

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE X WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/abd. _____

App. Reseinded

DATE FILED 6-15-83

LAND: FEE & PATENTED X STATE LEASE NO. _____ PUBLIC LEASE NO. _____ INDIAN _____

DRILLING APPROVED: 8-3-83 - GAS/OIL (Cause No. 102-16B)

SPUDED IN: _____

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED: LA 2.23.85

FIELD: Wildcat 3/86 Greater Cisco

UNIT: _____

COUNTY: Grand

WELL NO. Gibraltar #3 API #43-019-31088

LOCATION 1691' FNL FT. FROM (N) (S) LINE. 2425' FWL FT. FROM (E) (W) LINE. SENW 1/4 - 1/4 SEC. 24

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				<u>21S</u>	<u>23E</u>	<u>24</u>	<u>M. D. BROADHEAD</u>



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

June 21, 1983

(303) 743-1763

Mr. M. D. Broadhead
P. O. Box 773
Grand Junction, Colorado 81502

Dear Bud:

The attached APD for the Gibraltar #3 well at Section 24, Township 21S Range 23E, is being returned for additional attention. The items requiring attention are as follows:

REC 7-26

1. There is no authorizing signature on the APD.
2. There appears to be no Exhibit "F" certifying exact location of other wells within a 1320 ft. radius. TOO CLOSE TO AUDREY #1 (CALTAH OIL CO)
3. Cause No. 102-16B requires that a lease plat (map) be submitted with applications for permit to drill at the location in question.

REC'd 7-22

4. SB157, which became law May 10, 1983, requires that a copy of the Utah Division of Water Rights (801-533-6071) approval for the use or purchase of water for use at the drilling site be submitted with each application for permit to drill.

REC'd 7-22

5. Our records show you are not bonded to drill the well in question, and if our records are correct, it will be necessary for you to post a \$5000 drilling and plugging bond.

Please contact me if I can be of assistance as you give attention to these items.

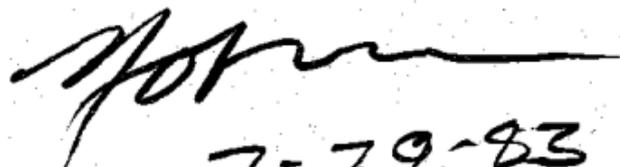
Respectfully,

Norman C. Stout
Administrative Assistant

NCS/as
Encl.

NOTE:

JEAN DOUTRE IS GOING TO MAKE
A FIELD INSPECTION TO LOCATE THE
AUDREY #1. IF IT CANNOT BE
LOCATED, PROCESS THIS APP UPON
RECEIPT OF LEASE MAP.


7-29-83

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

SUBMIT (One Duplicate*)
Copies on (side)

6

5. Lease Designation and Serial No

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. If Indian, Allottee or Tribe Name

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

7. Unit Agreement Name

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

8. Farm or Lease Name

Farm

2. Name of Operator

M. D. Broadhead

9. Well No.

Gibraltar #3

3. Address of Operator

P.O. Box 733 Grand Junction, Co., 81502

10. Field and Pool, or Wildcat
wildcat.

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface

located South 1691 feet FNL & East 2425 feet
FWL of S24, T21S, R23E SLB & M

11. Sec., T., R., M., or Bk. and Survey or Area

S24 T21S R23E

14. Distance in miles and direction from nearest town or post office*

In the Town of Cisco, Utah

12. County or Parish 13. State

Grand County, Utah

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

500'

16. No. of acres in lease

80

17. No. of acres assigned to this well

40

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

19. Proposed depth

1300'

20. Rotary or cable tools

rotary

21. Elevations (Show whether DF, RT, GR, etc.)

4377

22. Approx. date work will start*

June 15, 1983

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casine	Weight per Foot	Setting Depth	Quantity of Cement
8 5/8	7"	17 lb.	100'	Circulate cement to surf
6 1/4	4 1/2"	9 1/2	TD	100 Sx cement

Exhibits Attached:

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

RECEIVED JUN 15 1983

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.

