

**BOWERS OIL & GAS EXPLORATION INC.**

P.O. Box 636  
GRAND JUNCTION, CO. 81502  
BUS: 303-245-1342  
RES: 303-242-0311

August 28, 1980

U.S.G.S.  
8440 Federal Building  
125 S. State Street  
Salt Lake City, UT 84138

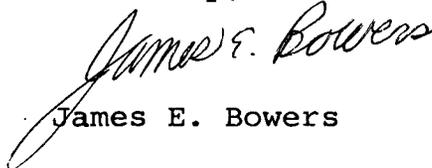
RE: APD for Bowers Fed. Well #2-25, NE $\frac{1}{4}$ ,  
Sec. 25, T19S, R23E, Grand County, Utah

Gentlemen:

Enclosed in triplicate is an APD for the above captioned well. As this location has no peculiarities, it is requested the onsite inspection be waived.

Please try to expedite the APD process for this well as this lease is due to expire in March, 1981. If this well is unsuccessful in holding the lease, we hope to drill another before the lease expires.

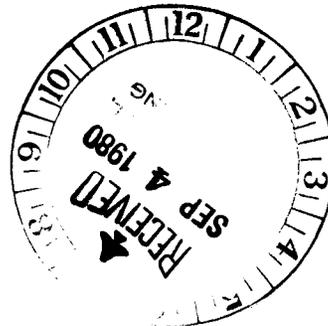
Sincerely,

  
James E. Bowers

JEB:lam

Enc:

cc: Utah Oil & Gas Commission



**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  
 Bowers Oil & Gas Exploration, Inc.

3. ADDRESS OF OPERATOR  
 P.O. Box 636, Grand Junction, CO 81502

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 3760 ft. FSL, 3760 ft. FWL  
 At proposed prod. zone same as at surface  
SW NE

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

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) (lease line)  
 1120 ft.

16. NO. OF ACRES IN LEASE  
 2240

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 160

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 Approx. 6040 ft.

19. PROPOSED DEPTH  
 2900 ft.

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4764 GR

22. APPROX. DATE WORK WILL START\*  
 1, Oct. 1980

5. LEASE DESIGNATION AND SERIAL NO.  
 14267

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 n/a

7. UNIT AGREEMENT NAME  
 n/a

8. FARM OR LEASE NAME  
 n/a

9. WELL NO.  
 Bower Fed. Well #2-25

10. FIELD AND POOL, OR WILDCAT  
 Greater Cisco Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 25, T19S, R23E, SLB & M

12. COUNTY OR PARISH      13. STATE  
 Grand      Utah

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	20#	200 ft.	Circulate to surface
-3/4" to top of Dak.	4-1/2"	9.5# or 10.5#	2900 ft.	140 SK. RFC
-1/4" Dak top to TD				

See Attachments

**APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING**  
 DATE: 4/5/80  
 BY: ds feight

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.

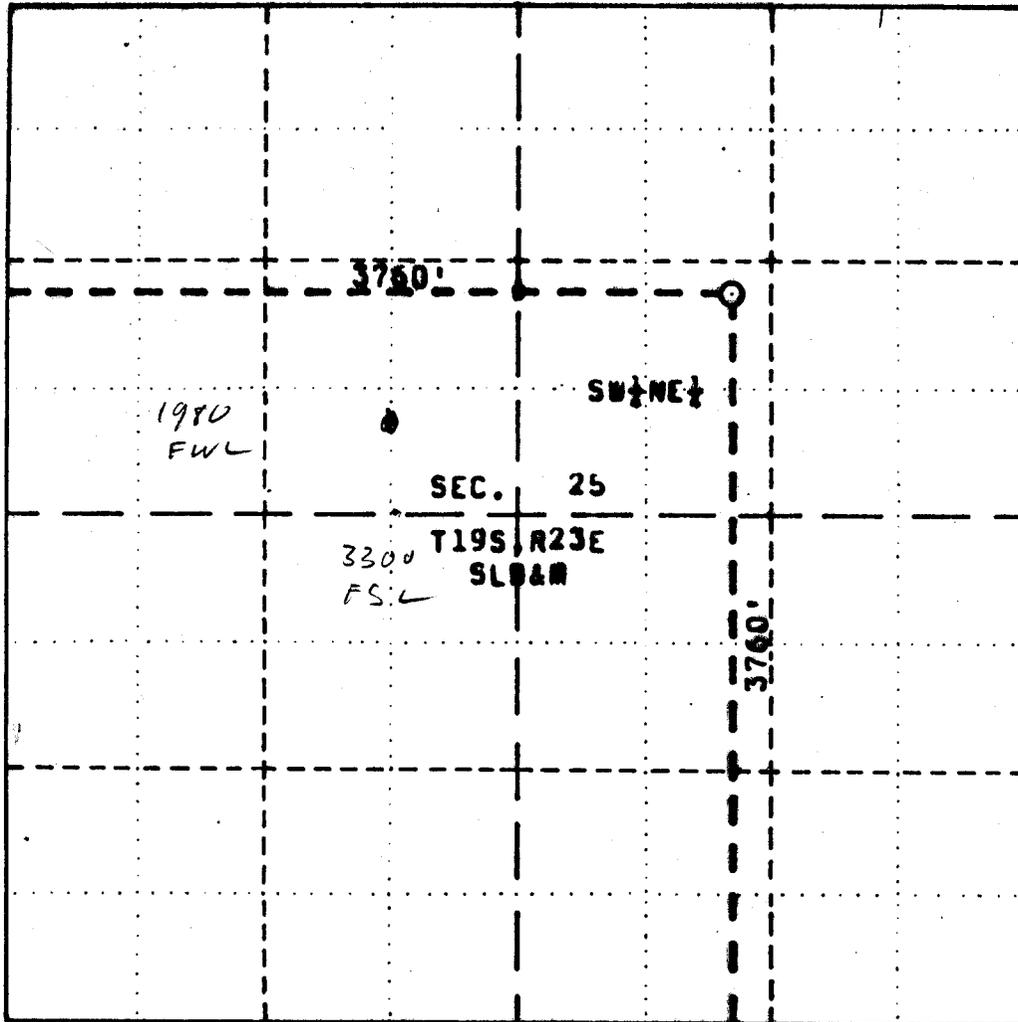
24. SIGNED James E. Bowers TITLE President DATE 8/28/80

