

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 St., Grand Jct., Co. 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 North 1292 FSL & ~~West~~ 981' FEL of S5, T20, R24E SLB&M.
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Eight Miles northeast of Cisco, Utah.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1292'

16. NO. OF ACRES IN LEASE 480

17. NO. OF ACRES ASSIGNED TO THIS WELL 10A Oil & 40A Gas

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

19. PROPOSED DEPTH 1900'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4601

22. APPROX. DATE WORK WILL START*

5. LEASE DESIGNATION AND SERIAL NO.
 U-070752

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 None

7. UNIT AGREEMENT NAME
 None

8. FARM OR LEASE NAME
 C.L. Keas

9. WELL NO.
 Federal Keas #8

10. FIELD AND POOL, OR WILDCAT
 Agate ~~GREATER CISCO AREA~~

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 S5 T20S R24E SLB&M

12. COUNTY OR PARISH
 Grand

13. STATE
 Utah

SALT WASH

23. PROPOSED CASING AND CEMENTING PROGRAM

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

EXHIBITS ATTACHED:

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

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.

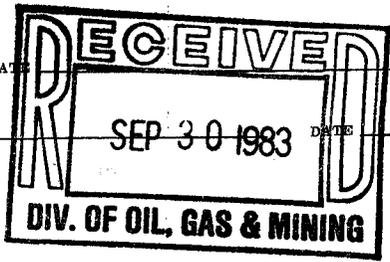
24. SIGNED Walter D. Broadhead TITLE Operator DATE 9/21/1983

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

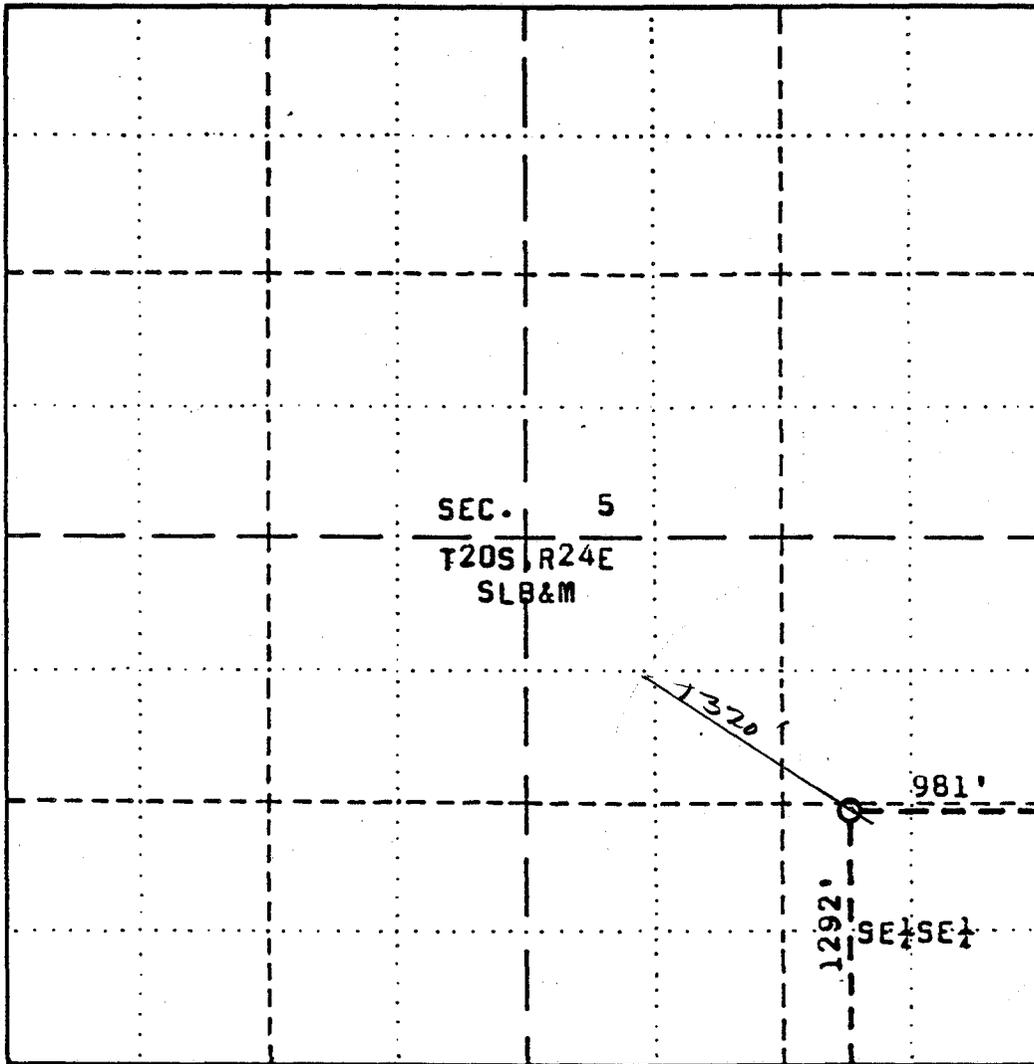
APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:



102-53
M
11-10-83
Stipulations

Exhibit "A"



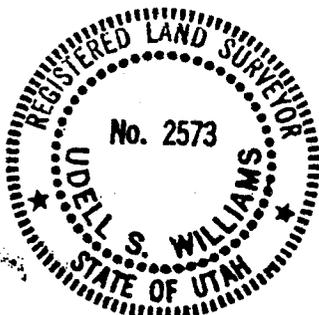
SCALE: 1" = 1000'

FEDERAL KEAS #8

Located North 1292 feet from the South boundary and West 981 Feet from the East boundary of Section 5, T20S, R24E, SLB&M.

Elev. 4595

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 KEAS #8
SE 1/4 SE 1/4 SECTION 5
T20S, R24E, SLB&M

SURVEYED BY: **USW** DATE: **9/19/83**
DRAWN BY: **USW** DATE: **9/19/83**

September 21, 1983

Ten point plan to comply with NTL-6
(Supplement to 9-331 C)

Well Name: Walter D. Broadhead
Federal Keas #8
NW SE Sec. 5-T20S-R24E, SLB&M
Federal Oil & Gas Lease U-070752
Grand County, Utah

1. Geological name of surface formation

Mancus shale

2. Estimated tops of important geological markers

Base of Dakota silt	1380'
Dakota	1434'
Morrison	1570'
Salt Wash	1800'

3. Estimated depth at which water, oil and/or gas is anticipated

Water - from scattered gravel beds from surface to 100' if any
Oil or gas - any of the geological sections noted above

4. Proposed casing program

See Paragraph 23 of 9-331 C

5. Pressure control details

- a. Shaffer double BOP with rams 3,000 psi (Hyd closing unit) tested to 1,000 psi after surface pipe is cemented, then daily thereafter (Exhibit "C")
- b. Grant rotating head above BOP
- c. Full shut-off valve on wellhead and exhaust line, see attached diagram

6. Drilling mud and weight material program

Plans call for air drilling to total depth, adding soap to mist if necessary. If excessive formation water, oil or gas is encountered, the hole will be mudded up with 100 Vis. 8.2 to 10# starch base drilling mud with KCL added. Well will then be drilled to total depth.

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 1000; from 1000' to TD samples at 5' intervals.

9. Any Anticipated Abnormal Pressures or Temperatures Expected

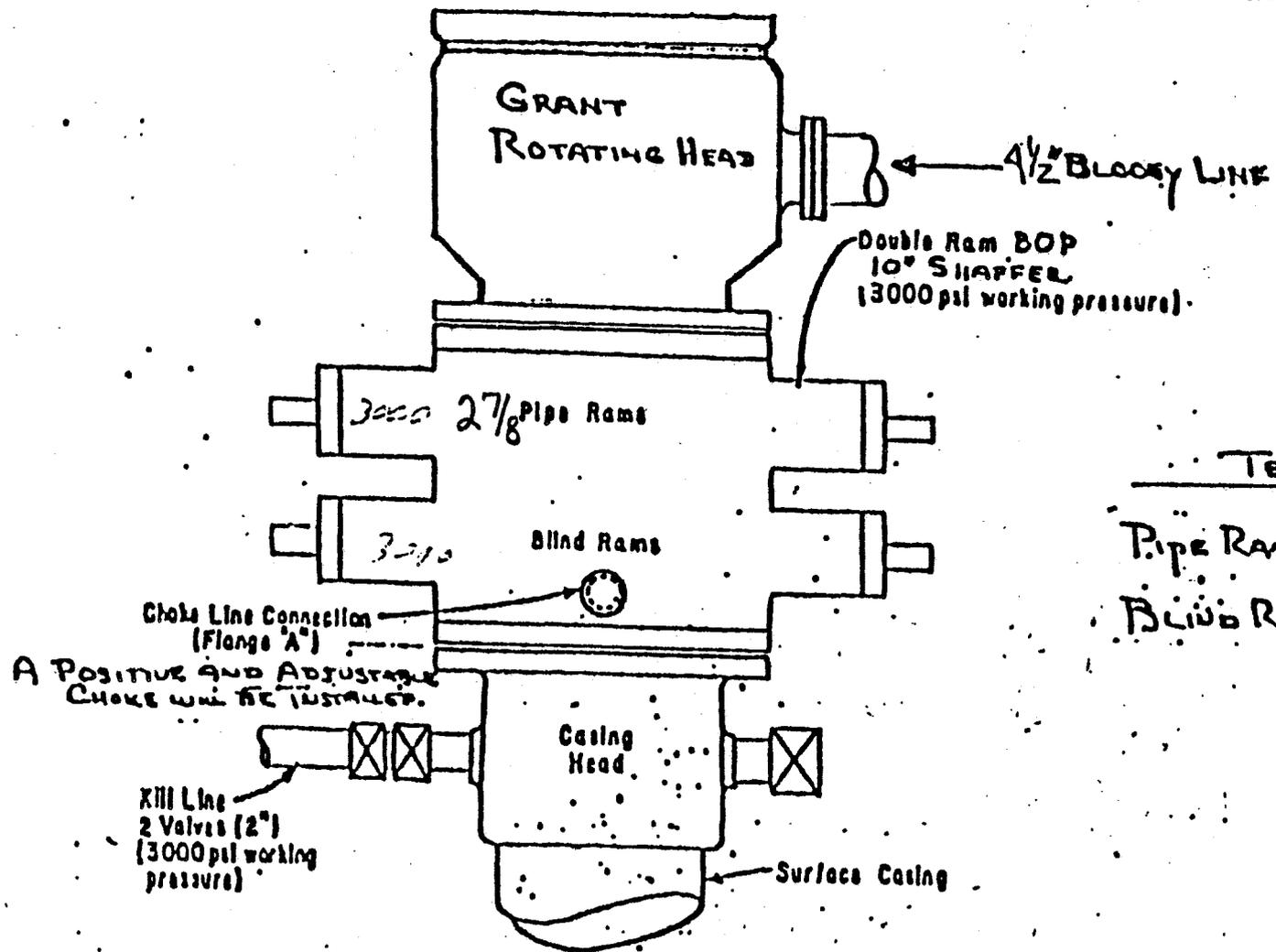
No abnormal gas pressures or temperatures are expected. No hydrogen sulfide or other hazardous gasses or fluids have been reported in the area.

10. Anticipated Starting Date and Duration of Operations

The anticipated starting date is November 1, 1983 or as soon as possible after approval of all drilling requirements.

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

EXHIBIT "C"



TESTING FREQUENCY
PIPE RAMS: DAILY
BLIND RAMS: EVERY TRIP

EXHIBIT "D"

MULTI-POINT REQUIREMENTS TO ACCOMPANY APO

1. Existing Roads

- A. Exhibit "A" is the proposed well site as staked by Udell Williams and the ground elevation is shown thereon.
- B. Exhibit "E" is the route and distance road map. The location is 8 miles northeasterly from Cisco, Utah, and approximately 1/4 mile from the Agate Field on the northerly side,
- C. Exhibit "F" is a print of the Cisco quadrangle and shows the access road to the location.
- D. All known existing roads appear on Exhibits "E" & "F"
- E. This is considered a Development Well.
- F. All roads from Cisco to the Location are in good condition and carry heavy truck traffic regularly. The next 0.3 mile of existing roadway will be maintenance graded as equipment moves in to construct well pad.

