in hole, attempted to jar loose, but unable to pull tubing out of hole. Called perforator out, and ran a tool down hole to see what was in hole, found casing was parted in several places, and tubing was ate up and in fingers as to being solid. Ran cutting tool down to 184 feet and cut off tubing. At 2:30 P.M. ran spear back into hole to fish tubing, caught fish, but tubing still stuck against casing where casing was parted, and attempted 3 times to pull out of hole, and run back in, with luck. At 5:00 P. M. ran perforating gun down past tubing and casing, and perforated casing at 174 feet. Pulled gun out of hole and at 6:00 P.M. established circulation in hole. Shut down for day. First run to perforate did not shoot because water shorted it out.

On 9/14/08, Did bradenhead squeeze at 08:00 A.M., then picked up 1255 feet of 1 inch tubing and went down through 2 inch tubing, and ran 100 sacks of 15. # class G cement with 2 % brinegel, had several tight spots to work through prior to getting on bottom. Cementing started at 11:30 A.M. Came out of hole with 1 inch after cement had returned on backside and inside tubing. Came out of hole with 1 inch, and then ran back to 208 feet to cement outside and perforations and this started at 3:30 P.M. Ran 20 sacks cement same type and class to surface. Cut off casing head at 5:00 P.M. and had to add 1 more sack approximately to fill up to surface. Total cement ran 121 sacks. Installed plate on top of well head at 6:00 P.M. Covered well head and hole completely with dirt some 4 feet deep. Rigged RAC #1 DOWN, BUT EQUIPMENT NOT MOVED OFF UNTIL 9/15/08.

WELL PLUGGED COMPLETELY.

  
JACK JOHNSON

P.E.T., Moab District

## Lansdale 9-2A Orphan Well

### September 17, 2008

This well was plugged on the previous weekend. The state office believed that reclamation work would be initiated today. I arrived at the site at approximately 11:30 AM. There was no activity at the location, nor had any reclamation equipment been staged at the site. Plugging operations appear to be complete. Some plugging equipment is still on the site (water truck, concrete truck and a box tank). No dry hole marker was visible at the surface.

As described in a 2006 inspection soil is piled up along the western edge of the pad (appears to be spoil). Two other small linear spoil piles are at the site. One is on the western half of the southern edge of the pad and the other starts at near the midpoint of the eastern edge of the pad. What appears to be a topsoil pile is in the southeast corner of the pad just north of a stock pond.

The pad and the surrounding area are sparsely vegetated (approximately 75% bare ground). Vegetation is predominantly halogeton, cheatgrass and Russian thistle along with some native bunchgrass (a wheatgrass) and saltbrush. Near the southeast corner of the pad is a stock pond. Disturbance from the construction of the dam has resulted in poorly vegetated areas north and east of the pond.

#### Reclamation recommendations

- A native legume should be substituted for yellow sweet clover in the seed mix.
- See if it is possible for the contractor to reseed the area north and west of the pond as well as the pad and access road.
- Reclamation potential is low at this site; the use of mulch would help make reclamation more successful.

Photos attached.

D. Skinner

Lansdale 9-2A Orphan Well Photos



Access road to pad



Pad from southeast



Pond at southeast corner of pad



Pad from east side

**Lansdale 9-2A Orphan Well Photos**



**Pad from north side**



**Pad from west side**



**West half of pad from south side**



**Wellhead area (foreground)**

# RACS

A. OPERATING			
Equipment Functions	Client		RACS
	Rate	Quantity	
<b>Cement Pump Truck</b>			
Pumping Cement			
Mob / Demob/ Load			
Minimum (4hrs/day)			
<b>S-30K Rig</b>			
Operation w/3-man crew		7 1/2	
Mob / Demob			
Minimum (4hrs/day)			
<b>Tilt Deck / Winch Truck</b>			
Hauling pipe, equip, etc.		4	
Minimum (4hrs/day)			
<b>Water Truck 95 Brl.</b>			
Hauling Water			
Minimum (4 hrs/day)		4	
<b>Back Hoe 590 4X4</b>			
Dig, Move, Tram, etc.		6	
Minimum (4hrs/day)			
<b>Semi w/ trailer</b>			
over the road hauling			
Minimum (4hrs/day)			
<b>Mixer Truck</b>			
Operation		4	
Minimum (4hrs/day)			
<b>Mud Tank (280 brl)</b>			
Mud Mix & Pump Skid		6	
<b>Bean Pump</b>			
<b>Quintaplex Pump</b>			
<b>Trash Pump</b>			
<b>Tubing Tong</b>			
<b>Air Slips</b>			
<b>Stripping Head</b>			
<b>BOP</b>			
<b>Service Truck 4X4</b>		4	F 450
<b>Service Truck 4X4</b>		3	F 250
<b>Trailer 20'</b>			
<b>Welding/ torches</b>		3	
<b>TOTAL OPERATING TIME</b>		=====	=====

B. NON OPERATING		Client	RACS
Repairs(Describe in Remarks)			
Service / Maint.			
Delays - access			
- client			
<b>TOTAL NON-OP TIME</b>		=====	=====

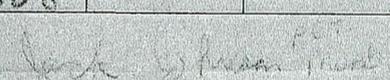
C. HOLE SPECIFICATIONS					
HOLE #	ID	Depth	ID	Depth	TD
Linsdale 9-20	4 1/2	200'			