(This space for Federal or State office use)

PERMIT NO. 43-019-30685 APPROVAL DATE 9/5/80

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

CONDITIONS OF APPROVAL, IF ANY:



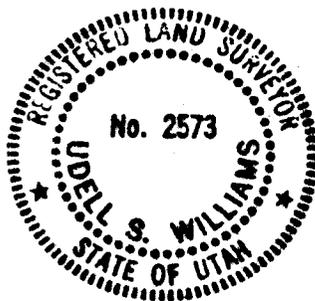
SCALE: 1" = 1000'

**BOWERS FEDERAL 2-25**

Located North 3760 feet from the South boundary and East 3760 feet from the West boundary of Section 25, T19S, R23E, SLB&M.

Elev. 4764

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

PLAY OF  
PROPOSED LOCATION

**BOWERS FEDERAL 2-25  
SW $\frac{1}{4}$ NE $\frac{1}{4}$  SECTION 25  
T19S, R23E, SLB&M**

DRAWN BY: **USW** DATE: **6/6/80**  
SURVEYED BY: **USW** DATE: **6/6/80**

**BOWERS OIL & GAS EXPLORATION INC.**

P.O. Box 636  
GRAND JUNCTION, CO. 81502  
BUS: 303-248-1342  
RES: 303-242-0311

SURFACE USE PLAN (NTL-6)

1. Existing Roads - (see attached map).

a. Proposed well site is marked. 200 ft., north, south directioned reference stakes have been laid.

b. Route and distance from nearest town or locatable reference point to where well access route leaves main road -

From Grand Junction, CO. you take I-70 west until you come to the east Cisco exit (a distance of approximately 50 miles). You turn right off of the exit and proceed in a northerly direction for approximately 45 miles. This distance will have brought you to a jeep trail. You go straight north on this trail for approximately 1.3 miles at which point our access road begins.

c. Access road to location color - coded or labeled -

Access road is labeled (see attached map).

d. If exploratory well, all existing road within 3-mile radius

N/A

e. If development well, all existing roads within a 1-mile radius of well site (including type of surface, conditions, etc.)

There are three roads within this one mile radius. One is a jeep trail which is located approximately a  $\frac{1}{4}$  mile west of the well location. This trail runs in a north/south direction (see map). The second is also a jeep trail that runs through Sections 36 and 25 and then splits to the west from the first road about one mile west where it intersects with an unimproved dirt road (the 3rd road within a 1 mile radius of the well site). See the attached diagram. This 3rd road runs in an east/west direction and ends in the NE $\frac{1}{4}$  Sec. 26.

f. Plans for improvement and/or maintenance of existing roads -

Two draws on the jeep trail will be smoothed. Both are very minor.

2. Planned Access Roads

Enclosed is a map showing the one access road which needs to be constructed. No access road needs to be reconstructed.

(1) Width - The road will be 15-18 ft. wide.

(2) Maximum Grade - The maximum grade will be 3%.

Planned Access Roads (cont.)

- (3) Turnouts - No turnouts will be needed.
- (4) Drainage design - None needed.
- (5) Location and size of culverts and brief description of any major cuts and fills - No culverts are needed. No major cuts or fills are needed
- (6) Surfacing material - No foreign material will be put on the access road. The native soil will provide an adequate surface.
- (7) Necessary gates, cattleguards, or fence cuts - No gates nor cattleguards will need to be built. No fences will need to be cut.
- (8) The access road is center-line flagged.

3. Location of Existing Wells

The following is a list of various types of wells located within a one-mile radius of the location: (also, see attached map)

- (1) Water wells - There are no water wells within the one-mile radius.
- (2) Abandoned wells - NE $\frac{1}{4}$ , Sec. 24, T19S, R23E

(3) Temporarily abandoned wells - There are no temporarily abandoned wells within a one-mile radius.

(4) Disposal Wells - There are no disposal wells within a one-mile radius.

(5) Drilling Wells - There are no drilling wells within a one-mile radius.

(6) Producing Wells - There are no producing wells within a one-mile radius.

(7) Shut-in Wells - There are no shut-in wells within a one-mile radius.

(8) Injection Wells - There are no injection wells within a one-mile radius.

(9) Monitoring or observation wells for other resource - There are no monitoring or observation wells for other resources within a one-mile radius.

4. Location of Existing and/or Proposed Facilities-

A. Within a one-mile radius of location show the following existing facilities owned or controlled by operator/lessee.

(1) Tank batteries - None owned or controlled by operator/lessee.

(2) Production facilities - None owned or controlled by operator/lessee.

(3) Oil gathering lines - none owned or controlled by operator/lessee.

- (4) Gas gathering lines - None owned or controlled by operator/lessee.
- (5) Injection lines - None owned or controlled by operator/lessee.
- (6) Disposal lines - None owned or controlled by operator/lessee.