2. Planned Access Roads

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

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

3. Location of Existing Wells

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

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

4. Location of Existing and/or Proposed Facilities

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

5. Location and Type of Water Supply

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

6. Source of Construction Materials

A., B., C., D.

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

7. Methods for Handling Waste Disposal

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

8. Ancillary Facilities

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

9. Well Site Layout

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

10. Plans for Restoration

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

- (3) Three sides of the reserve pit will be fenced prior to drilling operations. Upon rig release, the reserve pit will be fenced on the fourth side and will remain until recontouring and cleanup operations are completed.
- (4) Any oil spills will be immediately reported, cleaned up, or flagged.
- (5) Rehabilitation operations will commence as soon as practical after rig moves off location. Earth work and seeding will be done during spring of 1984 if possible.

11. Other Information

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

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

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

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

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

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

The nearest occupied dwelling is in Cisco, Utah, 8 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. St.
Grand Junction, Co...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.

9-21-83

Date

Walter D. Broadhead

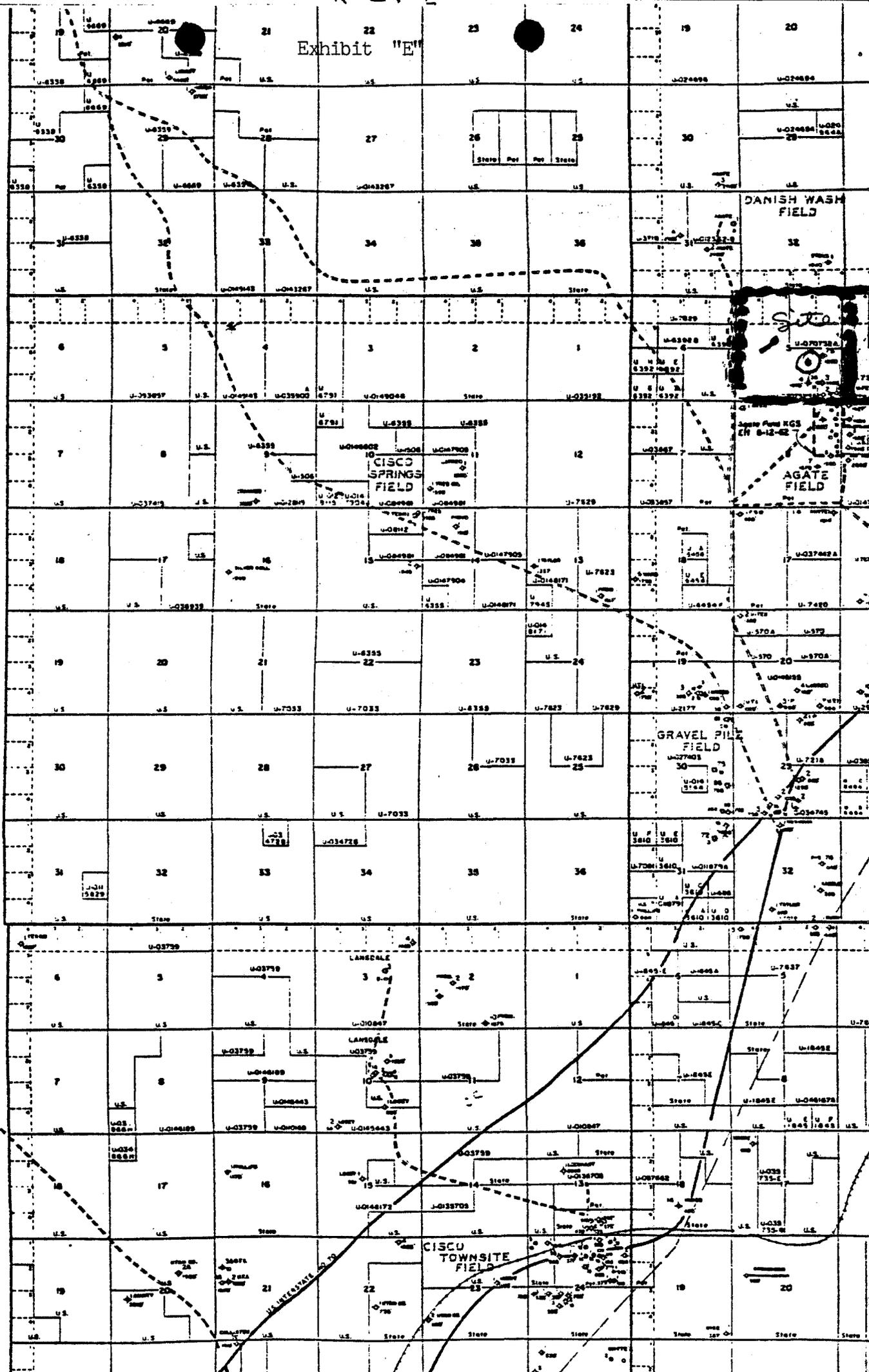
Name and Title

operator

Exhibit "E"

T 20 S

T 21 S



ON) R 24 E.

447

17'30"