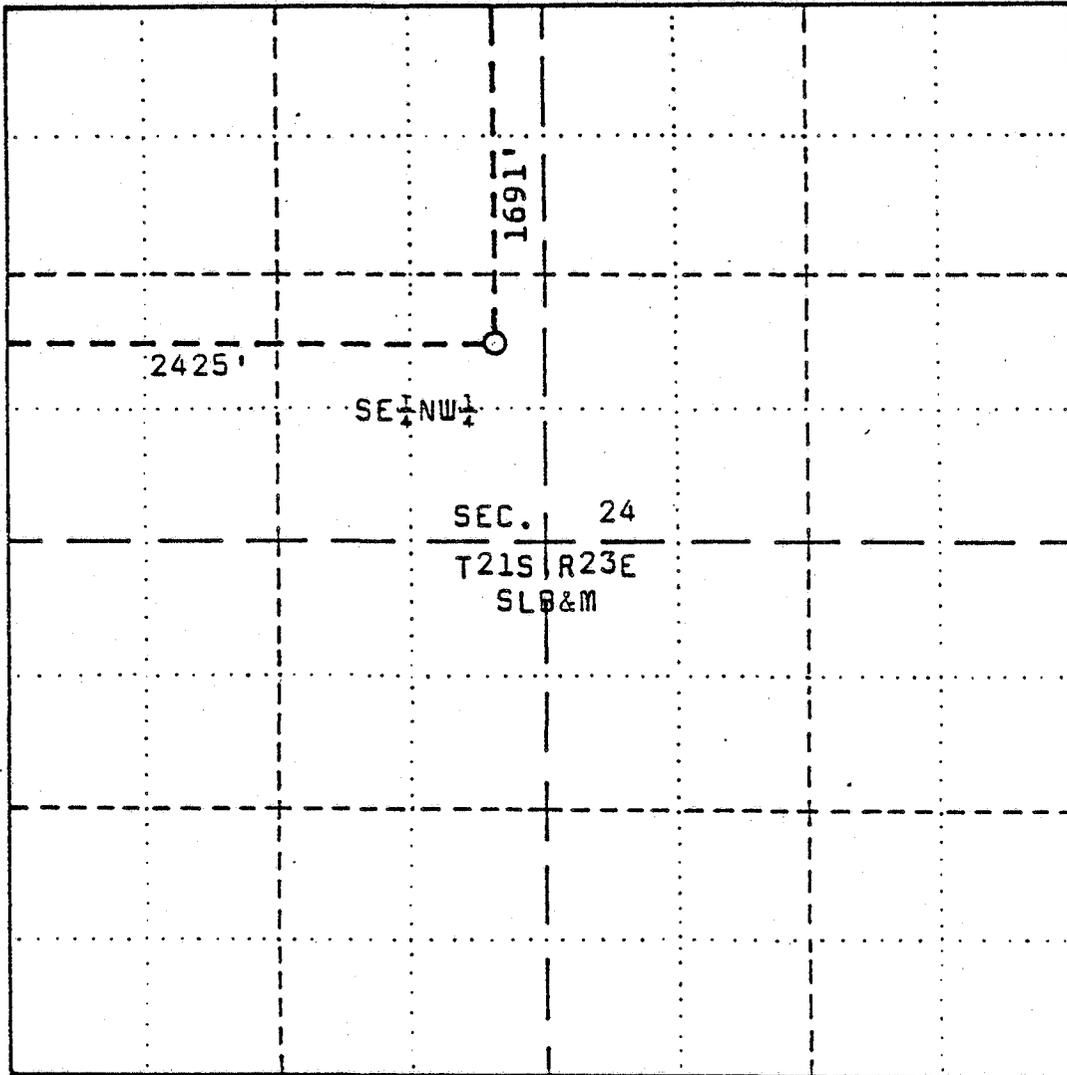
Signed..... Title..... Operator..... Date.....

(This space for Federal or State office use)

Permit No..... Approval.....

Approved by..... Title.....
Conditions of approval, if any:

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 6/3/83
BY: [Signature]
Original Signed by [Signature]



SCALE: 1" = 1000'

GIBRALTER #3

Located South 1691 feet from the North boundary and East 2425 feet from the West boundary of Section 24, T21S, R23E, SLB&M.

Elev. 4369

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

GIBRALTER #3
SE 1/4 NW 1/4 SECTION 24
T21S, R23E, SLB&M

SURVEYED BY: USW DATE: 5/20/83
DRAWN BY: USW DATE: 5/20/83

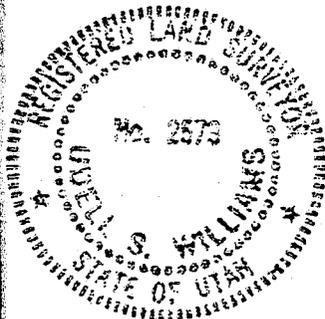


EXHIBIT "B"

TEN-POINT COMPLIANCE PROGRAM OF NTL-6

APPROVAL OF OPERATIONS

M. D. Broadhead
Gibraltar #3
S30 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>
Salt wash	1300'

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

<u>Formation</u>	<u>Depth</u>	<u>Fluids</u>
Salt Wash	1300	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" hole to 1300 and set 4 1/2" 9.5-lb. with 70-sx cement (50% excess).