(Indicate if any of the above lines are buried) - N/A

B. If new facilities are contemplated, in the event of production, show:

- (1) Proposed location and attendant lines by flagging if off of well pad - Flagged stakes from the well location to N.W. Pipeline Co.'s feeder line has been set. This route would be the proposed gas pipeline route if commercial natural gas is found.
- (2) Dimensions of facilities - A gas-meter housing facility would be no more than 50' x 50'. Its purpose would be for measuring the volume of gas produced. A 4½" pipeline (surface) would run from this meter station to N.W. Pipeline's gathering system on the route described in B.1. above. Approx. five feet on either side of the pipeline route would be needed for installation.
- (3) Construction methods and materials - The meter house would be a metal, pre-fabricated structure painted desert gold. Inside would be valves, fittings, meter runs, chart, etc. needed to measure the volume of gas. The pipeline would be 4½" O.D. pipe.
- (4) Protective measures and devices to protect livestock and wildlife - It is believed neither the wellhead, nor the meter house nor the pipeline would present a danger to wildlife.

(We do not anticipate encountering oil. If commercial oil is found, however, we will present a proposed oil production facility by use of a sundry notice.)

C. Plan for rehabilitation of disturbed areas no longer needed for operations after construction completed - We plan to contour all of the topsoil back over the disturbed areas that is no longer needed after operations are ended. We will then reseed in a quantity, method and with the type of seen the BLM recommends.

5. Location and type of Water Supply

- A. Show location and type of water supply either on map or by written description - We will obtain fresh water from the Colorado River north of Cisco, Utah or from a drinking water tap in Fruita, CO. Fruita, CO. is located west of Grand Junction, as described above and also exits off I-70. Cisco, Utah can be reached by turning left off the east Cisco exit (as you travel west on I-70). Go approx. 3½ miles south on highway 50. The turnoff to the River is approx. ½ mile from Cisco. You turn left off of highway 50 on an unimproved dirt road and travel approximately 3 miles.
- B. State method of transporting water, and show any roads or pipelines needed - We will transport water by water truck. The roads needed are described in 5.A. No new roads will be constructed. No pipelines will be needed.
- C. If water well is to drilled, so state - No water well will be drilled.

6. Source of Construction Materials -

- A. Show information either on map or by written description -  
No entraneous material will be brought in. The native soil will be used as the pad base.
- B. Identify if from Federal or Indian land - N/A
- C. Describe where materials, such as sand, gravel, stone and soil material, are to be obtained and used - As explained in 6.A. the native soil will be used as the pad base. We will not use other materials such as sand, gravel or stone.
- D. Show any needed access roads crossing Federal or Indian lands under item 2 - The only access road will be the one described in (2). It will cross Federal land. (See attached map.)

7. Methods for Handling Waste Disposal -

(Describe methods and location of proposed containment and disposal of waste material, including):

- (1) Cuttings - We will blow the cuttings into a reserve pit (the pit is shown on the attached diagram.)
- (2) Drilling fluids - The drilling fluids will be contained in two large steel tanks. The fluids will be disposed into the reserve pit when drilling operations are over.
- (3) Produced fluids - (oil, water) - Produced water will be run into the reserve pit. Oil will also be disposed into the reserve pit unless a large enough amount is produced. If a large amount is produced we will contain it in steel tanks.
- (4) Sewage - Will be disposed of by use of toilet facilities in a mobile home or use of facilities in Cisco, Utah.
- (5) Garbage or other waste material - Will be contained in plastic bags and taken from site when operations end or burned/buried in a trash/burn pit which will be fenced with small mesh wire.
- (6) Statement regarding proper cleanup of well site area when rig moves out.  
We will completely clean-up site within two (2) days after rig moves out.

8. Ancillary Facilities - No camps or airstrips will be needed.

9. Well Site Layout - (See attached plot). Pits will be unlined.

10. Plans for Restoration of Surface -

- (1) Backfilling, leveling, contouring, and waste disposal; segregation of spoils materials as needed - All pits will be backfilled. We will contour the topsoil, no longer needed, over that portion of the pad which is no longer needed. The fluids contained in the reserve pit will be buried as will the trash in the trash/burn pit. Appreciable amounts of waste or produced fluids will be hauled from the site rather than buried. *Produced oil will be pumped from pit and removed prior to backfilling pit.*
- (2) Revegetation and rehabilitation - We will reseed all disturbed areas, including the access road, in a manner and with the type and quantity

— E WERS OIL & GAS EXPLORATION INC.

P.O. BOX 638

GRAND JUNCTION, CO 81501

BUS: 303-243-1342

RES: 303-242-6311

NTL-6

1. Geologic name of surface formation - mancos shale.
2. Estimated tops of important geologic markers -
  - a. Dakota - 2350 ft.
  - b. Morrison- 2550 ft.
  - c. Morrison (salt wash member) 2750 ft.
3. The estimated depths at which anticipated water, oil, gas or other mineral - bearing formations are expected to be encountered -
  - a. Dakota, 2350 ft., gas or water is expected.
  - b. Cedar Mountain, 2450 ft., gas is expected.
  - c. Morrison (salt wash member), 2750 ft., gas or water is expected.
4. The proposed casing program, including the size, grade, and weight/ft. of each string and whether new or used.
  - a. The surface pipe will be new and graded H-40.  
Other information regarding this pipe is listed in #23, first page of APD.
  - b. The production pipe if needed, will be new and graded H-40 or J-55.  
Other information regarding this pipe is also listed in #23, first page of APD.
5. The operator's minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings, and the testing procedures and testing frequency -
  - a. A Schaeffer blowout prevents w/Grants rotating head will be used.  
This BOP is rated to 3,000 psi.
  - b. See attached schematic diagram.
  - c. Unit will be tested to 1000 psi. prior to drilling out from under surface pipe by pressuring-up air-compressors. Daily testing will be performed thereafter.
6. The type and characteristics of the proposed circulating medium or mediums to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained.
  - a. We propose to drill with air as far as possible. If water is encountered we will continue with air/mist. If excessive gas is encountered we will mud-up with high yield gel and drispack system circulated with 4% KCl. At TD we will mud-up with the same system even if excessive gas is not encountered. The mud weight will be between 8.5 lbs/ft. and 9.0 lbs./ft. If a heavier mud is needed we will add CaCl as needed.