448

2 630 000 FEET

450

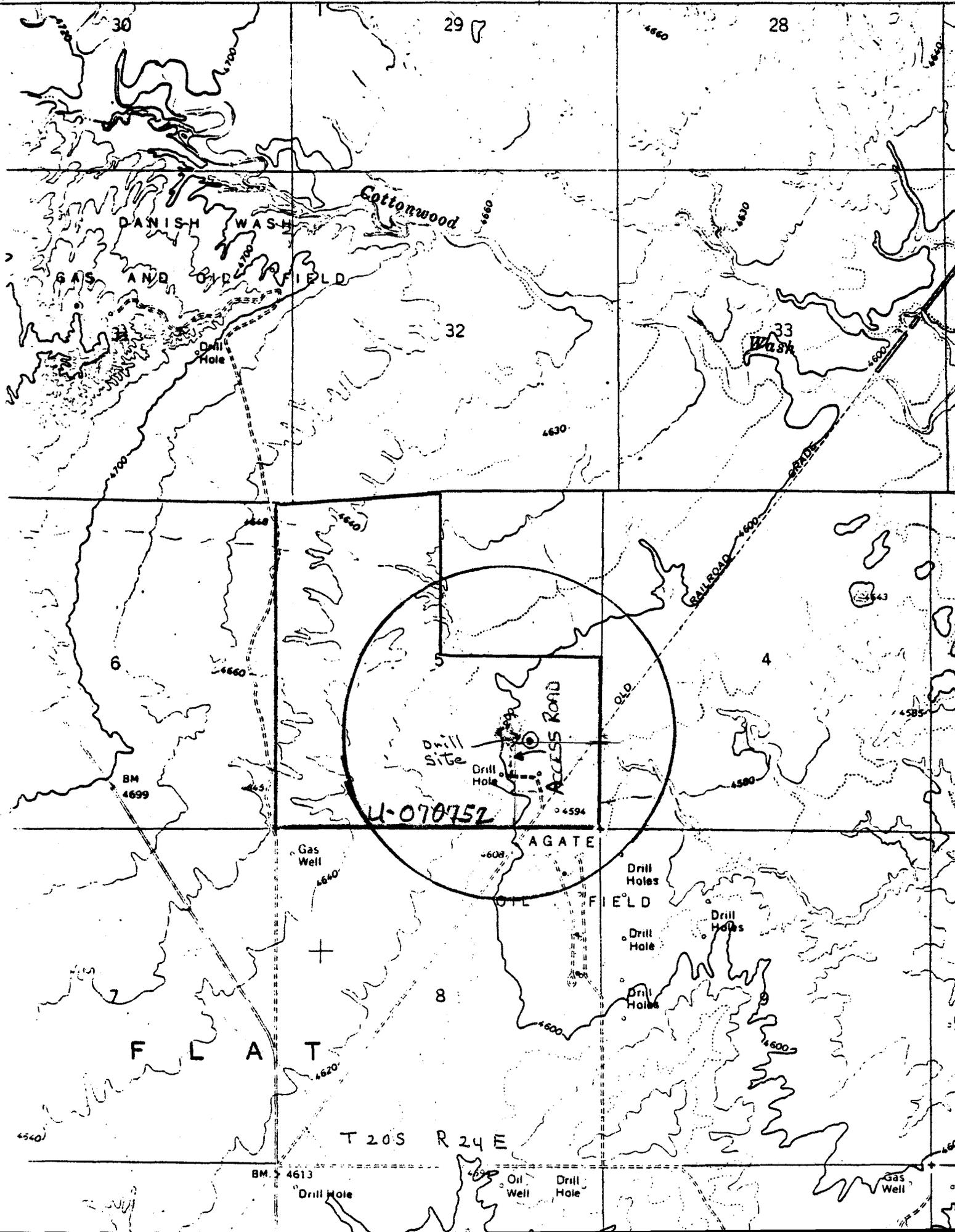


Exhibit "G"
Drill Pad Layout
Grand County, Utah

TOPSOIL

STOCKPILE

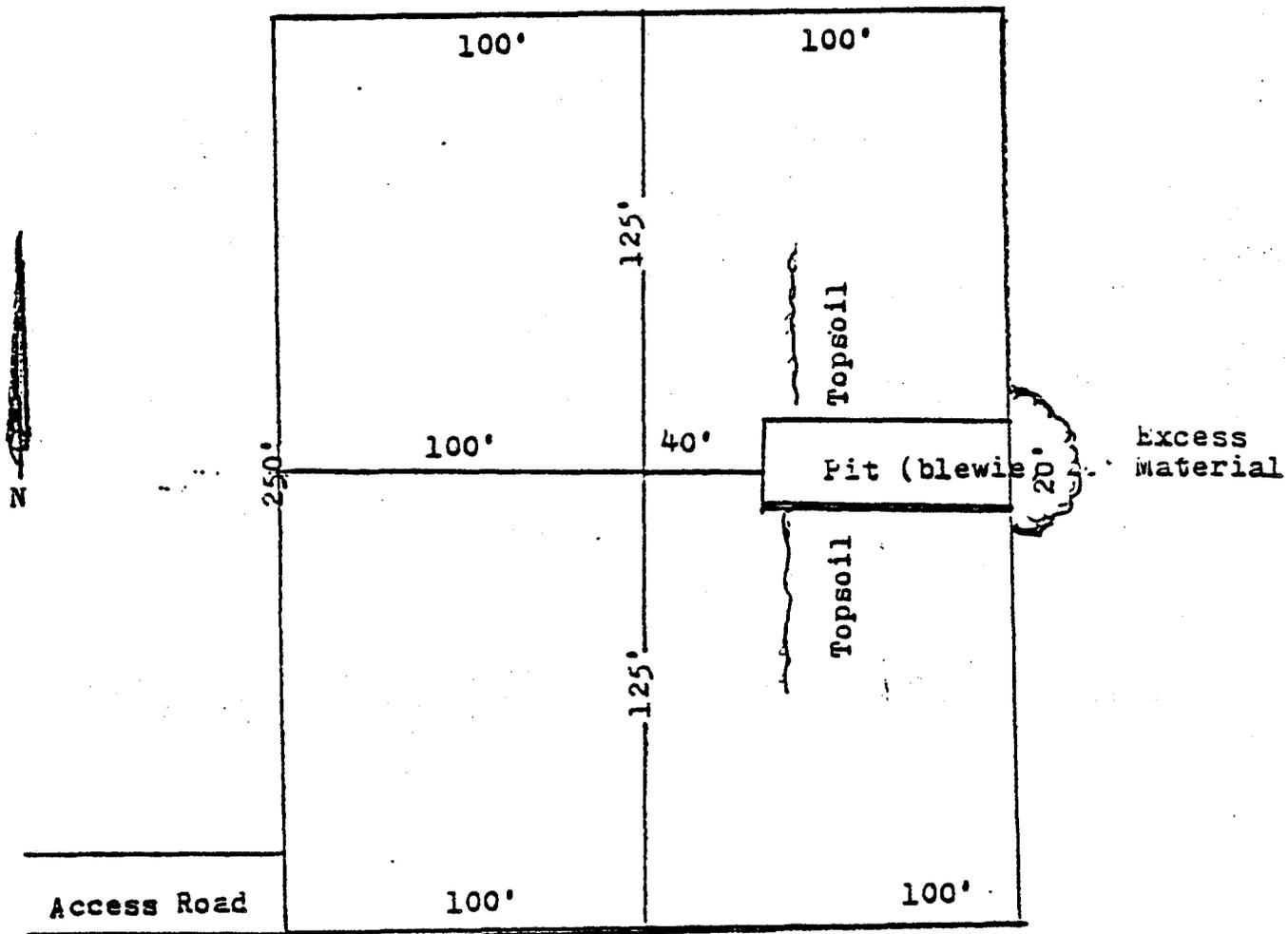


Exhibit "H"
Drill Rig Layout

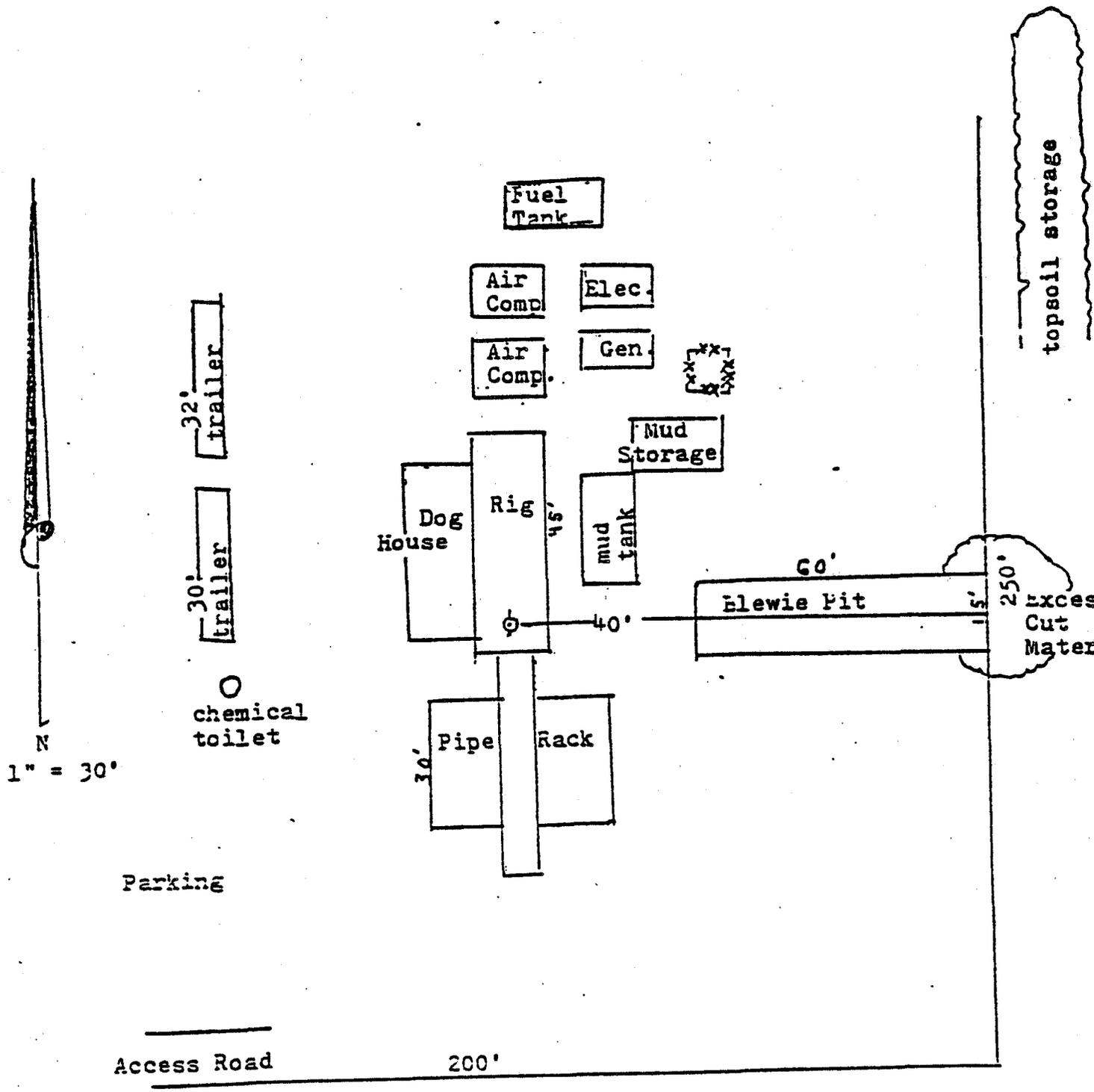
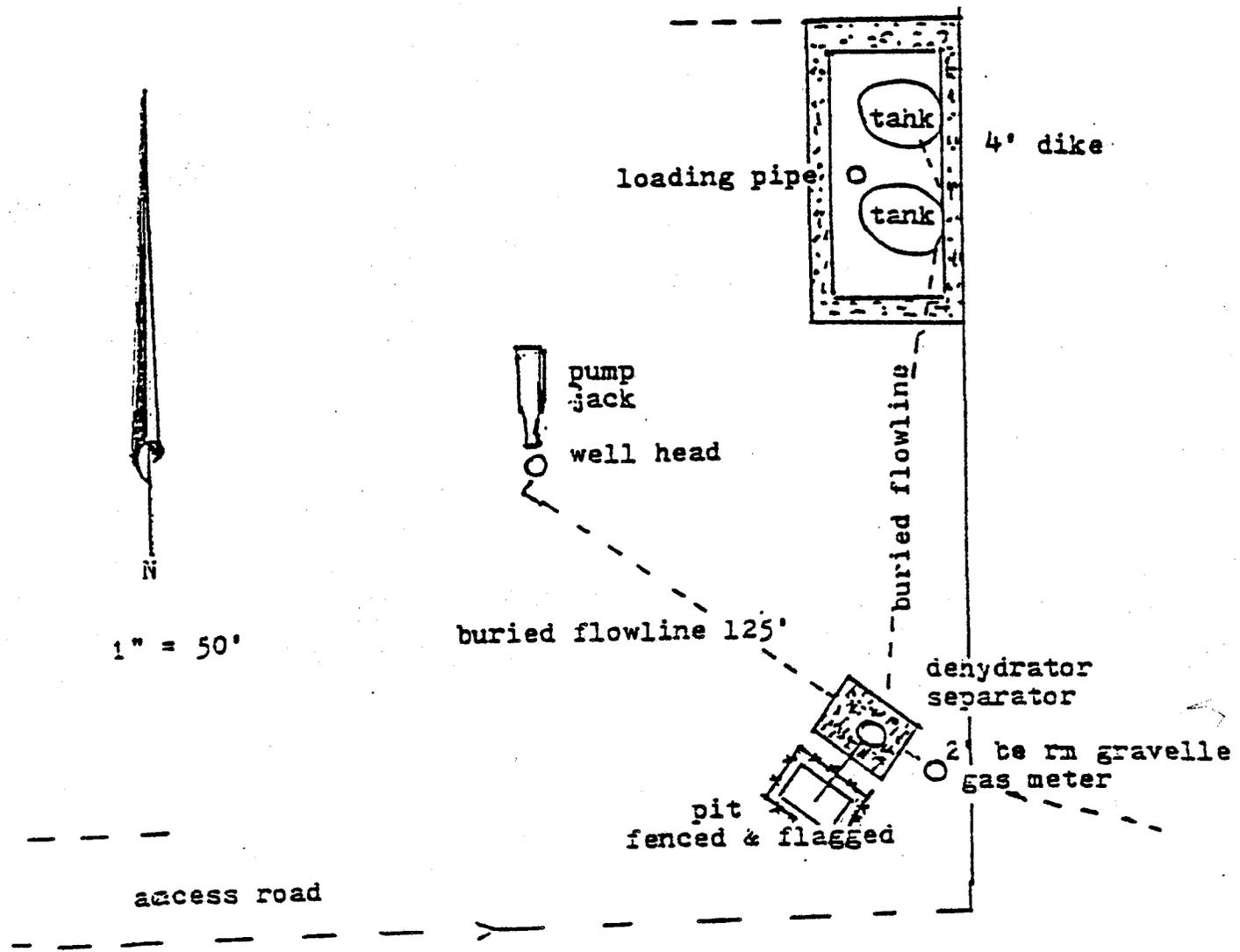


Exhibit "I"
Production facilities



OPERATOR WALTER D. BROADHEAD DATE 10-4-83
WELL NAME KEAS FED #8
SEC SESE 5 T 20 S R 24 E COUNTY GRAND

43-019-~~30113~~³¹¹¹³
API NUMBER

FED
TYPE OF LEASE

POSTING CHECK OFF:

INDEX MAP HL
 NID PI

PROCESSING COMMENTS:

AIR DRILLING - 28' ENOOL ← HEARING REQUIRED.

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

DATE: 11-10-83
BY: [Signature]

CHIEF PETROLEUM ENGINEER REVIEW:

11/10/83 ✓ Exception location.
located SE from Keas #7, ⊕

APPROVAL LETTER:

✓ 102-53 OCT 27 83

SPACING: A-3 _____ UNIT c-3-a 102-1610 11-15-79
CAUSE NO. & DATE
 c-3-b c-3-c

SPECIAL LANGUAGE:

1) Prior to spudding, the Federal Harris #2 well shall be properly plugged and the required reports sent to this office, otherwise approval to drill the Keas Fed #8 is void. Your administrative record with this office is not acceptable, and approval to drill

(more)

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

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING *FED*

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER 102-1613

UNIT _____

c-3-b

c-3-c

BA _____
DYNE _____
OF OIL AND MINING
OF OILY DIVISION OF
APPROVED BY THE STATE

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.

future wells in the State of Utah will be contingent upon your diligent compliance ^{with} rules and regulations issued by the BOARD.

2) WATER

November 10, 1983

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

RE: Well No. Keas Federal #8
SESE Sec. 5, T. 20S, R. 24E
1292 FSL, 981 FEL
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil/gas well is hereby granted in accordance with the Order issued in Cause No. 102-53 dated October 29, 1983. Prior to spudding, the Federal Harris #2 well shall be properly plugged and the required reports sent to this office, otherwise approval to drill the Keas Federal #8 is void. Your administrative record with this office is not acceptable, and approval to drill future wells in the State of Utah will be contingent upon your diligent compliance with rules and regulations of the Board. Prior to spudding, a copy of the Utah Division of Water Rights (Phone No. 801-533-6071) approval for use or purchase of drilling water must be submitted to this office, otherwise this approval is void.

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

RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

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 43-019-31113.

Sincerely,


Norman C. Stout
Administrative Assistant

NCS/as
cc: Branch of Fluid Minerals

CAJM

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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RECEIVED

NOV 18 1983

DIVISION OF
OIL, GAS & MINING

RECEIVED
OCT 31 1983
M 9 42
OIL & GAS DIVISION

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24. SIGNED Walter D. Broadhead TITLE Operator DATE 9/21/1983

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY Kenneth V. Phee TITLE Assistant District Mgr DATE 11/14/83

CONDITIONS OF APPROVAL, IF ANY:

006M
 Br. of ...

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Walter Broadhead Well No. Keads #8
Location T20S R24E Sec. 5 Lease No. U-070752

A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (30 CFR 221), and the approved plan of operations. The operator is considered fully responsible for the actions of his subcontractors. The following items are emphasized:

1. There shall be no deviation from the proposed drilling and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling producing, suspended, or abandoned shall be identified in accordance with 30 CFR 221.22. Any changes in operations must have prior approval of this office. Pressure tests are required before drilling out from under all casing strings set and cemented in place. Blowout preventer controls must be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to insure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. All BOP pressure tests must be recorded on the daily drilling report.
2. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and furnished this office for analysis. All oil and gas shows will be adequately tested for commercial possibilities, reported and protected.
3. 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 this office. If operations are to be suspended, prior approval of this office must be obtained and notification given before resumption of operations.