5. Operator's Minimum Specifications for Pressure Control

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

6. Type of Characteristics of Proposed Muds

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

7. Auxiliary Equipment to be Used

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

8. The Testing, Logging and Coring Programs

- (a) Drill stem tests are not planned at this time.
- (b) The logging program will consist of Induction Electric & Compensated Nuclear Density.
- (c) No coring is planned.
- (d) Drilling samples will be caught at 30' intervals BSC to 1000; from 1200 to TD samples at 5' intervals.

9. Any Anticipated Abnormal Pressures or Temperatures Expected

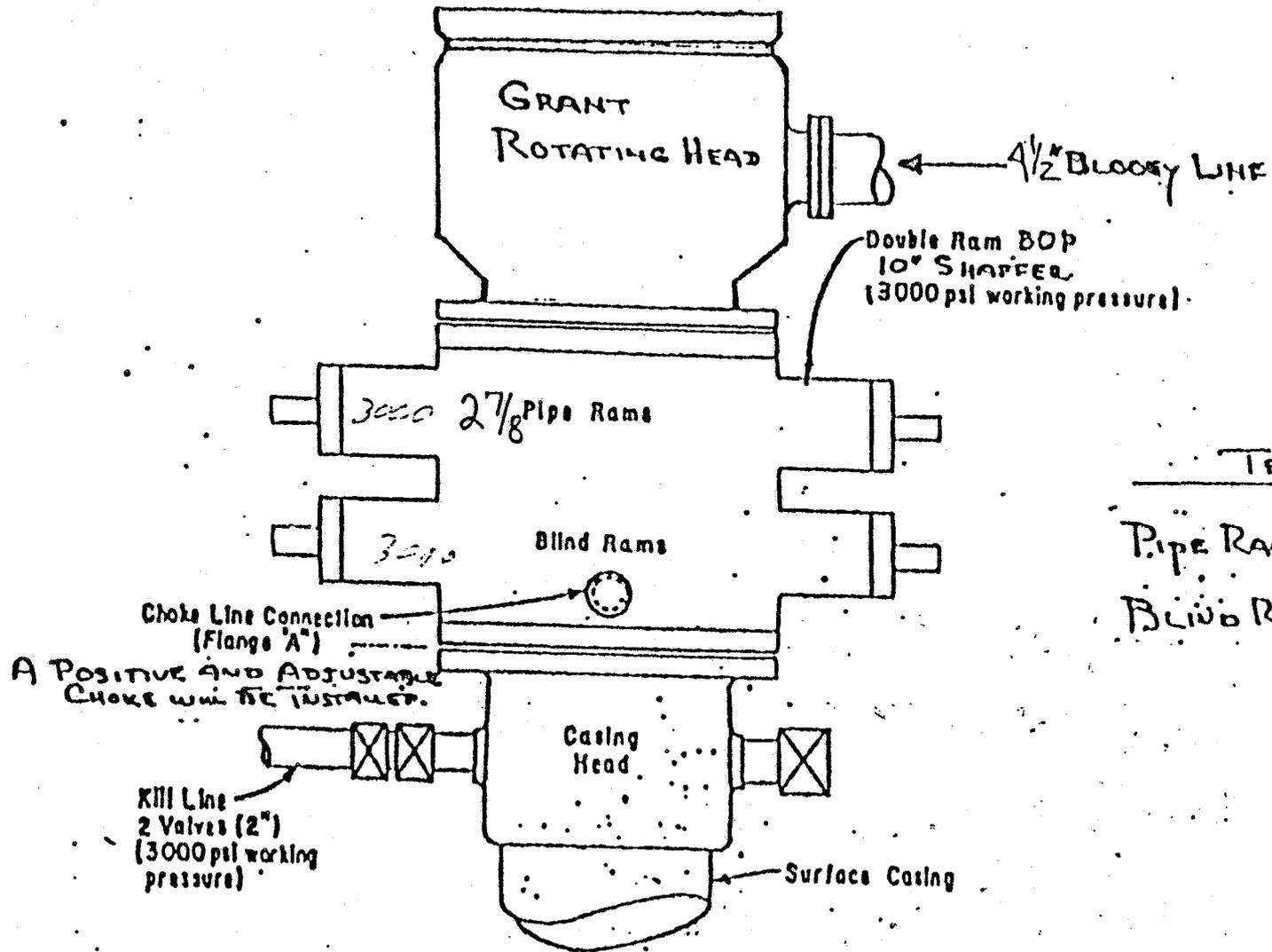
No abnormal gas pressures or temperatures are expected. No hydrogen sulfide or other hazardous gasses or fluids have been reported in the area.