7. Auxiliary equipment to be used.

- a. Kelly cocks.
- b. Floats at the bit.
- c. Visual monitoring of the mud system (when used).
- d. A sub on the rig floor with full opening valve to be stabbed into drill pipe when kelly is out of string.

8. The testing, logging, and coring programs to be followed with provision made for required flexibility:

- a. No coring programs are anticipated.
- b. Visual examination of cuttings will be made.
- c. Logging will consist of dual induction-laterlog, and compensated neutron/formation density.
- d. Possibly, a DST will be run if there is a doubt as to a zone's potential.

9. Any anticipated abnormal pressures or temperatures expected to be encountered or potential hazards such as hydrogen sulfidgas, along with plans for mitigating such hazards -

None expected.

10. The anticipated starting date and duration of the operation -

We plan to start Oct. 1, 1980. Operation should take seven (7) days.

14

13

18

4918 Spring

Canyon

23

19

Anschutz 266 #1

ACCESS ROAD

BOWERS  
FED. WELL  
#9-25

26

25

30

25

30

FED. WELL #35

DANISH WASH  
GAS AND OIL FIELD

GRASSLES #3-35

JEEP TRAIL

*Handwritten notes:*  
Bowers  
had well

ROUTE TO LOCATION

At this point all sinks to I-70.



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

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator/Project Name Bowers Federal #2-25

Project Type Development Gas Test

Project Location 3760' FSL, 3760' FWL, Sec. 25, T19S, R23E, Grand Co., Utah

Date Project Submitted September 8, 1980

FIELD INSPECTION Date October 7, 1980

Field Inspection  
Participants

<u>Jim Bowers</u>	<u>Operator</u>
<u>Elmer Duncan</u>	<u>Bureau of Land Management</u>
<u>Glenn Doyle</u>	<u>U. S. Geological Survey</u>
<u>Typing In &amp; Out: 10/28</u>	

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

October 28, 1980  
Date Prepared

Glenn M. Doyle  
Environmental Scientist

I concur

10/31/80  
Date

E. Long  
District Supervisor

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

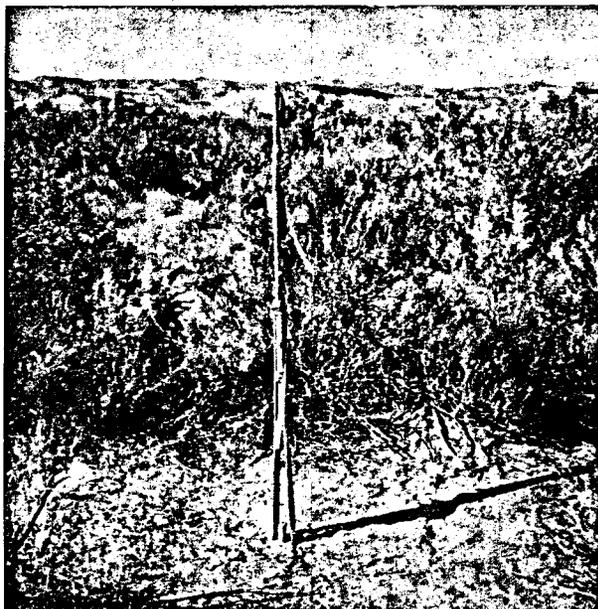
Criteria 516 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Correspondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety					1, 2			10/7/80	
2. Unique characteristics					1, 2				
3. Environmentally controversial					1, 2				
4. Uncertain and unknown risks						4			
5. Establishes precedents					1, 2				
6. Cumulatively significant					1, 2				
7. National Register historic places	1 - 10/24/80								
8. Endangered/threatened species	1 - 10/24/80								
9. Violate Federal, State, local, tribal law								✓	3

Site-specific stipulations attached.

COMMON REFERENCE LIST

NEPA Categorical Exclusion Review

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



8/80

*Bower Fed. #2-25 Sec. 25,  
T19S, R23E, Grand Co.,  
Utah*

Site-Specific Stipulations

1. Fence reserve pit on three sides prior to drilling and on the fourth side once the rig moves off.

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

*Slenn*

FROM : DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH  
 TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH  
 SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-14267

OPERATOR: BOWERS OIL & GAS Expl., Inc. WELL NO. # 2-25 BOWER FED

LOCATION: sec. 25, T. 19S., R. 23E., SLM  
GRAND County, UTAH

1. Stratigraphy: *Operator's stratigraphy seems reasonable.*

2. Fresh Water: *usable water may occur in the surface sands of the Mancos.*

3. Leasable Minerals:  
*Coal beds may be in the Dakota fm.*

4. Additional Logs Needed: *Run APD logs through the Dakota to identify any coal beds.*

5. Potential Geologic Hazards: *unknown.*

6. References and Remarks:

Signature: *E. Banish* Date: 9-19-80

10 OCT 1980

\*\* FILE NOTATIONS \*\*

DATE: Sept 4, 1980  
OPERATOR: Bonanza Oil & Gas Exploration, Inc.  
WELL NO: Bonanza Field # 2-25

Location: Sec. 25 T. 19S R. 23E County: Grant

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

API Number 43-019-30685

CHECKED BY:

Petroleum Engineer: \_\_\_\_\_

Director: OK as per order in Cause 102-16B

Administrative Aide: \_\_\_\_\_

APPROVAL LETTER:

Bond Required:  Survey Plat Required:

Order No. Cause 102-16B O.K. Rule C-3

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

#3

Lease Designation 300 Plotted on Map

Approval Letter Written

Hot Line  P.I.