In the event abandonment of the hole is desired, an oral request may be granted by this office, but must be timely followed within 15 days with a "Notice of Intention to Abandon" (Form 9-331). Unless the plugging is to take place immediately upon receipt of oral approval, the District Manager must be notified at least 48 hours in advance of the plugging of the well in order that a representative may witness plugging operation. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form 9-331) must be submitted within 15 days after the actual plugging of the well bore, reporting where the plugs were placed, and the current status of the surface restoration. If surface restoration has not been completed at that time, a follow-up report on form 9-331 should be filed when all surface restoration has been completed and the location is considered ready for final inspection.

4. The spud date will be reported orally to the respective District Manager's office within 48 hours after spudding. If the spudding occurs on a weekend or holiday, wait until the following regular workday to make this report.

Periodic drilling progress reports must be filed directly with the District Manager's office on a frequency and form or method as may be acceptable to the District Manager.

In accordance with NTL-1, this well must be reported on Form 9-329 "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 should be filed, in duplicate, directly with Royalty Management Accounting Center, Minerals Management Service, P. O. Box 2859, Casper, Wyoming 82602.

Any change in the program must be approved by the District Manager. "Sundry Notices and Reports on Wells" (form 9-331) must be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alteration of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground will require the filing of a suitable plan pursuant to NTL-6, and prior approval by the District Manager.

5. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (form 9-330) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with 30 CFR 221.59. Two copies of all logs run, core descriptions, core analyses, well-test data, geologic summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 9-330. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by this office.
6. Significant surface values (are) (are not) involved at this location. Accordingly, you (must) (need not) notify at least (24) (48) hours prior to commencing field operations to allow this office to have personnel present for consultation during the construction of roads and locations.

Your contact with the District Office is: Lynn Jackson

Office Phone: 801-259-6111 Home Phone: _____

City: Moab State: Utah

Resource Area Manager's Address and contacts are:

Address: _____

Your contact is: Wayne Svajnoch

Office Phone: 801-259-8193 Home Phone: _____

7. SURFACE OPERATING STANDARDS

Unless otherwise specified herein, construction and maintenance of surface facilities approved under this plan shall be in accordance with the guidelines set forth in the BLM/FS/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development". This includes but is not limited to such items as road construction and maintenance, handling of top soil and rehabilitation.

3. If a replacement rig is contemplated for completion operations, a "Sundry Notice" to that effect must 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.
9. Pursuant to NTL-2B requirements regarding disposal facilities for new wells, this is authorization for unlined pit disposal of the water produced from this well for a period of 90 days from the date of initial production for sales purposes. During this period, an application for approval of the permanent disposal method, along with the required water analysis and other information must be submitted for the District Manager's approval. Failure to timely file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order until the application is submitted.
10. This permit is valid for a period of one year from the date of approval. If construction does not commence within 90 days from approval, the operator must contact this office 15 days prior to beginning construction. Construction under adverse conditions may require additional stipulations. If the permit terminates, any surface disturbance created under the application must be rehabilitated in accordance with the approved plan. After termination, it is required that a new application be filed for approval for any future operations.
11. If a tank battery is constructed on this lease, it must be surrounded by a fire wall of sufficient capacity to adequately contain the storage capacity of the battery.
12. This Application for Permit to Drill is approved subject to the requirement that, should the well be successfully completed for production, this office must be notified when it is placed in a producing status. Such notification will be by telegram or other written communication, and must be received in this office by not later than the first business day next following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address and telephone number.
 - b. Well name and number.
 - c. Well location (1/4, 1/4, Section, Township, Range and Prime Meridian).
 - d. Date was placed in a producing status.
 - e. The nature of the well's production, i.e. crude oil, or crude oil and casinghead gas, or natural gas and entrained liquid hydrocarbons.

f. The OCS, Federal or Indian lease prefix and number on which the well is located. Otherwise, the non-Federal or non-Indian land category, i.e. State or private.

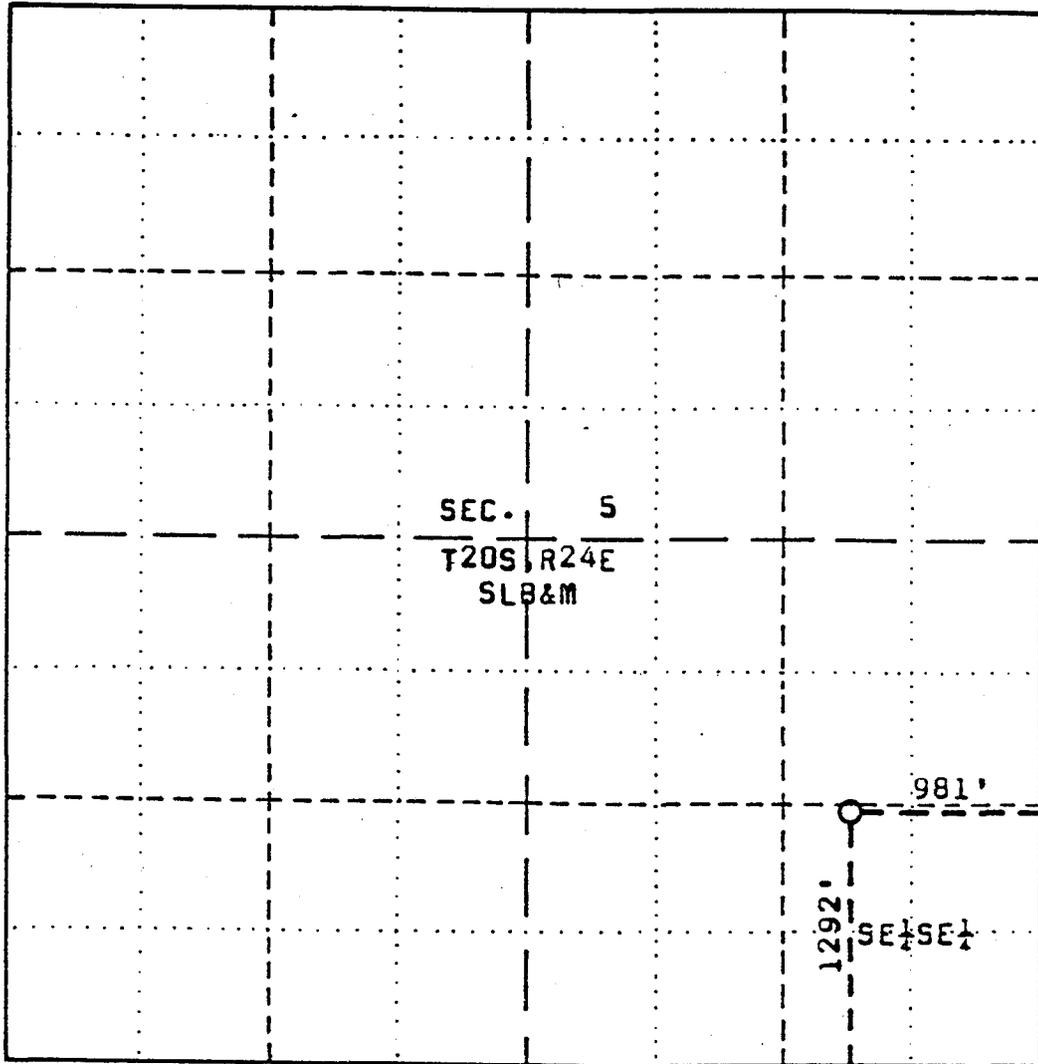
g. If appropriate, the unit agreement name, number and participating area name.

h. If appropriate, the communitization agreement number.

13.

SUPPLEMENTAL STIPULATIONS OF APPROVAL ATTACHED

Exhibit "A"



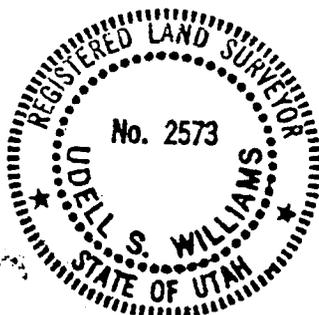
SCALE: 1" = 1000'

FEDERAL KEAS #8

Located North 1292 feet from the South boundary and West 981 Feet from the East boundary of Section 5, T20S, R24E, SLB&M.

Elev. 4595

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 KEAS #8
SE 1/4 SE 1/4 SECTION 5
T20S, R24E, SLB&M

SURVEYED BY: USW DATE: 9/19/83

DRAWN BY: USW DATE: 9/19/83

September 21, 1983

Ten point plan to comply with NTL-6
(Supplement to 9-331 C)

Well Name: Walter D. Broadhead
Federal Keas #8
NW SE Sec. 5-T20S-R24E, SLB&M
Federal Oil & Gas Lease U-070752
Grand County, Utah

1. Geological name of surface formation

Mancus shale

2. Estimated tops of important geological markers

Base of Dakota silt	1380'
Dakota	1434'
Morrison	1570'
Salt Wash	1800'

3. Estimated depth at which water, oil and/or gas is anticipated

Water - from scattered gravel beds from surface to 100' if any

Oil or gas - any of the geological sections noted above

4. Proposed casing program

See Paragraph 23 of 9-331 C

5. Pressure control details

a. Shaffer double BOP with rams 3,000 psi (Hyd closing unit) tested to 1,000 psi after surface pipe is cemented, then daily thereafter (Exhibit "C")

b. Grant rotating head above BOP

c. Full shut-off valve on wellhead and exhaust line, see attached diagram

6. Drilling mud and weight material program

Plans call for air drilling to total depth, adding soap to mist if necessary. If excessive formation water, oil or gas is encountered, the hole will be mudded up with 100 Vis. 8.2 to 10# starch base drilling mud with KCL added. Well will then be drilled to total depth.

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 1000; from 1000' to TD samples at 5' intervals.

9. Any Anticipated Abnormal Pressures or Temperatures Expected

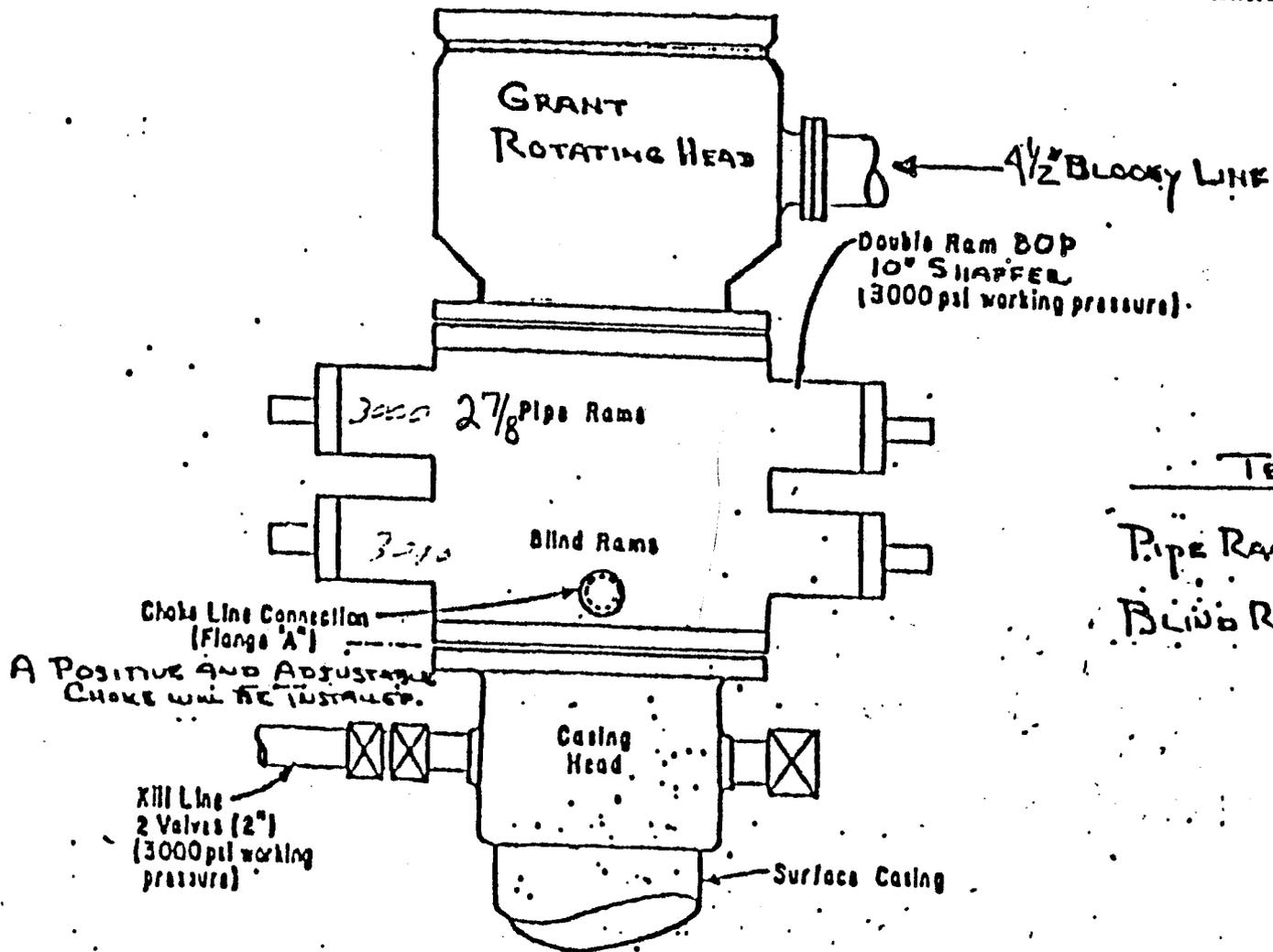
No abnormal gas pressures or temperatures are expected. No hydrogen sulfide or other hazardous gasses or fluids have been reported in the area.