10. Anticipated Starting Date and Duration of Operations

The anticipated starting date is June 15th 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 4 miles northeasterly from Cisco, Utah. Turn left on an existing dirt road and travel approximately 1/8 th of a mile and there you will see the site.
- 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 fall of 1983 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, "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

M. D..Broadhead
P.O. Box 733
Grand Junction, Co. 81502
Telephone (303) 243-1763

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.

Date

Name and Title

4162 III SE
(DANISH FLAT 1:24 000)

GRAND JUNCTION

12 630 000 FEET R 24 E

109° 15'

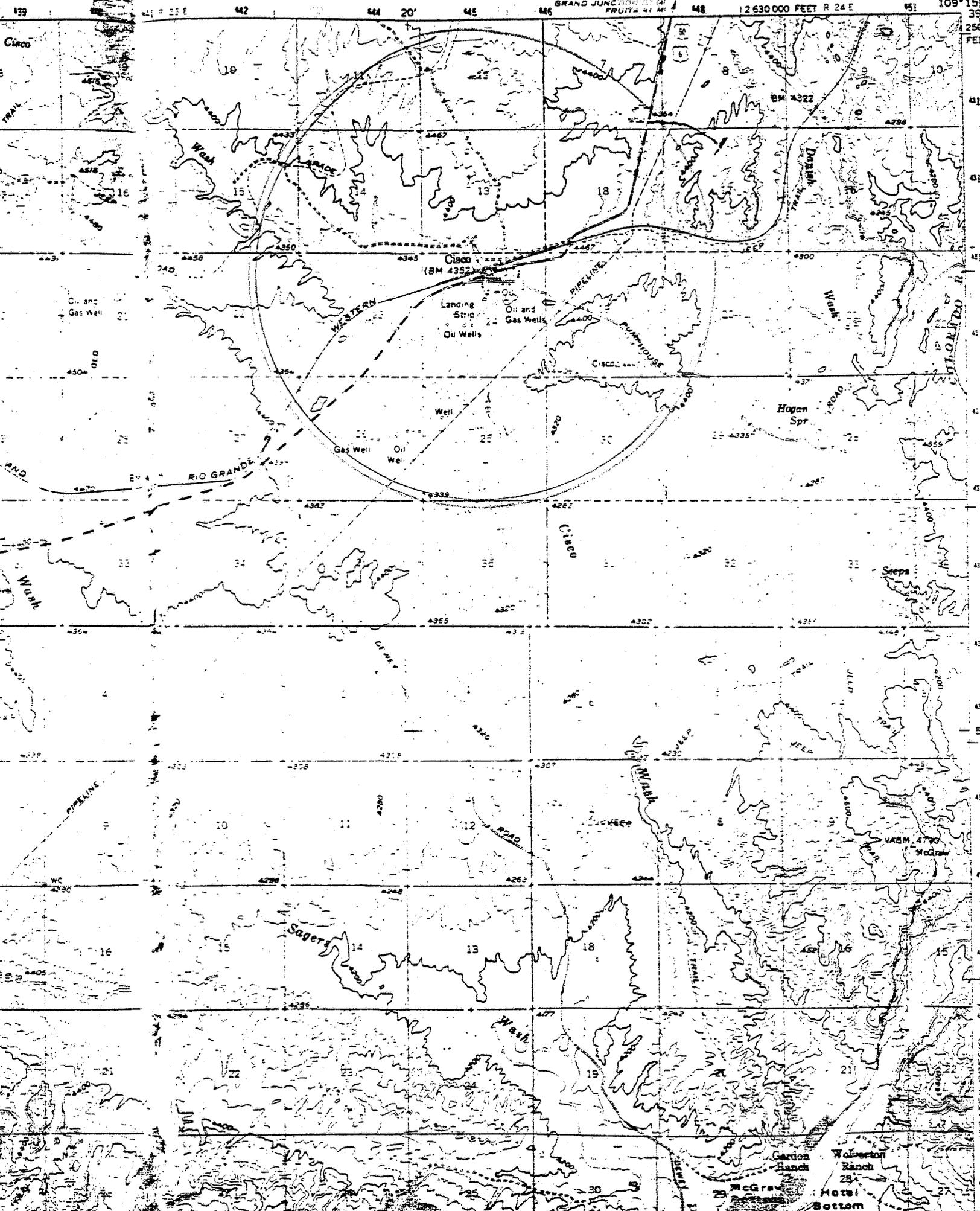


Exhibit "G"
Drill Pad Layout
Gibraltar #2
Grand County, Utah

TOPSOIL

STOCKPILE

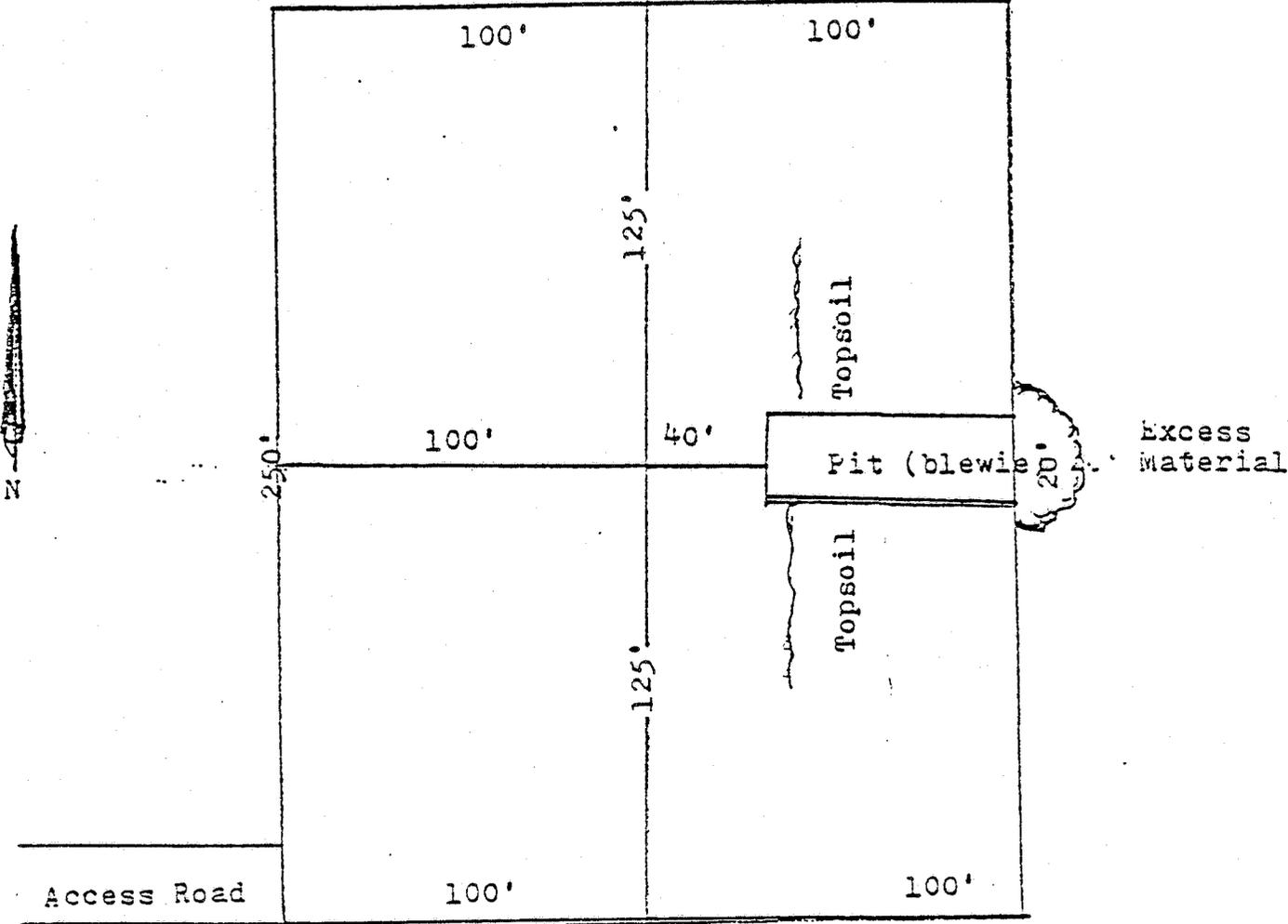


Exhibit "H"
Drill Rig Layout

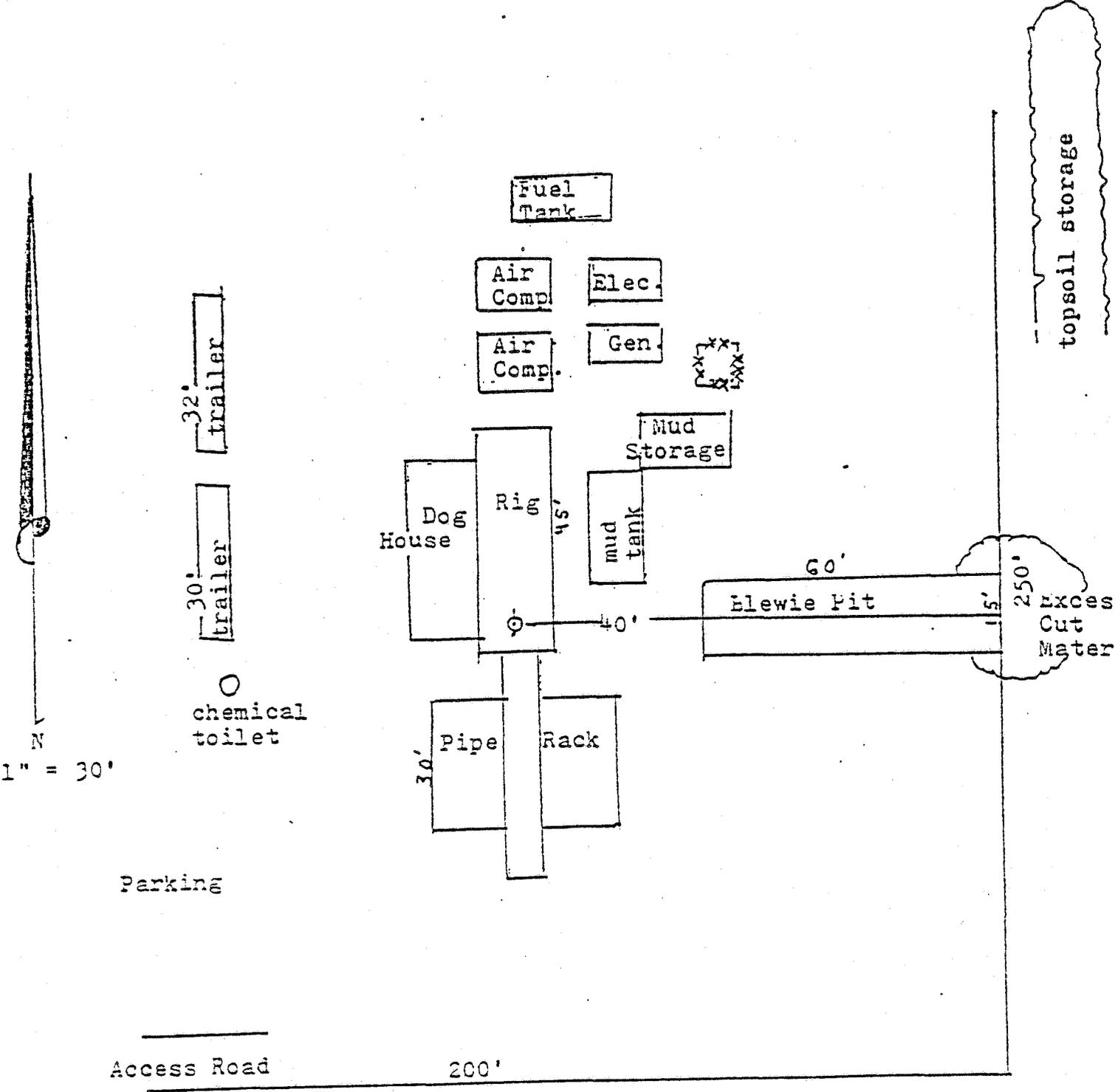
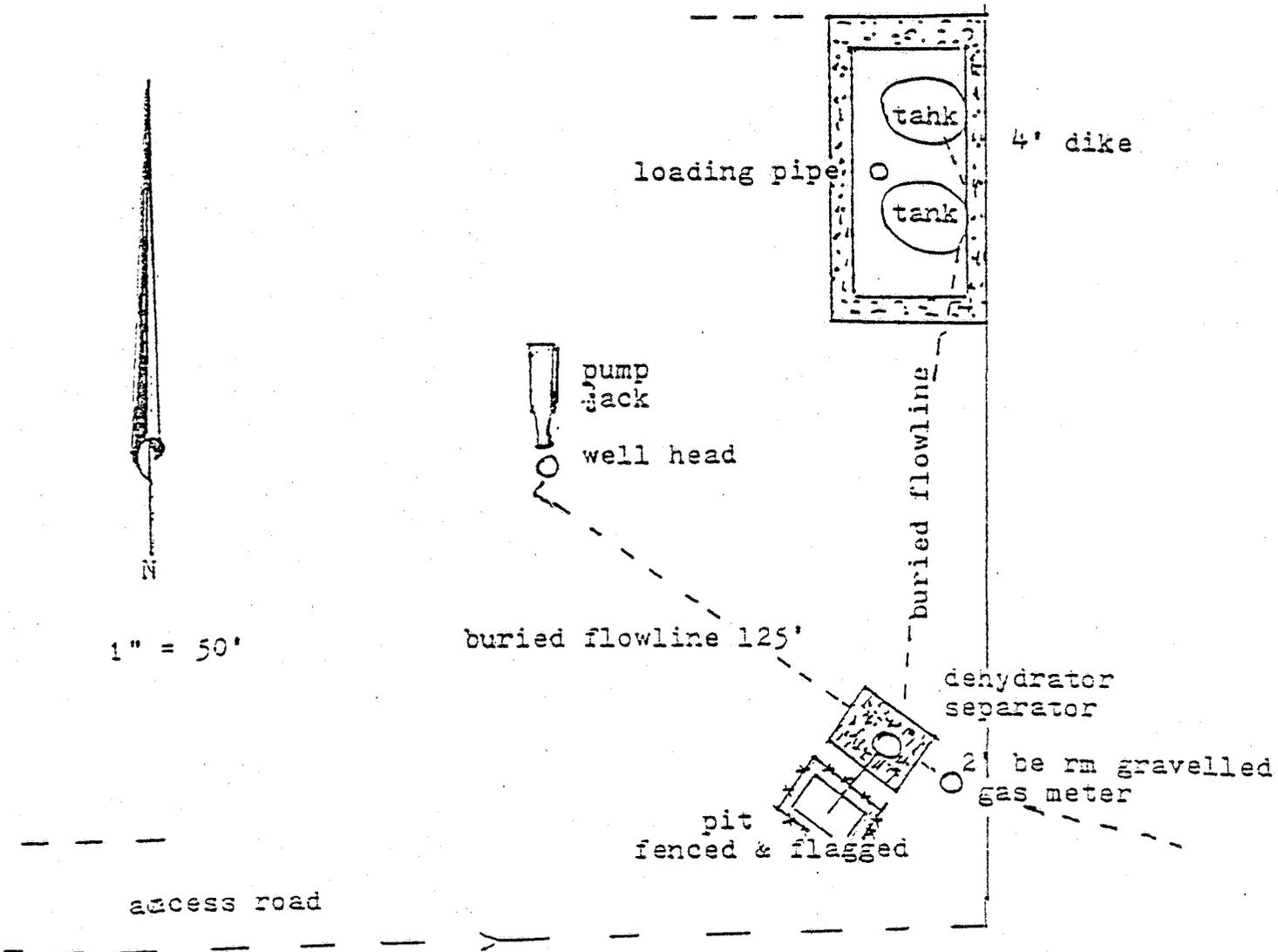


