

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.

U-33726

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. #4-3

10. FIELD AND POOL, OR WILDCAT

Greater Cisco Area

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

Sec. 3, T20S, R21E, SLB&M

12. COUNTY OR PARISH 13. STATE

Grand Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK

DRILL [X]

DEEPEN []

PLUG BACK []

D. TYPE OF WELL

WELL []

GAS WELL [X]

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

2229' FEL, 1633' FSL

At proposed prod. zone

same as at surface

(NWSE)

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

20 miles NW of Cisco, Utah

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

313

16. NO. OF ACRES IN LEASE

200

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.

n/a

19. PROPOSED DEPTH

3250 ft.

20. ROTARY OR CABLE TOOLS

Rotary

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

5649' GR

22. APPROX. DATE WORK WILL START*

June 20, 1981

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24#	200 ft.	Circulate to surface.
6 3/4" to top of	Dak 4 1/2"	10.5#	3250 ft.	140 SK. RFC
6 1/4" to top of	TD			

SEE ATTACHMENTS

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

DATE: 5-26-81 BY: M. J. Munder

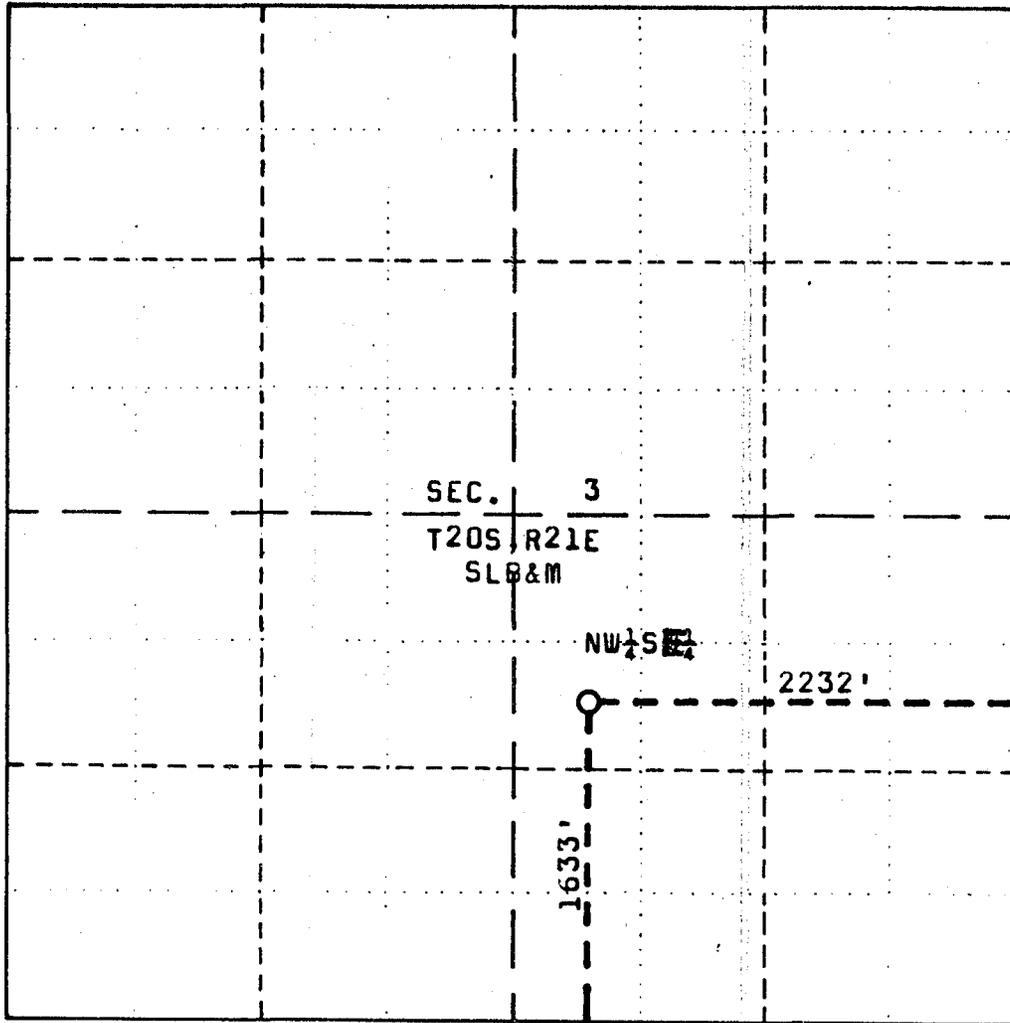
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED: James E. Bowers TITLE: President DATE: 5/11/81

PERMIT NO. 43-019-30807 APPROVAL DATE

APPROVED BY: TITLE: DATE:

CONDITIONS OF APPROVAL, IF ANY:



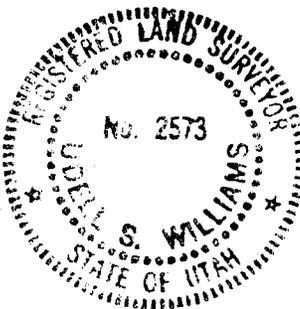
SCALE: 1" = 1000'

Bowers
~~BO-0M~~ FEDERAL NO. 4-3.