10. Anticipated Starting Date and Duration of Operations

The anticipated starting date is November 1, 1983 or as soon as possible after approval of all drilling requirements.

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

EXHIBIT "C"



TESTING FREQUENCY

PIPE RAMS: DAILY
BLIND RAMS: EVERY TRIP

EXHIBIT "D"

MULTI-POINT REQUIREMENTS TO ACCOMPANY APD

1. Existing Roads

- A. Exhibit "A" is the proposed well site as staked by Odell Williams and the ground elevation is shown thereon.
- B. Exhibit "E" is the route and distance road map. The location is 8 miles northeasterly from Cisco, Utah, and approximately 1/4 mile from the Agate Field on the northerly side,
- C. Exhibit "F" is a print of the Cisco quadrangle and shows the access road to the location.
- D. All known existing roads appear on Exhibits "E" & "F"
- E. This is considered a Development Well.
- F. All roads from Cisco to the Location are in good condition and carry heavy truck traffic regularly. The next 0.3 mile of existing roadway will be maintenance graded as equipment moves in to construct well pad.

2. Planned Access Roads

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

- (1) The typical section of the proposed access road will be 15' in width.
- (2) Maximum grade will be 2% to 4%.
- (3) No turnouts are required.
- (4) (5) No culverts are necessary.
- (6) Surface material will be that native to the area.
- (7) No gates or cattleguards are required.
- (8) The proposed access road has been flagged.

3. Location of Existing Wells

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

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

4. Location of Existing and/or Proposed Facilities

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

5. Location and Type of Water Supply

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

6. Source of Construction Materials

A., B., C., D.

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

7. Methods for Handling Waste Disposal

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

8. Ancillary Facilities

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

9. Well Site Layout

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

10. Plans for Restoration

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

- (3) Three sides of the reserve pit will be fenced prior to drilling operations. Upon rig release, the reserve pit will be fenced on the fourth side and will remain until recontouring and cleanup operations are completed.
- (4) Any oil spills will be immediately reported, cleaned up, or flagged.
- (5) Rehabilitation operations will commence as soon as practical after rig moves off location. Earth work and seeding will be done during spring of 1984 if possible.

11. Other Information

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

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

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

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

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

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

The nearest occupied dwelling is in Cisco, Utah, 8 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. St.
Grand Junction, Co...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.

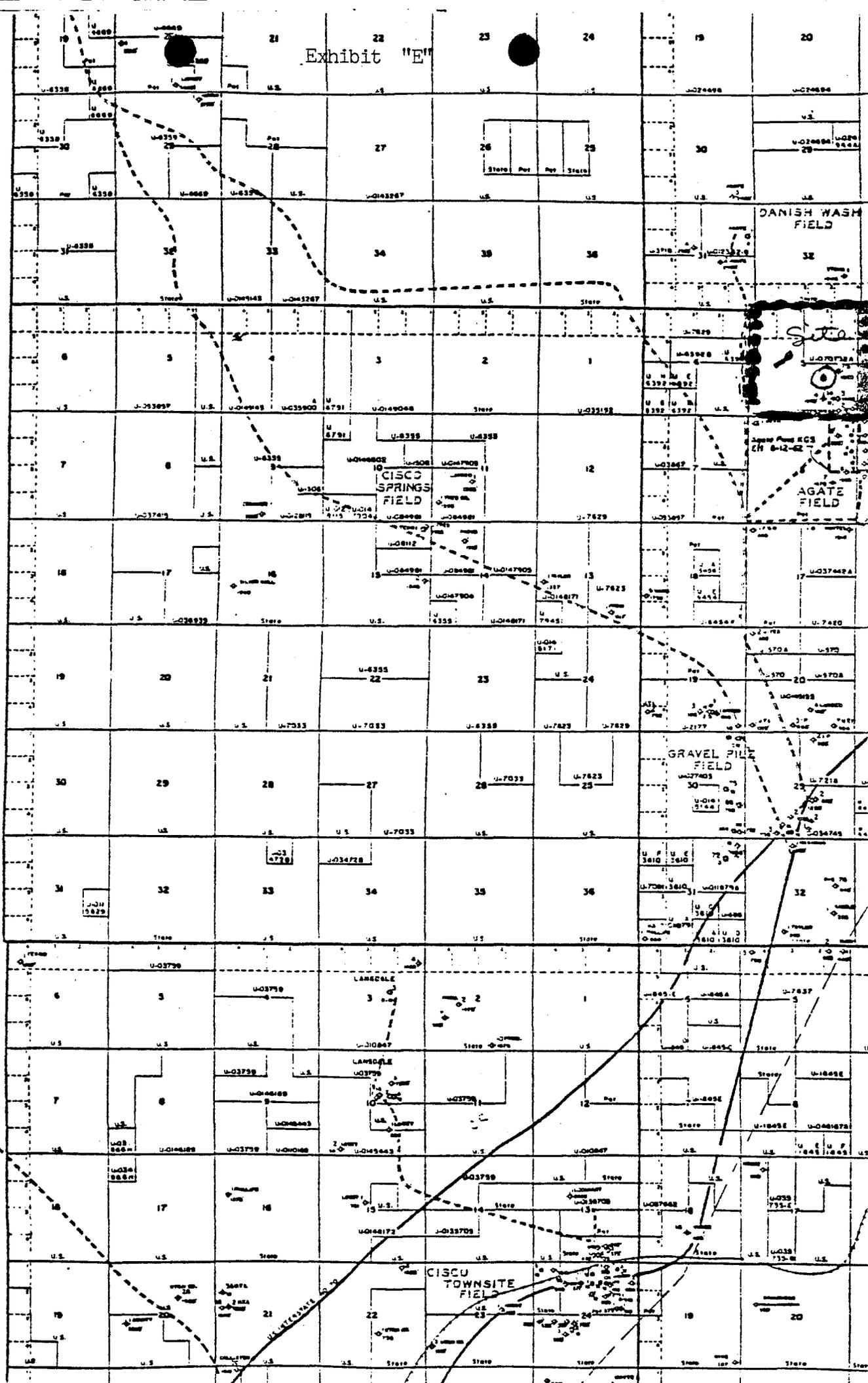
9-21-83

Date

Walter D. [Signature]

Name and Title

Exhibit "E"



T 20 S

T 21 S

ONJ R 24 E.

47

17'30"