Exhibit "I"
Production facilities



DALGARNO Transportation Inc.,
P.O. Box 3071
Grand Jct., Co..81501
Phone (303) 242-2669

This company has agreed to furnish water for Gibraltar #3
We plan to drill this well with air

Sincerely,

M. D. Broadhead

RECEIVED

JUL 22 1993

DIVISION OF
OIL, GAS & MINING

OPERATOR M. D. Broadhead DATE 8-2-83

WELL NAME Gibraltar #3

SEC SE 1/4 24 T 21S R 23E COUNTY Grand

43-019-31088
API NUMBER

Fee
TYPE OF LEASE

POSTING CHECK OFF:

INDEX MAP HL

NID PI

PROCESSING COMMENTS:

Water R.

CHIEF PETROLEUM ENGINEER REVIEW:

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:

Return APD

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

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING *NEEDS A BOND ✓*

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC. *GREATER CISCO AREA*

APPLY SPACING CONSIDERATION *NEEDS LEASE PLAT*

ORDER *102-1613*
102-47 THIS WAS FOR CONDUCTOR #1

UNIT _____

c-3-b *audrey #1 is 216W and too close. Needs exception show cross*

c-3-c *old well records don't provide footage locations, and distance cannot be checked without a survey of all wells in sec 24*

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.

An exception location hearing will be necessary, unless the audrey #1 problem is resolved.

August 3, 1983

M. D. Broadhead
P O. Box 733
Grand Junction, Colorado 81502

WE: Well No. Gibraltar #3
SENE Sec. 24, T.21S, R.23E
1691' FNL, 2425' FWL
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to gas/oil well is hereby granted in accordance with the Order issued in Cause No. 102-16B dated November 15, 1979.