Located North 1633 feet from the South boundary and West 2232 feet from the East boundary of Section 3, T20S, R21E, SLB&M.

Elev. 5649

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
Bowers
~~BO-0M~~ FEDERAL NO. 4-3
NW 1/4 SW 1/4 SECTION 3
T20S, R21E, SLB&M

SURVEYED BY: USW DATE: 4/20/61
DRAWN BY: USW DATE: 5/4/61

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

• NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator/Project Name Bowers #4-3

Project Type Development Gas Test

Project Location 2188' FSL, 2109' FEL, Sec. 3, T20S, R21E, Grand Co., Utah

Date Project Submitted May 20, 1981

FIELD INSPECTION

Date June 18, 1981

Field Inspection
Participants

Jim Bowers - Operator
Dave ~~Illes~~ - Dirt contractor
Elmer Duncan, Mical Walker,
Carmen Beightel - BLM
Glenn Doyle - USGS

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 2, 1981
Date Prepared

Glenn M. Doyle
Environmental Scientist

I concur

NOV 02 1981
Date

[Signature] FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR
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
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety					1, 2			6/1/81	
2. Unique charac- teristics					1, 2				
3. Environmentally controversial					1, 2				
4. Uncertain and unknown risks						4			
5. Establishes precedents					1, 2				
6. Cumulatively significant					1, 2				
7. National Register historic places	1-10/27/81								
8. Endangered/ threatened species	1-10/27/81								
9. Violate Federal, State, local, tribal law						4			no

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



ORIGINAL BOWERS FED. # 4-3
DENIED



ORIGINAL BOWERS FED. # 4-3
DENIED

Site-specific Stipulations

- 1) The location was moved to prevent blocking the Calf Canyon drainage and to reduce the flash flood hazard. (See Sundry Notice)

- 2) The location dimensions were altered from 100' x 100' to 125' x 180' to better accommodate the rig and to improve safety of operations.

- 3) The centerline of the road will follow the west side of Calf Canyon to the location. Four water crossings will be used and no fill materials will be allowed in any drainages.



United States Department of the Interior

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

IN REPLY REFER TO

3109
U-33726
(U-068)

OCT 26 1981

Memorandum

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

From: Area Manager, Grand

Subject: Bowers Oil & Gas Exploration, Inc. (APD)
Bowers 4-3 Lease: #U-33726
NW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 3, T. 20 S., R. 21 E., SLB&M
Grand County, Utah

On June 18, 1981 a representative from this office met with Glenn Doyle, USGS, and James Bowers, agent of the Bowers Oil and Gas Exploration Inc. for an inspection of the above referenced location. Subject to the attached conditions and written approval from USGS, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

Please forward the enclosed information to Bowers Oil & Gas Exploration, Inc..

Enclosures: (3)
1-Reclamation Procedures
2-Seed Mixture
3-Suggested Colors - Production Facilities

ADDITIONS TO THE MULTIPOINT
SURFACE USE PLAN
AND
RECLAMATION PROCEDURES.

CONSTRUCTION

1. The operator or his contractor will contact the Grand Resource Area Office in Moab, Utah (phone 801-259-6111) 48 hours prior to beginning any work on public land.
2. The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.
3. Use of water from sources such as wells, springs, streams or stock ponds for activities associated with this well will be approved, prior to use, by the agency or individual holding the water right.
4. If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the Grand Resource Area Office will be contacted. All employees working in the area will be informed by the operator that they will be subject to prosecution if they are caught disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will only be done if damage occurs.
5. Improvement to the existing road will be necessary. The total disturbed width allowed will be 24 feet. The allowable travel surface will be 18 feet.

Upgrade the existing road from the CC-1 well into Calf Canyon. This includes installation of low water crossings as needed. A low water crossing will be constructed in Calf Canyon.

New road construction will be limited to an allowable travel surface width of 18 feet. Low water crossings will be installed in each drainage. The berm along the downslope side of the road will be eliminated.