September 10, 1980

Bowers Oil and Gas Exploration, Inc.  
PO BOX 636  
Grand Junction, Colorado 81502

Re: Well No. Bowers Federal #2-25  
Sec. 25, T. 19S, R. 23E.,  
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas 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:

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

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

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

The API number assigned to this well is 43-019-30685.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight  
Director

/btm

cc: UGSS

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  
Bowers Oil & Gas Exploration, Inc.

3. ADDRESS OF OPERATOR  
P.O. Box 636, Grand Junction, CO 81502

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
At surface: 3760 ft. FSL, 3760 ft. FWL  
At proposed prod. zone: same as at surface

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

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) (lease line)  
1120 ft.

16. NO. OF ACRES IN LEASE  
2240

17. NO. OF ACRES ASSIGNED TO THIS WELL  
160

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Approx. 6040 ft.

19. PROPOSED DEPTH  
2900 ft.

20. ROTARY OR CABLE TOOLS  
Rotary

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4764 GR

22. APPROX. DATE WORK WILL START\*  
1, Oct. 1980

PROPOSED CASING AND CEMENTING PROGRAM

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11"	8-5/8"	20#	200 ft.	Circulate to surface
-3/4" to top of Dak.	4-1/2"	9.5# or 10.5#	2900 ft.	140 SK. RFC
-1/4" Dak top to TD				

See Attachments

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



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 James E. Bowers TITLE President DATE 8/28/80

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
FOR E. W. GYNN DISTRICT ENGINEER  
APPROVED (Orig. Sig.) R. A. Henricks TITLE \_\_\_\_\_ DATE DEC 16 1980

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

\*See Instructions On Reverse Side

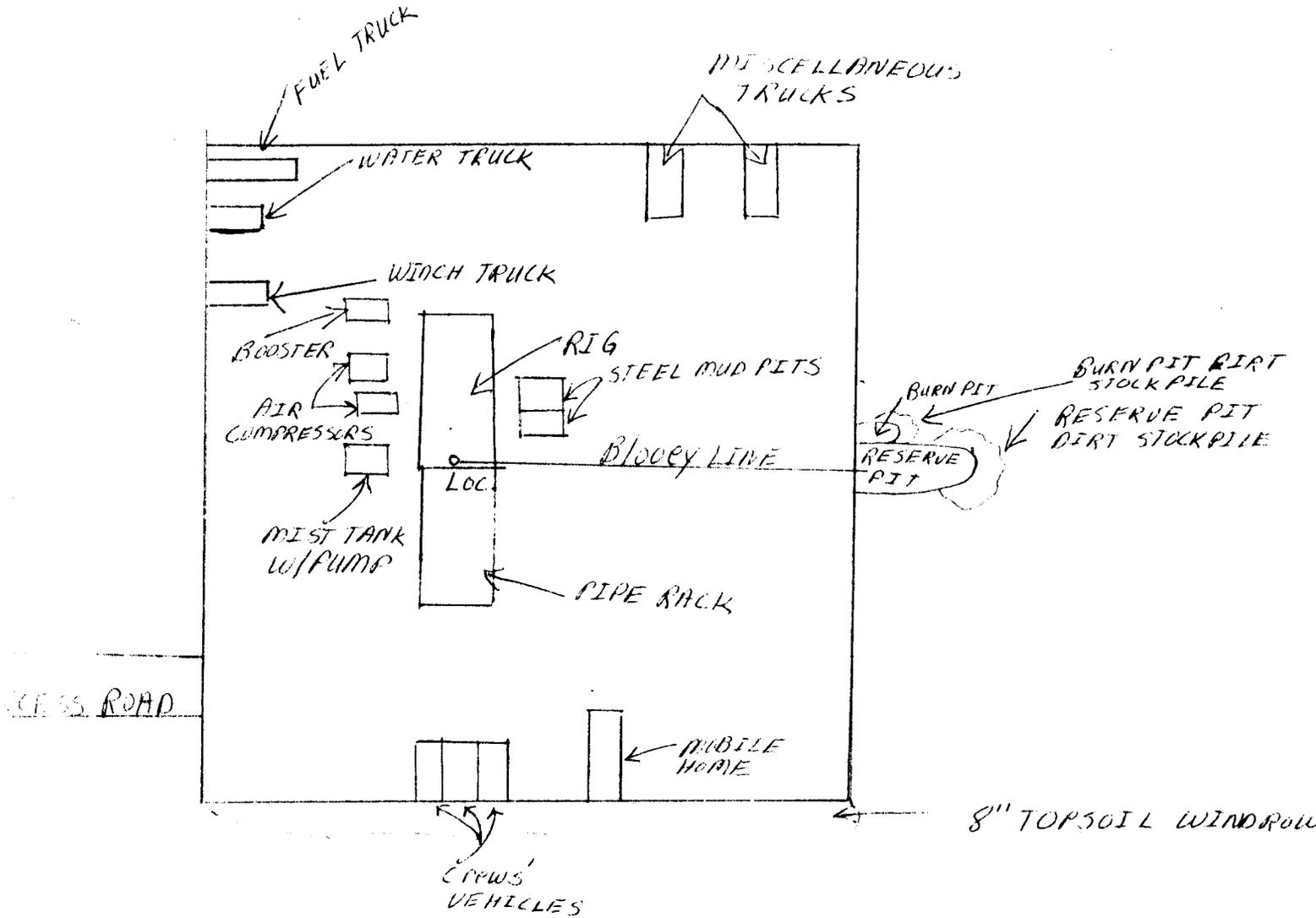
FLARING OR VENTING OR  
WAS IS SUBJECT TO NTL 4-A  
DATED 1/1/80

DUPLICATE

BOWERS OIL & GAS EXPLORATION INC.