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 43-019-31088.

Sincerely,



R. J. Firth
Chief Petroleum Engineer

RJF/as
Encl.



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

January 23, 1985

Mr. M.D. Broadhead
P.O. Box 733
Grand Junction, Colorado 81502

Gentlemen:

Re: Well No. Gibraltar #3 - Sec. 24, T. 21S. R. 23E.
Grand County, Utah - API #43-019-31088

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded, without prejudice, effective one calendar month from the date of this notice

A new "Application for Permit to Drill" must be filed with this office for approval, prior to future drilling of the subject location.

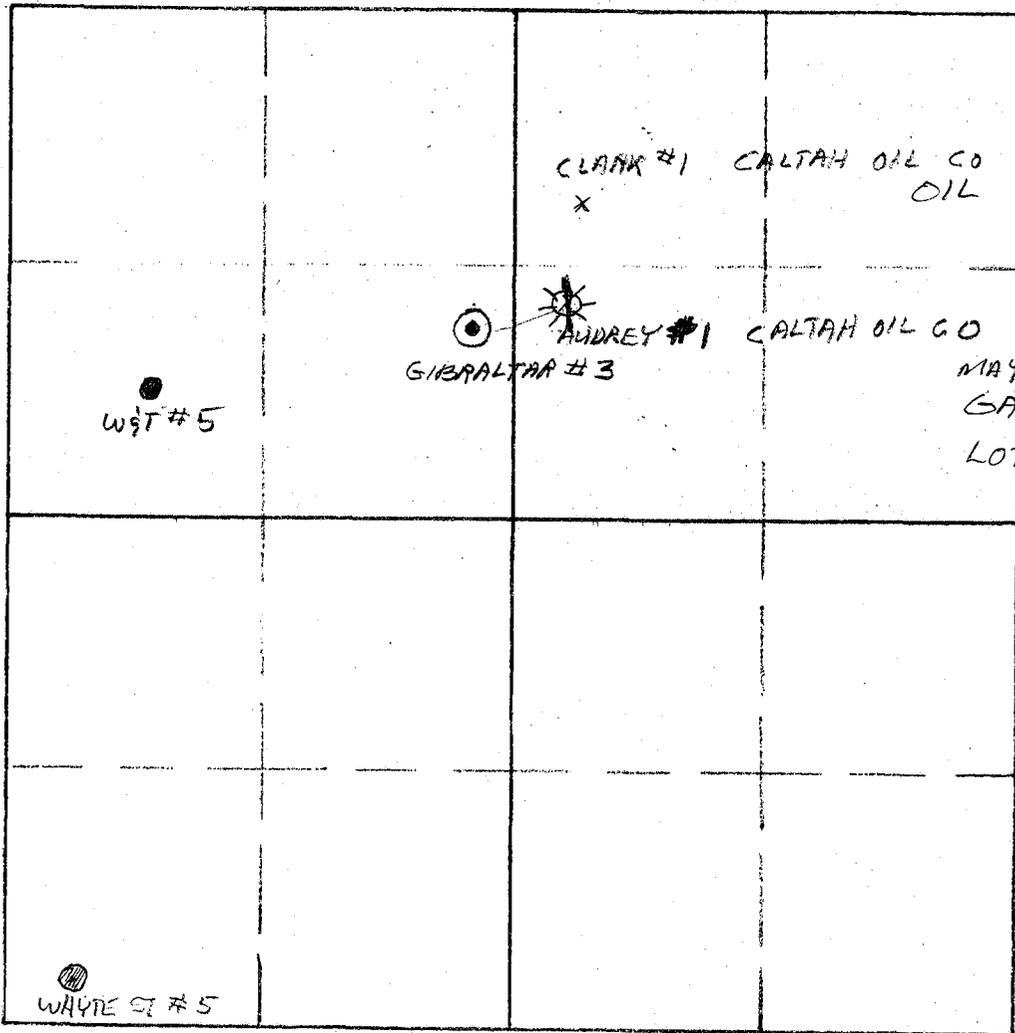
Sincerely,


John R. Baza
Petroleum Engineer

cc: Dianne R. Nielson
Ronald J. Firth
File
0045S/13

MD BROADHEAD

GIBRALTAR #3



SCALE 1:1000

SECTION 24
TOWNSHIP 215
RANGE 23E
COUNTY GAANA

Gibraltar #3

Becker Ins. > #19-01-30-1157-83-8

Bonding Co. >

(303) 242-6136