Trees will be removed from the road and piled on the uphill side.

Topsoil and vegetation will be saved along the route between the trees and the road.

6. Location: Well pad was moved from SW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ section 3 to NW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 3 to get it out of Calf Canyon.
7. The top 6 inches of soil material will be removed from the location and stockpiled on the north side of the location.
8. The reserve pit will not be lined with commercial bentonite or plastic sufficient to prevent seepage. Keyway. The reserve pit banks will be 1.5 to 2.0 feet above pad and constructed in 8" lifts, machinery compacted, and sufficiently wide for equipment to pass over. An area 1.5 cat blades wide will be cleared to mineral soils behind the pit(s) for fire protection.
9. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying. The fence will be 48 inches high woven wire, with 4 strands of barbed wire along the top for support.

REHABILITATION

1. Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be disposed of in the trash cage. Non-burnable debris will be hauled to a local town dump site.
2. The operator or his contractor will contact the Grand Resource Area BLM office in Moab, Utah, phone (801 259-6111), 48 hours prior to starting rehabilitation work that involves earthmoving equipment and upon completion of restoration measures.
3. Before any dirt work to restore the location takes place, the reserve pit must be completely dry and any trash (barrels, metal etc.) it contains must be removed from public lands.
4. All disturbed areas will be recontoured to blend as nearly as possible with the surrounding area.
5. The stockpiled topsoil will be evenly distributed over the disturbed area.
6. All disturbed areas will be scarified with the contour to a depth of 6 inches. Do not smooth pads out, leave a roughened surface.
7. Seed will be broadcast at a time to be specified by the BLM with the following seed prescription. When broadcast seeding, a harrow or some such implement will be dragged over the seeded area to assure seed cover.
8. After seeding is complete the access will be blocked to prevent any vehicle use.
9. Waterbars will be used as needed on all sloping surfaces as shown below:

Grade

2%
2-4%
4-5%
+5%

Spacing

200 ft. spacing
100 ft. spacing
75 ft. spacing
50 ft. spacing

PRODUCTION

1. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed in the methods described in the rehabilitation section. All of the stockpiled topsoil will be used in reclaiming the unused areas.
2. All above-ground production facilities will be painted using the attached suggested colors.
3. The access will be to the design of a class III road.

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

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

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

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U - 33726

OPERATOR: Bowers O & G.

WELL NO. Bowers Fed #4-3

LOCATION: SW 1/4 NW 1/4 SE 1/4 sec. 3, T. 20S, R. 21E, SLM

Grand County, Utah

1. Stratigraphy:

Mancos	surface
Dakota	2700'
Morrison	2950'
<u>TD</u>	<u>3250'</u>

2. Fresh Water:

Fresh water may be present in near-surface Mancos sandstones (to 500' depth).

3. Leasable Minerals:

Coal: Dakota. Thin, lenticular beds

Oil / Gas: Dakota, Morrison

4. Additional Logs Needed:

Gamma ray log should also be included in suite through the ~~so~~ Dakota coal.

5. Potential Geologic Hazards:

None expected

6. References and Remarks:

Signature: Gregory W Wood

Date: 6 - 2 - 81

BOWERS OIL & GAS EXPLORATION INC.

P.O. Box 636

GRAND JUNCTION, CO. 81502

BUS: 303-245-1342

RES: 303-242-6311

NTL-6

1. Geologic name of surface formation - Manco Shale.
2. Estimated tops of important geologic markers -
 - a. Dakota - 2700 ft.
 - b. Morrison - 2950 ft.
 - c. Morrison (salt wash member) - 3100 ft.
3. The estimated depths at which anticipated water, oil, gas or other mineral - bearing formations are expected to be encountered -
 - a. Dakota, 2700 ft., gas or water is expected.
 - b. Cedar Mountain, 2900 ft., gas is expected.
 - c. Morrison (salt wash member), 3100 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 preventer 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 examinations 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 June 20, 1981 . Operation should take seven (7) days.

BOWERS OIL & GAS EXPLORATION INC.

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

SURFACE USE PLAN (NTL-6)

1. Existing Roads - (see attached map). 100
 - a. Proposed well site is marked. 100 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 for about 55 miles and then turn at the West Cisco Exit. Take the 6 & 50 highway East for about five miles and turn north on the light-duty Cunningham Ranch Road. Take this road for 13 miles at which point you turn right onto an unimproved dirt road. Take this road 2 1/2 miles at which point our proposed access road will start.
 - 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 two. One is the road mention in lb. which ends at the beginning of our proposed access road. This is an unimproved dirt road. The other is an unimproved dirt road that is located one mile east of our proposed location. This road runs for three miles north of the Cunningham Ranch Road at an exit point in Section 25.
 - f. Plans for improvement and/or maintenance of existing roads -
The existing unimproved dirt road running from the CC-1 well to the location will be bladed and reconditioned.