48

2 630 000 FEET

50

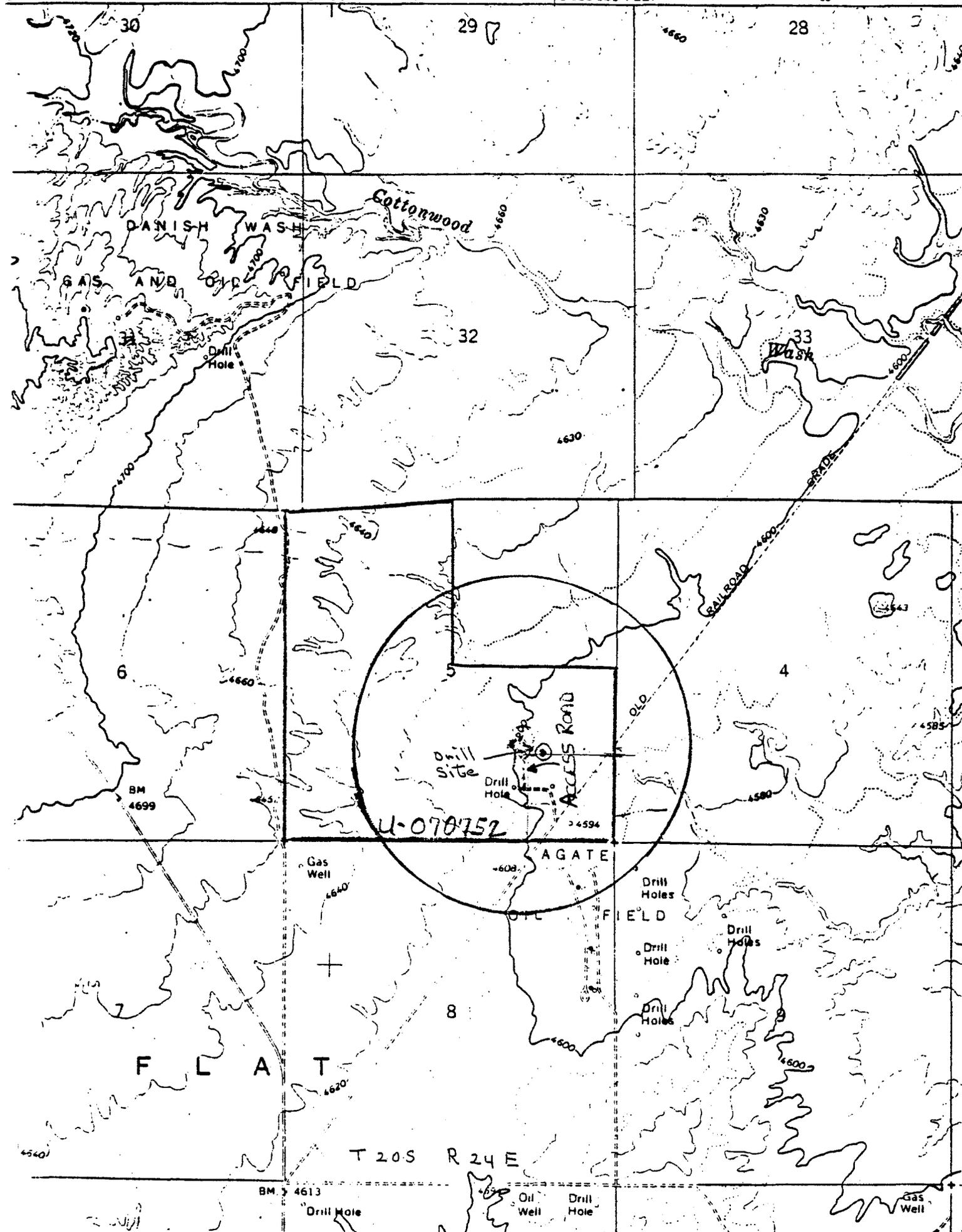


Exhibit "G"
Drill Pad Layout
Grand County, Utah

TOPSOIL

STOCKPILE

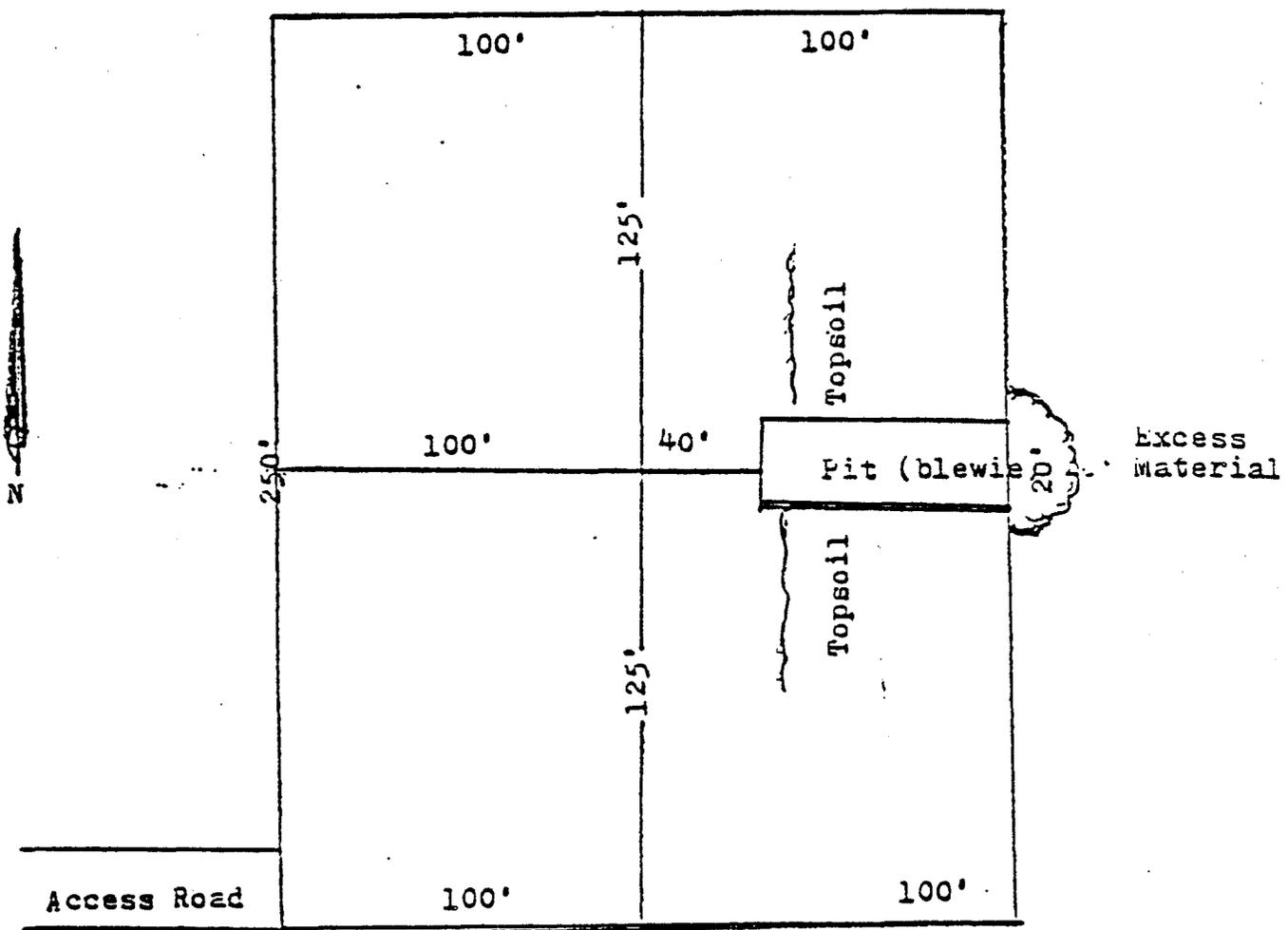


Exhibit "H"
Drill Rig Layout

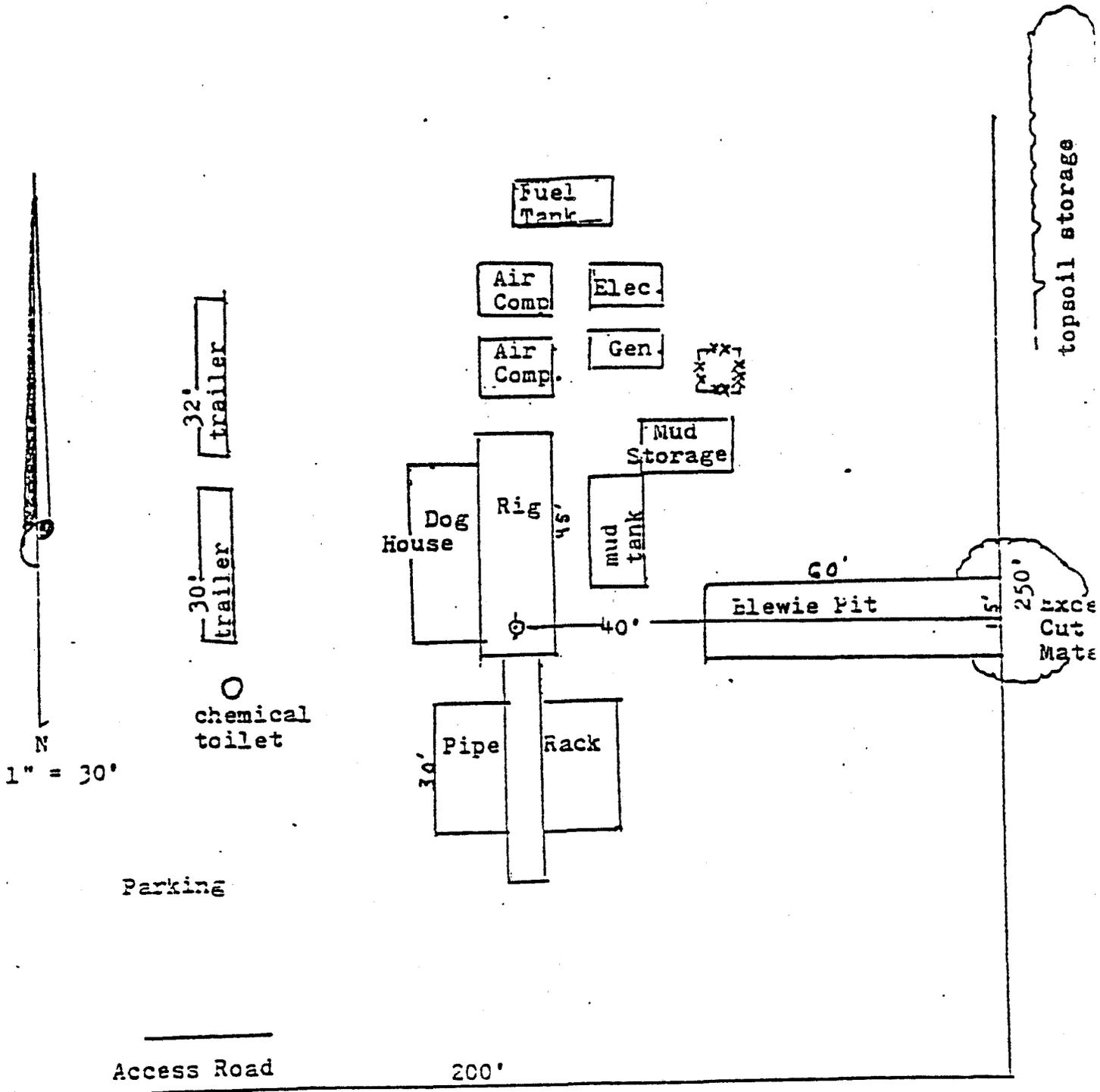
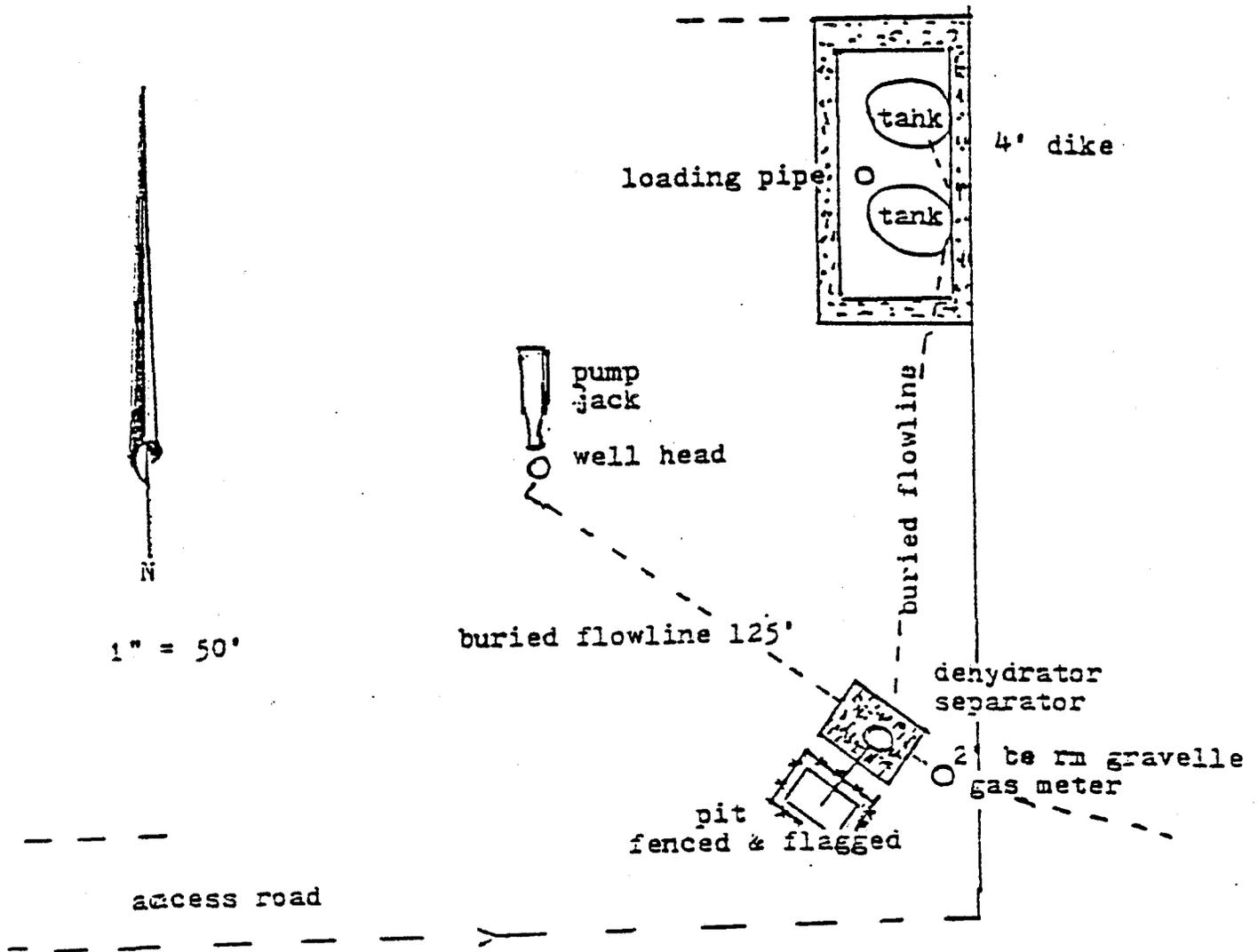


Exhibit "I"
Production facilities



NOTICE OF STAKING
(Not to be used in place of
Application to Drill Form 9-331-C)

RMOGA
3/3/82

5. Lease Number

U-070752

1. Oil Well & or
Gas Well Other

6. If Indian, Allottee or Tribe Name

None

2. Name of Operator

Walter D. Broadhead

7. Unit Agreement Name

None

3. Address of Operator or Agent

1645 No. 7th St. Grand Jct., Co. 81501

8. Farm or Lease Name

C.L. Keas

4. Surface Location of Well
(Governmental 1/4 or 1/4 1/4)

NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5 T20S R24E

Attach: Topographical or other acceptable map
showing location, access road, and lease boundaries.