P.O. BOX 636  
GRAND JUNCTION, CO. 81502  
BUS: 303-248-1342  
RES: 303-242-6311

N

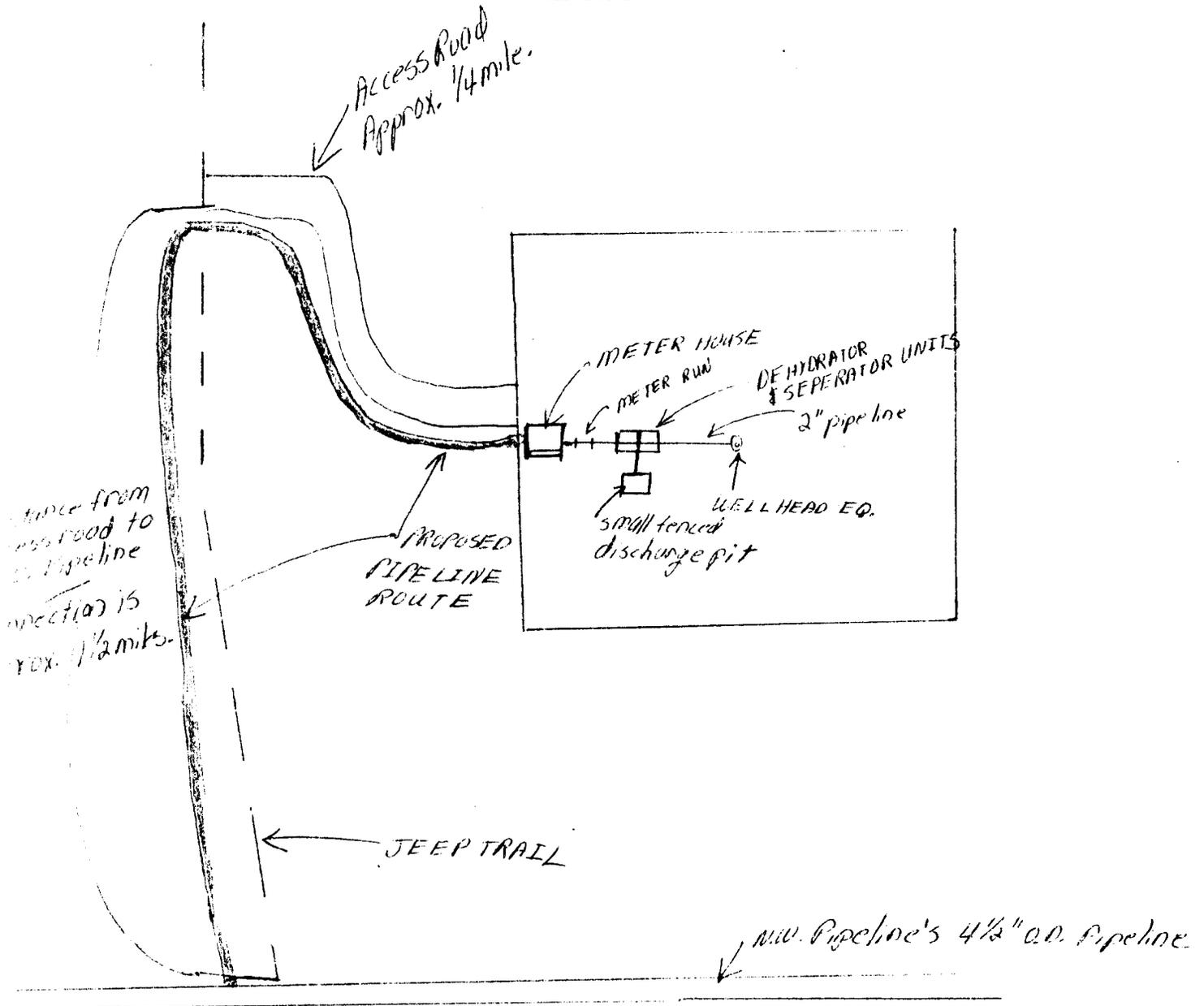


WELL SITE FOR BOWERS FED. WELL #2-25

SCALE - 1 in. = 50 ft.