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%.
- (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 - *see attached plat.*
- (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 - none
- (2) Abandoned wells - a. SE SW Sec. 2, T20S, R21E, b. (2) N 1/2 Sec. 2, T20S R21E, c. SE NW Sec. 3, T20S, R21E, d. NE NE Sec. 9, T20S, R21E, e. NW SE and NE SW Sec. 34, T19S, R21E.
- (3) Temporarily abandoned wells - none
- (4) Disposal Wells - none
- (5) Drilling Wells - none
- (6) Producing Wells - a. Oil well SW SW Sec. 2, b. Oil well NW NW Sec. 3, c. Oil well NE NW Sec. 10, d. Oil well NW NE Sec. 10, e. Oil well SW SE Sec. 3, f. Gas well SW SE Sec. 4, g. Gas well NW NE Sec. 4. All Wells are in T20S, R21E.

- (7) Shut-in Wells - none
- (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.

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.C. 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 are no longer needed after operations are ended. We will then reseed in a quantity, method and with the type of seed 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 be 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 of seed that BLM directs.
 - (3) Prior to rig release, pits will be fenced and so maintained until clean up.
 - (4) If there is oil on pit we will remove oil or install overhead flagging.
 - (5) We will commence rehab. operation within one week after operations end and complete rehab. within one week after starting rehab. (except for reseeded which will be done when BLM so directs).

11. Other Information

- (1) Topography, soil characteristics, geologic features, Flora and fauna -

The soil in this area varies from that containing appreciable amounts of clays to a sand/gravel mixture. The plant life consists mainly of sagebrush with small amounts of native grass. The animal life consists of prairie dogs and jack rabbits.

- (2) Other surface - use activities and surface ownership of all involved lands - The surface land is used for winter grazing of sheep and cattle. The surface land is federally owned.
- (3) Proximity of water, occupied dwellings, archeological, historical or cultural sites -

The only occupied dwellings are ⁽¹⁾ located in Cisco, Utah, the distance and route to are described above (5). There are no archeological, historical or cultural sites in the area. (2) There is a ranch located approx. 2 miles south of the proposed location.

12. Lessee's or operator's representative - The operator's representative is James E. Bowers, P.O. Box 636, Grand Junction, Colorado 81502, telephone number: 303-245-1342.

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 operation proposed herein will be performed by Bowers Oil and Gas Exploration, Inc. and its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

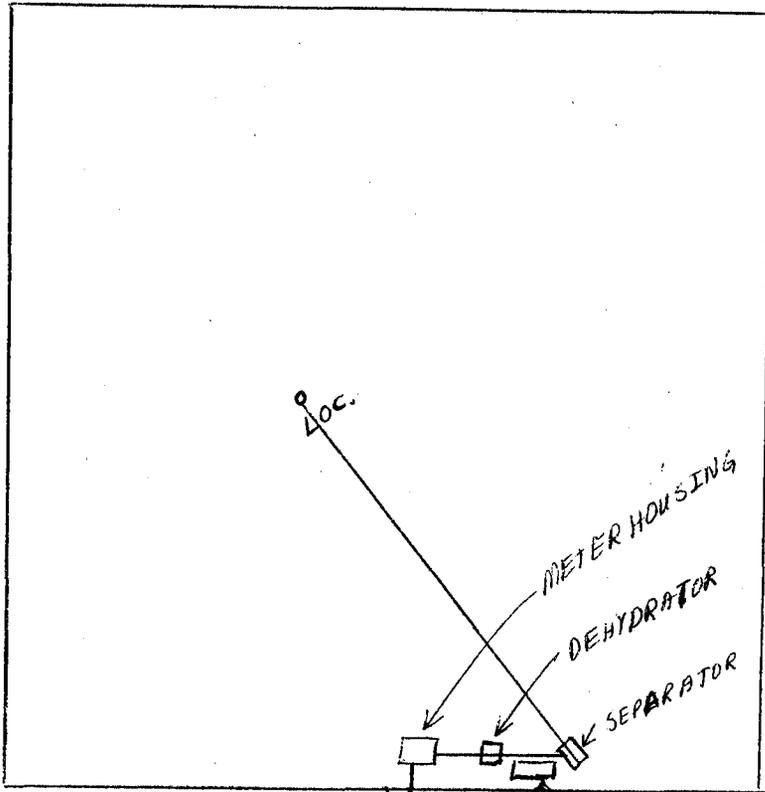
Date

5/11/81

James E. Bowers, Pres.
James E. Bowers, President
Bowers Oil & Gas Exploration, Inc.