9. Well No.

Federal Keas NO. 8

10. Field or Wildcat Name

Agate

**11. Sec., T., R., M., or
Blk and Survey or Area**

Sec, 5 T20S R24E SLB&M

14. Formation Objective(s)

Salt Wash

15. Estimated Well Depth

1800'

12. County or Parish

Grand

13. State

Utah

16. To Be Completed by Operator Prior to Onsite

a. Location must staked

b. Access Road Flagged

c. Sketch and/or map of location, showing road, pad dimensions, reserve pit, cuts, and fills
(To be provided at onsite)

17. To Be Considered By Operators Prior to Onsite

a. H₂S Potential none

b. Private Surface Ownership Federal Surface & Minerals

c. Cultural Resources (Archaeology) Presently being surveyed

d. Federal Right of Way none

18. Additional Information

1645 N. 7th Grand Junction Colo 81501

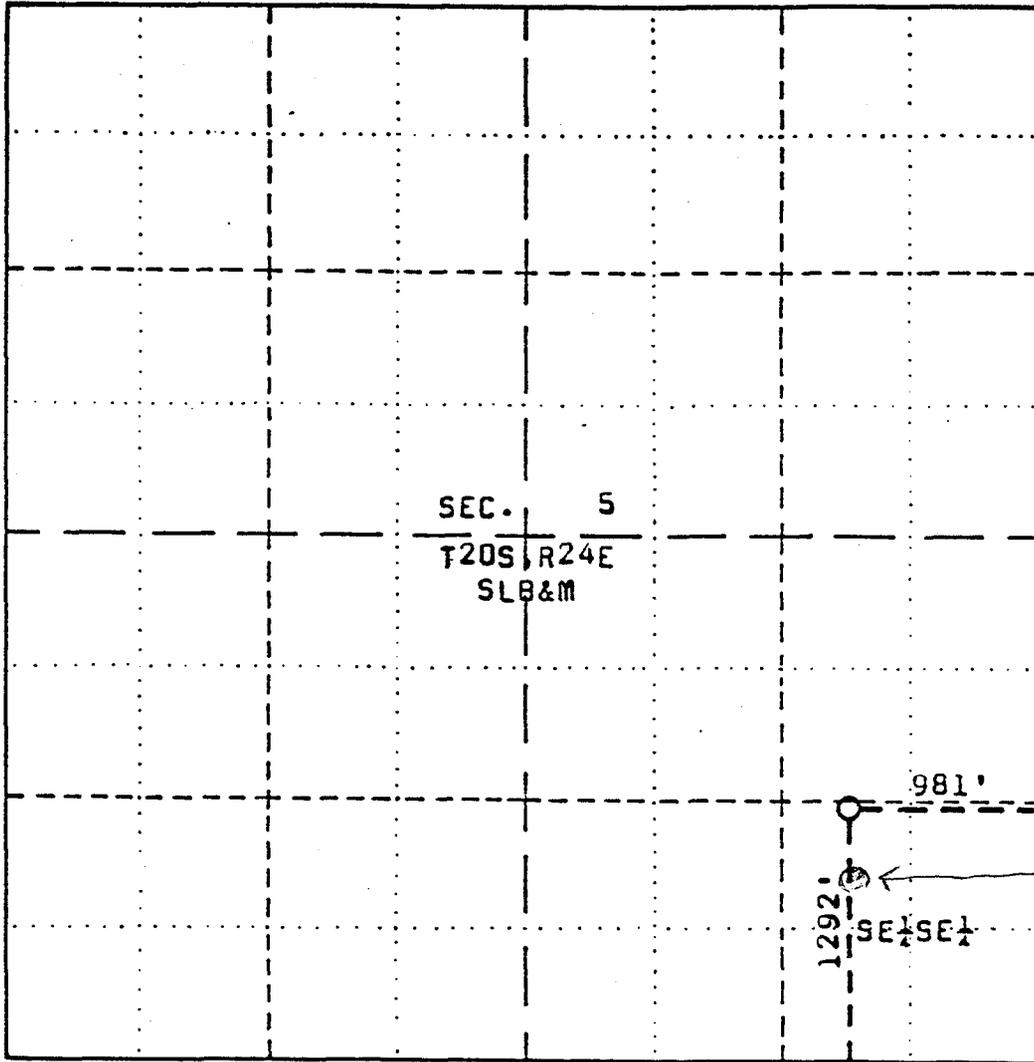
19. Signed Walter D. Broadhead Title

Operator

Date 9/21/1983

RECEIVED
STATE OFFICE
OCT - 3 AM 9 42
DEPT. OF INTERIOR

Exhibit "A"



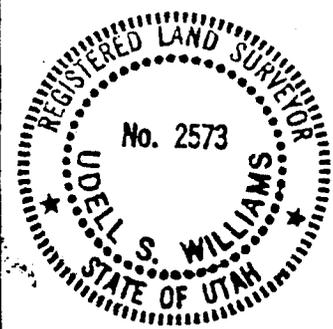
SCALE: 1" = 1000'

FEDERAL KEAS #8

Located North 1292 feet from the South boundary and West 981 Feet from the East boundary of Section 5, T20S, R24E, SLB&M.

Elev. 4595

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
 UTAM R.L.S. NO. 2573



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

PLAT OF
 PROPOSED LOCATION
 FEDERAL KEAS #8
 SE 1/4 SE 1/4 SECTION 5
 T20S, R24E, SLB&M

SURVEYED BY: USW DATE: 9/19/83
 DRAWN BY: USW DATE: 9/19/83

Supplemental Stipulations
 Walter Broadhead
 Well: Keas #8
 Sec. 5, T. 20 S., R. 24 E.
 Grand County, Utah
 Lease: U-070752

1. Improvement to the existing access road will be necessary. The road should be maintained to Moab District Class III road standards.
2. Access road will enter location from the south.
3. Existing wash at south side of location will not be disturbed and used as the southern limit to the drill pad.
4. Vegetation will be bladed off the drill pad and working area and stockpiled along the east side.
5. Reserve pit will be unlined and located in the northeast corner of the location.
6. All above ground production facilities including tanks, separator, dehydrator, meter house, pump jack etc. will be painted using the attached suggested colors.
7. Seed will be broadcast during the fall of the year (Oct. - Dec.) with the following seed prescription.

		<u>lbs/acre</u>
Hilaria jamesii	Galleta (Curley grass)	3
Sporobolus airoides	Alkali sacaton	3
Sphaeralcea coccinea	Scarlet globemallow	2
Eurotia lanata	Winterfat (Whitesage)	2
		10

When broadcast seeding, a harrow or some such implement will be dragged over the seeded area to assure seed cover.

8. Call the Moab District Office (801) 259-6111 24 hours prior to spudding the location.
9. Post temporary well sign at the time of spudding that identifies the operator, well number, lease number, legal description including $\frac{1}{4}$ $\frac{1}{4}$ or footages. If production is established, this temporary sign will be replaced with a permanent metal sign.
10. Use of water from Cisco Springs will require a State temporary water permit.

DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

NAME OF COMPANY: WALTER D. BROADHEAD

WELL NAME: FEDERAL KEAS #8

SECTION SESE 5 TOWNSHIP 20S RANGE 24E COUNTY GRAND

DRILLING CONTRACTOR RICHARDSON

RIG # 1

SPODDED: DATE 12-8-83

TIME 2 p.m.

How ROTARY

DRILLING WILL COMMENCE _____

REPORTED BY Walter D. Broadhead

TELEPHONE # 303-242-7717

DATE 12-9-83 SIGNED GL

Carol Frenchier
Applications Clerk



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

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

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

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

16

7

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.
U-070752
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
None
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
C.L. Keas
9. WELL NO.
Fed-Keas #8
10. FIELD AND POOL, OR WILDCAT
Greater Cisco Area
11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA
Sec. 5.T.20S.R.24E.

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____
b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
Walter D. Broadhead

3. ADDRESS OF OPERATOR
1645 N. 7th St. Grand Junction, Colo. 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface North 1292' FSL & West 981' FEL of
At top prod. interval reported below Sec. 5.T.20S.R.24E. SLBM
At total depth SE SE

14. PERMIT NO. 43-019-311131 DATE ISSUED

12. COUNTY OR PARISH Grand 13. STATE Utah

15. DATE SPUNDED 12-7-83 16. DATE T.D. REACHED 12-13-83 17. DATE COMPL. (Ready to prod.) 1-10-84 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4595 Gr. 19. ELEV. CASINGHEAD 4595
20. TOTAL DEPTH, MD & TVD 1800 21. PLUG, BACK T.D., MD & TVD 1540 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY Rotary 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1493' - 1498' Cedar mnt. 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction - Radioactive Log (RCB) 27. WAS WELL CORRED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	36 lb	92'	12	circulate to surface	
4-1/2	10.5	1540	6-1/4	1532' up to 1062'	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8	1490	

31. PERFORATION RECORD (Interval, size and number) 1493' to 1498' 10 holes 1/2"
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. RECEIVED JUL 18 1984

33. PRODUCTION
DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____
DIVISION OF OIL GAS & MINING WELL STATUS (Producing or shut-in) Shut In
DATE OF TEST _____ HOURS TESTED _____ CHOKE SIZE _____ PROD'N. FOR TEST PERIOD _____
OIL—BBL. _____ GAS—MCF. _____ WATER—BBL. _____ GAS-OIL RATIO _____
FLOW. TUBING PRESS. _____ CASING PRESSURE 200 lb CALCULATED 24-HOUR RATE _____
OIL—BBL. _____ GAS—MCF. 80 WATER—BBL. None OIL GRAVITY-API (CORR.) _____

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Well shut in TEST WITNESSED BY Broadhead
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 2-10-84

01

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 PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP VERIF. DEPTH
Mancus	0	1398	Grey and black shale			
Dakota	1398	1490	White sand			
Cedar Mt.	1490	1502	White sand			
Morrison	1502	1776	Green and red shale			

38. GEOLOGIC MARKERS

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File
KEAS FED #2, #3-A, #8
(Location) Sec 5 Twp 20S Rng 24E
(API No.) SEE ATTACHED

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

Other
VLC/PROD. REPORTING
OPER. FILE

1. Date of Phone Call: 9-17-93 Time: 4:00

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

Name VERLENE BUTTS (Initiated Call - Phone No. (801) 259-6111
of (Company/Organization) BLM/MOAB

3. Topic of Conversation: U-070752/WALTER BROADHEAD

4. Highlights of Conversation:

LEASE U-070752 TERMINATED EFFECTIVE 12-2-91. SEE LETTER FROM BLM DATED 3-17-93.
THE BLM IS IN THE PROCESS OF TRYING TO GET THE WELLS PLUGGED. WALTER BROADHEAD
IS STILL CONSIDERED TO BE THE OPERATOR OF THE 3 WELLS LISTED ABOVE, HOWEVER
C.L. KEAS IS THE LEASEE (100% RECORD TITLE OWNER). DO NOT CHANGE OPERATOR
AT THIS TIME PER BLM. (IF NOT PA'D BY KEAS, THEY INTEND TO PULL BOND \$10,000)

*NO PRODUCTION HAS BEEN REPORTED TO MMS SINCE 12/91, THEY WOULD NOT ACCEPT IT
FROM WALTER BROADHEAD AFTER TERMINATION OF LEASE.

Moab District
P. O. Box 970
Moab, Utah 84532

3160
(U-070752)
(UT-065)

CERTIFIED MAIL - RETURN RECEIPT REQUESTED
Certification No. P 375 791 584

MAR 17 1993

Mr. Kenneth Keas
Rt. 4, Box 193-A
Chanute, Kansas 66720

Re: Plugging and Abandonment
Wells: Keas No. 2 - 43-019-15097
Keas Federal No. 3A - 43-019-15098
Keas Federal No. 8 - 43-019-31113
Lease: U-070752
Section 5, T. 20 S., R. 24 E.
Grand County, Utah

Dear Mr. Keas:

Our records indicate that C. L. Keas was the bonded, record title holder in Federal oil and gas lease U-070752. It is our informal understanding that you are either inheritor of, or acting on behalf of the estate of C. L. Keas. If our information is incorrect and you can clarify who is currently responsible for this portion of the C. L. Keas estate, we would appreciate your information. This letter is written with the assumption that you are that party.

Oil and gas lease U-070752 was operated by Mr. Walter Broadhead of Grand Junction, Colorado. It is located in Township 20 South, Range 24 East SLBM, and includes lot 3, lot 4, S½NW¼ and S½ of Section 5, comprising 468.58 acres. The lease has three non-productive, but, as of yet, unplugged wells. The lease terminated by cessation of production effective December 2, 1991. Operations on the lease were covered by a \$10,000 bond (No. UT 0827) with C. L. Keas as principal and The Travelers Indemnity Company as surety.