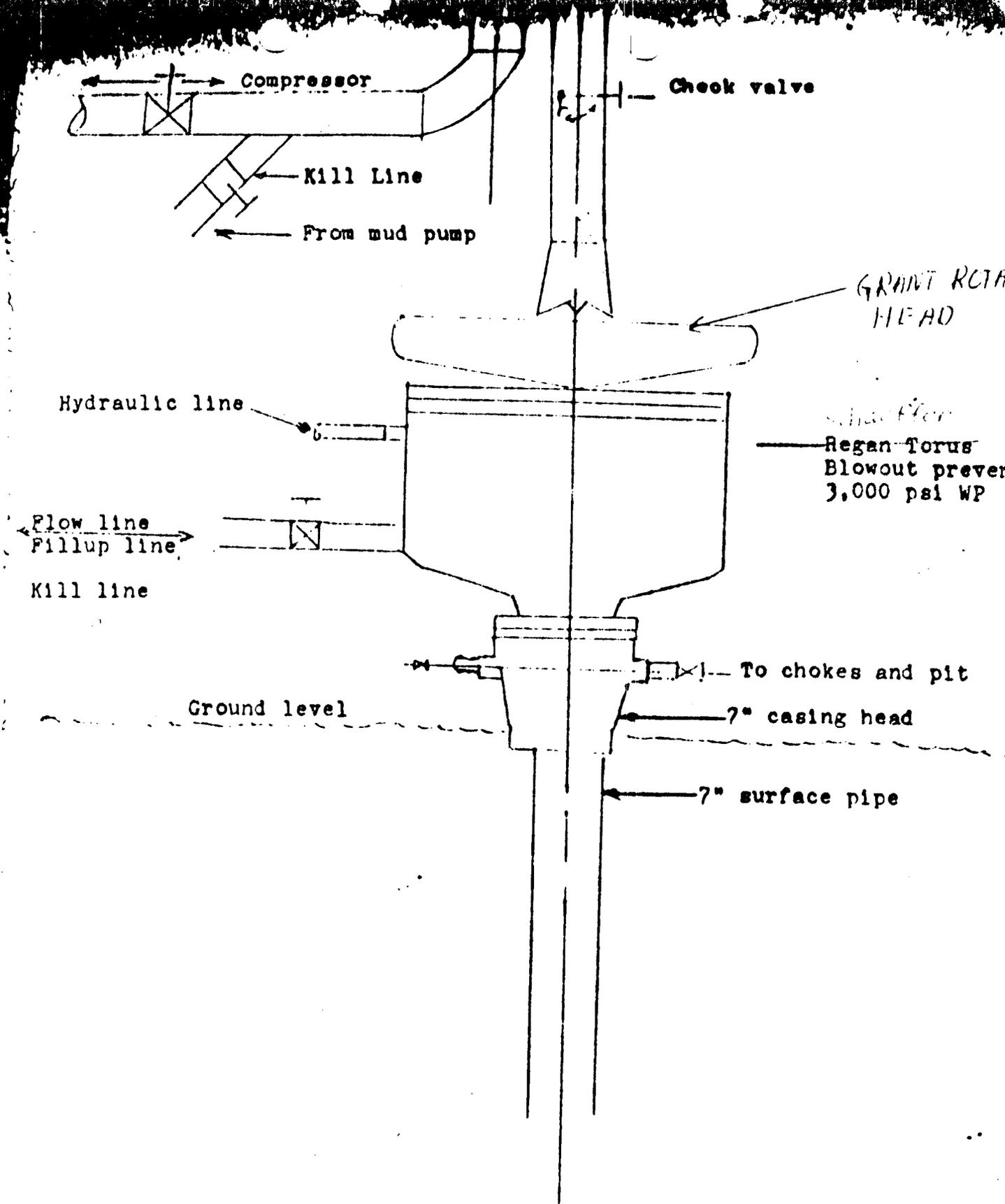
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BUS: 303-245-1342  
RES: 303-242-8311



PROPOSED PRODUCTION FACILITIES FOR BOWERS FED. WELL #2-25

NOT DRAWN TO SCALE



Compressor

Check valve

Kill Line

From mud pump

GRANT ROTARY HEAD

Hydraulic line

Regan Torus

Blowout preventer  
3,000 psi WP

Flow line  
Fillup line

Kill line

To chokes and pit

Ground level

7" casing head

7" surface pipe

April 7, 1981

Bowers Oil and Gas Exploration Inc.  
P.O. Box 636  
Grand Junction Colorado 81502

Re: Well No. Bowers Federal #2-25  
Sec. 25, T. 19S. R. 23E.  
Grand County, Utah

Re; Well No. Bowers State #1-25  
Sec. 25, T. 19S. R. 23E.  
Grand County, Utah

Gentlemen:

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

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

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING



SANDY BATES  
CLERK-TYPIST

**BOWERS OIL & GAS EXPLORATION INC.**

P.O. Box 636  
GRAND JUNCTION, CO. 81502  
BUS: 303-245-1342  
RES: 303-242-6311

April 14, 1981

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

RE: Well No. Bowers Federal #2-25  
Sec. 25, T19S, R23E  
Grand County, Utah

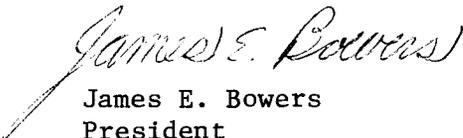
RE: Well No. Bowers State #1-25  
Sec. 25, T19S, R23E  
Grand County, Utah

Gentlemen:

In regard to your letter dated April 7, 1981, Well #2-25 will be spudded the last week of April 1981, while the #1-25 will not be drilled in the near future.

If you have any further questions, please do not hesitate to call.

Sincerely,

  
James E. Bowers  
President

JEB:ddh

**RECEIVED**  
APR 16 1981

DIVISION OF  
OIL, GAS & MINING

Lease No. U-14267  
Communitization Agreement No. n/a  
Field Name Greater Cisco Area  
Unit Name n/a  
Participating Area n/a  
County Grand State Utah  
Operator Bowers Oil & Gas Exploration, Inc.  
 Amended Report

MONTHLY REPORT  
OF  
OPERATIONS

The following is a correct report of operations and production (including status of all unplugged wells) for the month of April, 1981

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
2-25	Sec 25 SWNE	19S	23E	P&A	0	0	0	0	This well was spudded 4/28/81 and P&A 5/2/81. The site has subsequently been recontoured and the pits back-filled. Re-seeding will take place this fall in the manner stipulated by the BLM.