D. MATERIALS CONSUMED					
(specify quantities & types)		CLIENT		RACS	
		RATE	Quantity		Total
Bentonite (Gel)	Per 50# sack		4		
Cal. Chloride	Per 50# sack				
Cement	Per 94# sack		120		
Delay Set	Per #				
Hole Plug Chips	Per 50# sack				
Hydrosizer	Per #				
LCM	Per				
Plastisizer	Per #		50		
Super Plug	Per 50# sack				
PTA marker			1		
<b>TOTAL MATERIALS CONSUMED</b>				=====	=====

E. MATERIALS LEFT IN HOLE					
		CLIENT		RACS	
		RATE	Quantity		Total
<b>TOTAL MATERIALS LEFT IN HOLE</b>				=====	=====

F. OTHER CHARGEABLE					
MATERIALS / OPERATIONS		CLIENT		RACS	
		RATE	Quantity		Total
Camera	mob/de-mob, rig-up/down				
	video Survey (Footage)				
	Additional tape/disc				
DLD	Refracting				
Purse Fishing	Fishing tools				
<b>TOTAL OTHER CHARGEABLE</b>				=====	=====

G. LABOR SUMMARY				
	Name	CLIENT		RACS
		Qty.	Per-Diem	
		Hours	(Y/N)	Total
Tool Pusher	T. Denevan	15 1/2	N	15 1/2
Operator	J. Brown	15 1/2	N	15 1/2
Operator	J. Thompson	15 1/2	N	15 1/2
Operator				
Operator				
Operator				
Hand	N. Harman	15 1/2	N	15 1/2
Hand				
Hand				
<b>TOTAL LABOR SUMMARY</b>				

CLIENT	R.M.E.C.	Total Invoice	
LOCATION	Cisroch	SHIFT: (Day/Night)	Day
DATE: (mm/dd/yy)	9/14/08	JOB No.	
 Client Signature			

Remarks: attempt to fish with new tools, no good, attempt to cut tubings, no good, attempt to perforate, successful, pumps look & circulated from 170', cut 5BB casing, weld on munter.

# RACS

A. OPERATING			
Equipment Functions	Client		RACS
	Rate	Quantity	
<b>Cement Pump Truck</b>			
Pumping Cement			
Mob / Demob/ Load			
Minimum (4hrs/day)			
<b>S-30K Rig</b>			
Operation w/3-man crew		4	
Mob / Demob			
Minimum (4hrs/day)			
<b>Tilt Deck / Winch Truck</b>			
Hauling pipe, equip, etc.		18	
Minimum (4hrs/day)			
<b>Water Truck 95 Brl.</b>			
Hauling Water		2	
Minimum (4 hrs/day)			
<b>Back Hoe 590 4X4</b>			
Dig. Move, Tram, etc.		8	4h. total
Minimum (4hrs/day)			
<b>Semi w/ trailer</b>			
over the road hauling			
Minimum (4hrs/day)			
<b>Mixer Truck</b>			
Operation		4	
Minimum (4hrs/day)			
<b>Mud Tank (280 brl)</b>			
Mud Mix & Pump Skid			
<b>Bean Pump</b>			
<b>Quintaplex Pump</b>			
<b>Trash Pump</b>			
<b>Tubing Tongs</b>			
<b>Air Slips</b>			
<b>Stripping Head</b>			
<b>BOP</b>			
<b>Service Truck 4X4</b>		8	4 hrs + 4 hrs
<b>Service Truck 4X4</b>		8	12 hrs
<b>Trailer 20'</b>			
<b>Welding/ torches</b>			
<b>TOTAL OPERATING TIME</b>		=====	=====

B. NON OPERATING		
Repairs(Describe in Remarks)	Client	RACS
Service / Maint.		
Delays - access		
- client	2	
<b>TOTAL NON-OP TIME</b>	=====	=====

C. HOLE SPECIFICATIONS					
HOLE #	ID	Depth	ID	Depth	TD
Linsdale 9-20	4 1/2	1340			

D. MATERIALS CONSUMED				
(specify quantities & types)		CLIENT		RACS
		RATE	Quantity	Total
Bentonite (Gel)	Per 50# sack			
Cal. Chloride	Per 50# sack			
Cement	Per 94# sack			
Delay Set	Per #			
Hole Plug Chips	Per 50# sack			
Hydrosizer	Per #			
LCM	Per			
Plastisizer	Per #			
Super Plug	Per 50# sack			
<b>TOTAL MATERIALS CONSUMED</b>			=====	=====

E. MATERIALS LEFT IN HOLE			
	CLIENT		RACS
	RATE	Quantity	Total
<b>TOTAL MATERIALS LEFT IN HOLE</b>			=====

F. OTHER CHARGEABLE				
MATERIALS / OPERATIONS		CLIENT		RACS
		RATE	Quantity	Total
Camera	mob/de-mob, rig-up/down			
	video Survey (Footage)			
	Additional tape/disc			
<b>TOTAL OTHER CHARGEABLE</b>			=====	=====

G. LABOR SUMMARY				
	CLIENT		RACS	
	Name	Qty.	Per-Diem	Total
		Hours	(Y/N)	
Tool Pusher	T. Denevan	12 1/2	y	12 1/2
Operator	J. Thompson	12	y	12
Operator	T. Brown	11	y	11
Operator				
Operator				
Operator				
Hand	N. Hammett	11	y	11
Hand				
Hand				
<b>TOTAL LABOR SUMMARY</b>				46 1/2

CLIENT	R.M.E.C.	Total Invoice	
LOCATION	Civolt	SHIFT: (Day/Night)	Day
DATE: (mm/dd/yy)	9-12-08	JOB No.	
Client Signature			

Remarks: Search for well with Jack Johnson, build road access to location, move rig and all associated equipment to location. Rigged up + wait for mud tank to arrive.