We have been attempting to get Mr. Broadhead to plug these wells since March, 1992 without success. As heir and successor to the lessee and bonded party, C. L. Keas, you are now are ultimately responsible for the plugging and abandonment of these well sites.

Handwritten initials and date:
JAC
3/17/93

-2-

Therefore, a Notice of Intent to Abandon (NIA) must be submitted for each of the wells within 90 days of receipt of this letter. Typically, only 30 days are allowed for this, but since you may be unaware of well conditions, regulations and procedures, we are allowing you time to investigate. The wells must then be plugged within 60 days after approval of the NIAs.

Failure to comply with this order will result in action being taken against the aforementioned bond.

Depending on your familiarity with oil and gas operations, you may need some assistance in completing these requirements. You may wish to coordinate with Mr. Broadhead, since he is familiar with the conditions of the wells. We will be happy to advise you with regard to the regulatory aspects of this matter. Should you have any questions, please contact Eric Jones of this office at (801) 259-6111.

Sincerely,

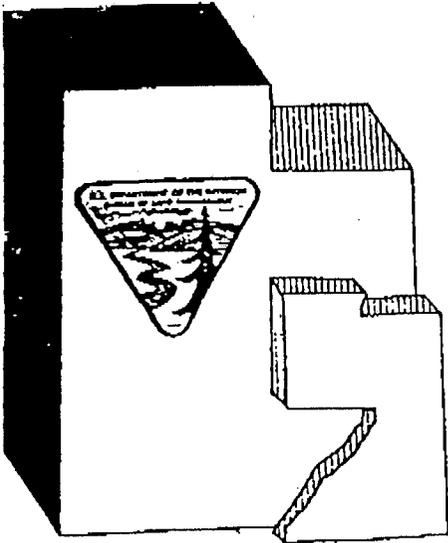
/S/ WILLIAM C. STRINGER

Assistant District Manager
Mineral Resources

cc: Utah State Office, UT-942
Utah State Office, UT-922

EJones:py 3-17-93 a:keaspa

RM



**FAX TRANSMITTAL
MOAB DISTRICT OFFICE**

TO: Lisha

FROM: Vuhere

SUBJECT: Lead U 070752
Wills 2, 3A, & 8

NUMBER OF PAGES: 3
(Including Cover Sheet)

DATE: 9/2/93

TIME: 11:40

FAX MACHINE NO.: _____

COMMENTS:

*Call if you have Questions.
Thank you!*

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

PRODUCTION DEPT
BROADHEAD, WALTER
1645 N 7TH ST
GRAND JUNCTION CO 81501

UTAH ACCOUNT NUMBER: N1130

REPORT PERIOD (MONTH/YEAR): 12 / 96

AMENDED REPORT (Highlight Changes)

Well Name	API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
							OIL(BBL)	GAS(MCF)	WATER(BBL)
PATSANTARAS PETE #2	4301930899	09181	20S 24E 3	BRBSN			Fee		
FEE PETE #4	4301930916	09182	20S 24E 3	BRBSN			Fee		
KEAS FEDERAL #2	4301915097	09183	20S 24E 5	BRBSN			U070752		
KEAS FEDERAL #3-A	4301915098	09184	20S 24E 5	BRBSN			U070752		
FEDERAL LANSDALE #3	4301930458	09185	20S 24E 29	BRBSN			U7218		
DUTCH-FEDERAL #1	4301915007	09186	20S 24E 29	MRSN			U034745		
ERAL CISCO #3	4301930040	09187	20S 24E 29	MRSN			U034745		
TOMLINSON FEE #1	4301930964	09188	21S 23E 12	MRSN			Fee		
KEAS FEDERAL #8	4301931113	09189	20S 24E 5	CDMTN			U070752		
GRAND VALLEY EXPLORATION 32-3	4301930067	10335	20S 24E 32	MRSN			ML27010		
FED BROADHEAD 17-1	4301930997	10336	21S 24E 17	MRSN			U26420		
FED BROADHEAD 8-3	4301931067	10337	21S 24E 8	SLTW			U26421		
BROADHEAD #1	4301920092	10338	20S 24E 14	DKTA			U38366		
TOTALS									

COMMENTS: _____

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



State of Utah
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
 Governor
 Ted Stewart
 Executive Director
 James W. Carter
 Division Director

1594 West North Temple, Suite 1210
 Box 145801
 Salt Lake City, Utah 84114-5801
 801-359-3940 (Fax)
 801-538-5319 (TDD)

UTAH DIVISION OF OIL, GAS AND MINING
 FACSIMILE COVER SHEET

DATE: JANUARY 13, 1997

FAX # (801)259-2106

ATTN: VERLENE BUTTS

COMPANY: BLM/MOAB

FROM: LISHA CORDOVA

DEPARTMENT: OIL & GAS

NUMBER OF PAGES BEING SENT (INCLUDING THIS ONE): 5

If you do not receive all of the pages, or if they are illegible, please call (801) 538-

We are sending from a Sharp facsimile machine. Our telecopier number is (801) 359-3940.

MESSAGES:

DOG M IS GOING TO SET UP ACJJJS SERVICE CO/JOHN KUBICK AS AGENT FOR WALTER BROADHEAD. WALTER BROADHEAD WILL BE CONSIDERED OPERATOR HOWEVER MONTHLY OIL & GAS REPORTING AND WORKOVERS, ETC. WILL BE PROVIDED BY ACJJJS. PLEASE CALL ME REGARDING BLM ACTION/APPROVAL.

THANK YOU!

Important: This message is intended for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return this original message to us at the above addressed via regular postal service. Thank you.

A-C-J-J-J-S SERVICE CO.



P.O. BOX 82
CLIFTON, COLORADO 81520

SHIPPING:
2944 I-70 BUSINESS LOOP #204
GRAND JUNCTION, COLORADO 81504
970-241-2917 FAX 970-241-4718

FAX TRANSMITTAL

FAX TRANSMITTAL

FAX TRANSMITTAL

TO: LISHA CORDOVA 1-801-359-3940

ATTN: _____

DATE: 1-10-97

FROM: John Kubick

PAGES SENT INCLUDING COVER: 4

COMMENTS: USE PHYSICAL ADDRESS WHEN
SENDING MAIL -

IF YOU EXPERIENCE ANY DIFFICULTY WITH RECEIVING OR SENDING TRANSMISSIONS---PLEASE CALL 970-241-2917

WORKING AGREEMENT PAGE 1093

BETWEEN WALTER BROADHEAD (OWNER AND LEASE HOLDER)
AND JOHN KUBICKI (SERVICE CO.)

SERVICE CO. AGREES TO PROVIDE PUMPER, ROASTABOUT AND COMPLETE BOOK KEEPING SERVICES IN AN EFFORT TO PRODUCE THE OWNERS OIL AND GAS WELLS.

OWNERS EQUIPMENT WILL BE USED WHEN AVAILABLE. SHOULD OWNER NOT HAVE THE NECESSARY EQUIPMENT (PIPE, FITTINGS, ENGINES, COMPRESSORS, SEPARATORS ETC.) TO PUT WELLS INTO PRODUCTION - SERVICE CO. WILL PROVIDE ALL NECESSARY SURFACE EQUIPMENT AND LABOR NECESSARY TO INSTALL SAID EQUIPMENT. ALL EQUIPMENT PROVIDED BY SERVICE CO. WILL REMAIN THE PROPERTY OF THE SERVICE CO.

DOWN HOLE EQUIPMENT AND WORKOVERS ARE NOT PROVIDED AS PART OF THIS AGREEMENT. THE DIVISION OF THESE EXPENSES WILL BE WORKED OUT AS NEEDED ON A WELL PER WELL BASIS.

WELLS DEPLETED DURING TERM OF CONTRACT WILL BE PLUGGED BY SERVICE CO.

SPILLS, CLEANUP, PITS ETC. REQUIRED AFTER THE DATE OF THIS AGREEMENT WILL BE THE RESPONSIBILITY OF SERVICE CO.. ANY NECESSARY WORK WHICH PRE-EXISTED DATE OF AGREEMENT WILL BE WORKED OUT BETWEEN OWNER AND SERVICE CO..

ALL CHEMICALS NECESSARY TO PRODUCE WELLS WILL BE PROVIDED BY SERVICE CO..

ALL BOOKKEEPING REQUIREMENTS INCLUDING DISPURSEMENT OF ALL PRODUCTION MONEY, GOVERNMENT REPORTS, PAYMENT OF TAXES AND ROYALTIES, REPORTS TO ALL PARTIES INVOLVED AND STORAGE OF ALL INFORMATION WILL BE PROVIDED BY THE SERVICE CO.. ALL DIVISION OF MONEY WILL BE PAID OUT WITHIN 10 DAYS OF RECEIPT FROM BUYERS. SERVICE COMPANY WILL SET UP A SEPERATE CHECKING ACCOUNT AND IF NECESSARY A ESCROW ACCOUNT.

THE DIVISION OF PRODUCTION MONEY AFTER TAXES AND ROYALTIES ARE AS FOLLOWS. 60% TO WALTER BROADHEAD OR TO WHOEVER HE MAY ASSIGN. 40% TO SERVICE CO..

THE TERM OF THIS AGREEMENT IS FROM JAN 9th
1997 TO JAN 9th ~~1997~~ ^{9/28/2000} AGREEMENT NEEDS TO
BE EXTENDED AT END OF TERMINATION DATE OR
AGREEMENT IS CANCELLED. MONEY PAID FOR OIL
AND GAS PRODUCTION WHILE THIS AGREEMENT WAS IN
FORCE IS PART OF THIS AGREEMENT EVEN IF
RECEIVED AFTER TERMINATION OF AGREEMENT.

Walter Broadhead
WALTER BROADHEAD (OWNER)

1-8-97 DATE

John Kubick
John Kubick (SERVICE Co.)

1-8-97 DATE

Steve Broadhead
(WITNESS)

1/8/97 DATE

Dayton Hilliard
(WITNESS)

1-8-97 DATE

OPERATOR CHANGE WORKSHEET

Routing	
1- <u>WAC/SLS</u>	6- <u>WAC</u>
2- <u>GLH</u>	7- <u>KDR Film</u>
3- <u>DTS/SLS</u>	8- <u>SJ</u>
4- <u>VLD</u>	9- <u>FILE</u>
5- <u>RIF</u>	

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

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

The operator of the well(s) listed below has changed, effective: 1-8-97

TO: (new operator)	<u>BROADHEAD, WALTER</u>	FROM: (old operator)	<u>BROADHEAD, WALTER</u>
(address)	<u>C/O ACJJJS SERVICE CO/JOHN KUBICK</u>	(address)	<u>1645 N 7TH ST</u>
	<u>2944 I-70 BUSINESS LOOP #204</u>		<u>GRAND JUNCTION CO 81501</u>
	<u>GRAND JUNCTION CO 81504</u>		
Phone:	<u>(970)241-2917</u>	Phone:	<u>(303)242-7717</u>
Account no.	<u>N1130</u>	Account no.	<u>N1130</u>

WELL(S) attach additional page if needed:

Name: **SEE ATTACHED**	API: <u>019-31113</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- Yec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 1-10-97)*
- Yec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 1-10-97)*
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) ____ If yes, show company file number: _____
- * 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below. *(See comments)*
- Yec 5. Changes have been entered in the **Oil and Gas Information System (3270)** for each well listed above. *(1-17-97)*
- N/A 6. **Cardex** file has been updated for each well listed above.
- N/A 7. Well **file labels** have been updated for each well listed above.
- Yec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(1-17-97)*
- Yec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

BOND VERIFICATION - (FEE WELLS ONLY) *Not an operator change / Agent designation only!

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

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

Not an operator change

- 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 1/17/97 19 __, of their responsibility to notify all interest owners of this change.

FILMING

- 1. All attachments to this form have been microfilmed. Today's date: 1-30-97

FILING

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

COMMENTS

970116 Blm/moab received doc. "Working Agreement" submitted by AC9999 Service Co / Walter Broadhead. (attached)
 No official approval will be given by them, however they will acknowledge John Kubick / AC9999 Service Co. as being Walter Broadhead's "Agent".
 Operatorship & bond coverage "Walter Broadhead".

MEMO TO FILE

December 15, 2003

To: Well File:
Keas Federal 8
API 43-019-31113
5-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.