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	none	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	none	none	none
*Sold	none	none	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	none	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	none	XXXXXXXXXXXXXXXXXX
*Used on Lease	none	none	XXXXXXXXXXXXXXXXXX
*Injected	none	none	none
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	none
*Other (Identify)	none	none	none
*On hand, End of Month	n/a	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	n/a	n/a	XXXXXXXXXXXXXXXXXX

Authorized Signature: *James E. Bowers* Address: P.O. Box 636, Grand Jct., CO 81502  
Title: President Page 1 of 1

NOTICE OF SPUD

Caller: Jim Bowers

Phone: \_\_\_\_\_

Well Number: 2-25

Location: SW NE 25-19S-23E

County: Grand State: Utah

Lease Number: 14267

Lease Expiration Date: \_\_\_\_\_

Unit Name (If Applicable): \_\_\_\_\_

Date & Time Spudded: 4-28-81 12:00 P.M.

Dry Hole Spudded Rotary

Details of Spud (Hole, Casing, Cement, etc.) 11" hole

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Rotary Rig Name & Number: Starner Rig #3

Approximate Date Rotary Moves In: \_\_\_\_\_

FOLLOW WITH SUNDRY NOTICE

Call Received By: KR

Date: 4-30-81

RECEIVED

MAY 1 1981

DIVISION OF  
OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

7

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

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

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

2. NAME OF OPERATOR  
Bowers Oil and Gas Exploration, Inc.

3. ADDRESS OF OPERATOR  
P.O. Box 636, Grand Junction, CO 81502

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface 3760 ft. FSL, 3760 ft. FWL  
At top prod. interval reported below same as above  
At total depth same as above

14. PERMIT NO. 43-019-30685 DATE ISSUED 9/5/80

15. DATE SPUNDED 4/28/81 16. DATE T.D. REACHED 5/2/81 17. DATE COMPL. (Ready to prod.) n/a 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 4772' K.B. 19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 2865 ft. (MD) 21. PLUG, BACK T.D., MD & TVD n/a 22. IF MULTIPLE COMPL., HOW MANY\* n/a 23. INTERVALS DRILLED BY → ROTARY TOOLS 0-CD CABLE TOOLS n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* n/a 25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual induction/ Laterlog 27. WAS WELL CORED no

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7 5/8"	24#	210 ft.	11"	to surface	none

29. LINER RECORD n/a 30. TUBING RECORD n/a

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

31. PERFORATION RECORD (Interval, size and number) n/a 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.\* PRODUCTION n/a

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

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

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) \_\_\_\_\_ TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS \_\_\_\_\_

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

SIGNED James E. Bowers TITLE President DATE 6/1/81

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

# INSTRUCTIONS

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

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

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

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

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

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

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Dakota	2275'	2292'	Nothing	Dakota	2240'	n/a
Dakota	2312'	2325'	Nothing	Morrison	2420'	n/a
Dakota	2445'	2450'	Nothing			
Dakota	2730'	2760'	Nothing			

FILE IN TRIPLICATE  
FORM OGC-8-X

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

JUN 13 1977  
DIVISION OF  
OIL, GAS & MINING

\*\*REPORT OF WATER ENCOUNTERED DURING DRILLING\*\*

Well Name & Number Bowers Federal Well #2-25  
Operator Bowers Oil & Gas Expl. Address P.O. BOX 636, Grand Jct. CO  
Contractor Starner Drilling Inc. Address P.O. BOX 1868, Grand Jct. CO  
Location SW 1/4 NE 1/4 Sec. 25 T. 19S R. 23E County Grand

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	From	To	Flow Rate or Head	Fresh or Salty
1.	NONE			
2.				
3.				
4.				
5.				

(Continue on reverse side if necessary)

Formation Tops Dakota-2240 ft.  
Morrison-2420 ft.

Remarks none

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.  
(b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other Dryhole

2. NAME OF OPERATOR  
Bowers Oil & Gas Exploration, Inc.

3. ADDRESS OF OPERATOR  
P.O. Box 636, Grand Jct., CO 81502

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 3760 ft. FSL, 3760 ft. FWL  
AT TOP PROD. INTERVAL: same as at surface  
AT TOTAL DEPTH: same as at surface

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

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

5. LEASE  
U-14267

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
n/a

7. UNIT AGREEMENT NAME  
n/a

8. FARM OR LEASE NAME  
n/a

9. WELL NO.  
Bowers Fed. Well #2-25

10. FIELD OR WILDCAT NAME  
Greater Cisco Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 25, T19S, R23E SLB & M

12. COUNTY OR PARISH  
Grand

13. STATE  
Utah

14. API NO.  
43-019-30685

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4772' K.B.

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

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

Well was cemented 5/2/81 as follows:

- (1) Hole was filled with 9# mud.
- (2) Plugs:
  - a. 2000-2200 (40 sx. class "G")
  - b. 180-280 (20sx. class "G")
  - c. surface with reg. marker (10 sx. class "G")

Well site has subsequently been cleaned, pits filled in and topsoil recontoured back to its' original position. Reseeding will take place this fall. *Regulation dry hole marker has been set*

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

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

SIGNED James Bowers TITLE President DATE 6/1/81

(This space for Federal or State office use)

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

July 17, 1981

Bowers Oil and Gas Exploration, Inc.  
P. O. Box 6368  
Grand Junction, Colorado 81502

Re: Well No. Bowers Fed. #1031  
Sec. 31, T. 19S, R. 24E  
Grand County, Utah

Well No. Bowers Fed. #2-25  
Sec. 25, T. 19S, R. 23E  
Grand County, Utah

Gentlemen:

In reference to our letter of 7-6-81 concerning the logs that were run and not received, we still have not received these: Dual Induction, Neutron/density, Sonic (#1-31); laterlog (#2-25)/

It was indicated by your company that they were sent here directly from Schlumberger, Attn.--Mike Minder, but as of today's date we have only received the Dual induction log for Bowers Fed. #2-25.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs. Failure to provide these reports will result in denial of all future applications for permit to drill from this office.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING



Cleon B. Feight  
Director

/lm