BOWERS OIL & GAS EXPLORATION INC.

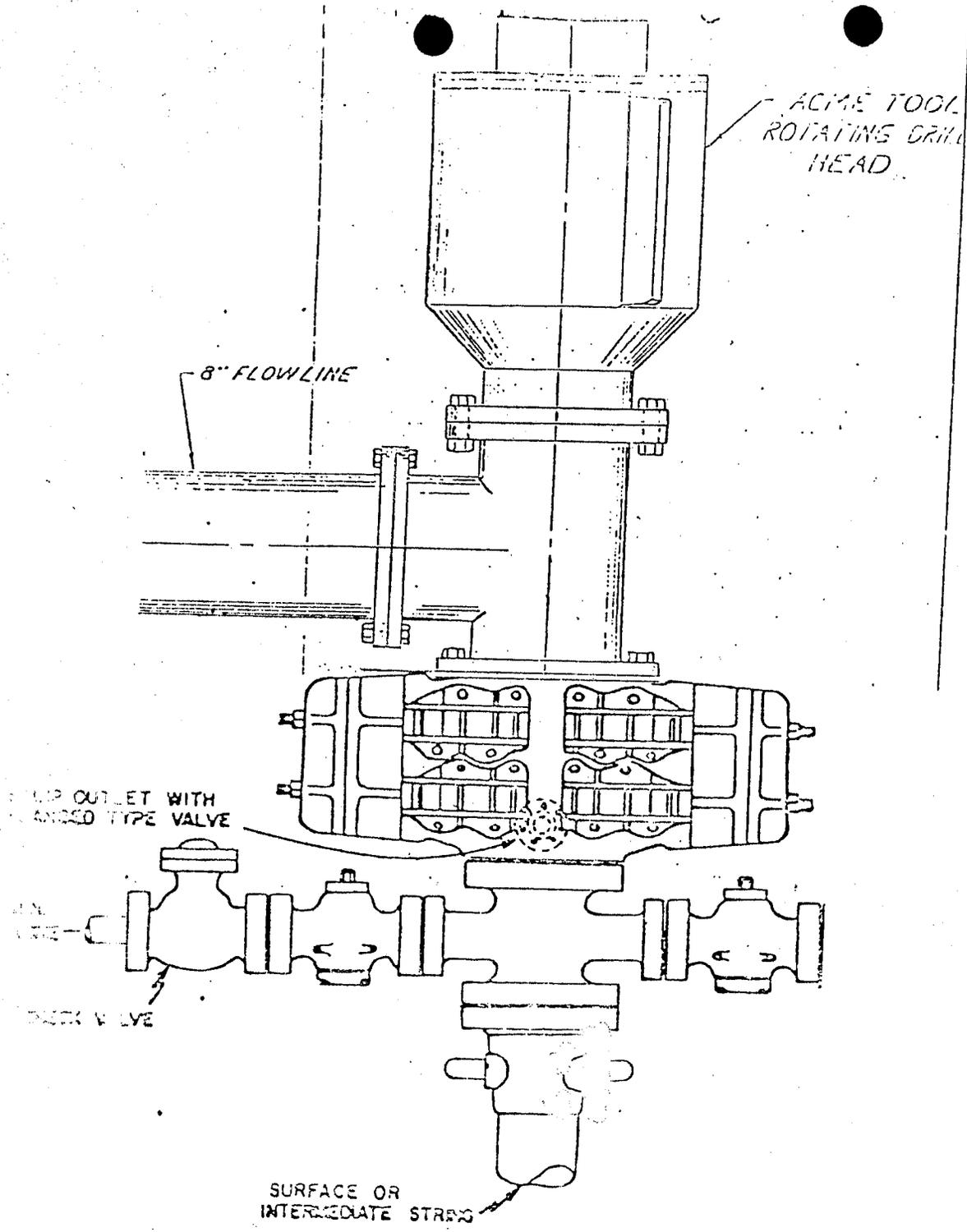
P.O. Box 636
GRAND JUNCTION, CO. 81502
BUS: 303-245-1342
RES: 303-242-6311



3" OR 4"
FEEDER
LINE

1 mile to NW. Pipeline's existing
line.

PROPOSED PRODUCTION FACILITIES FOR Bowers #4-3 Fed.



BOP Schematic

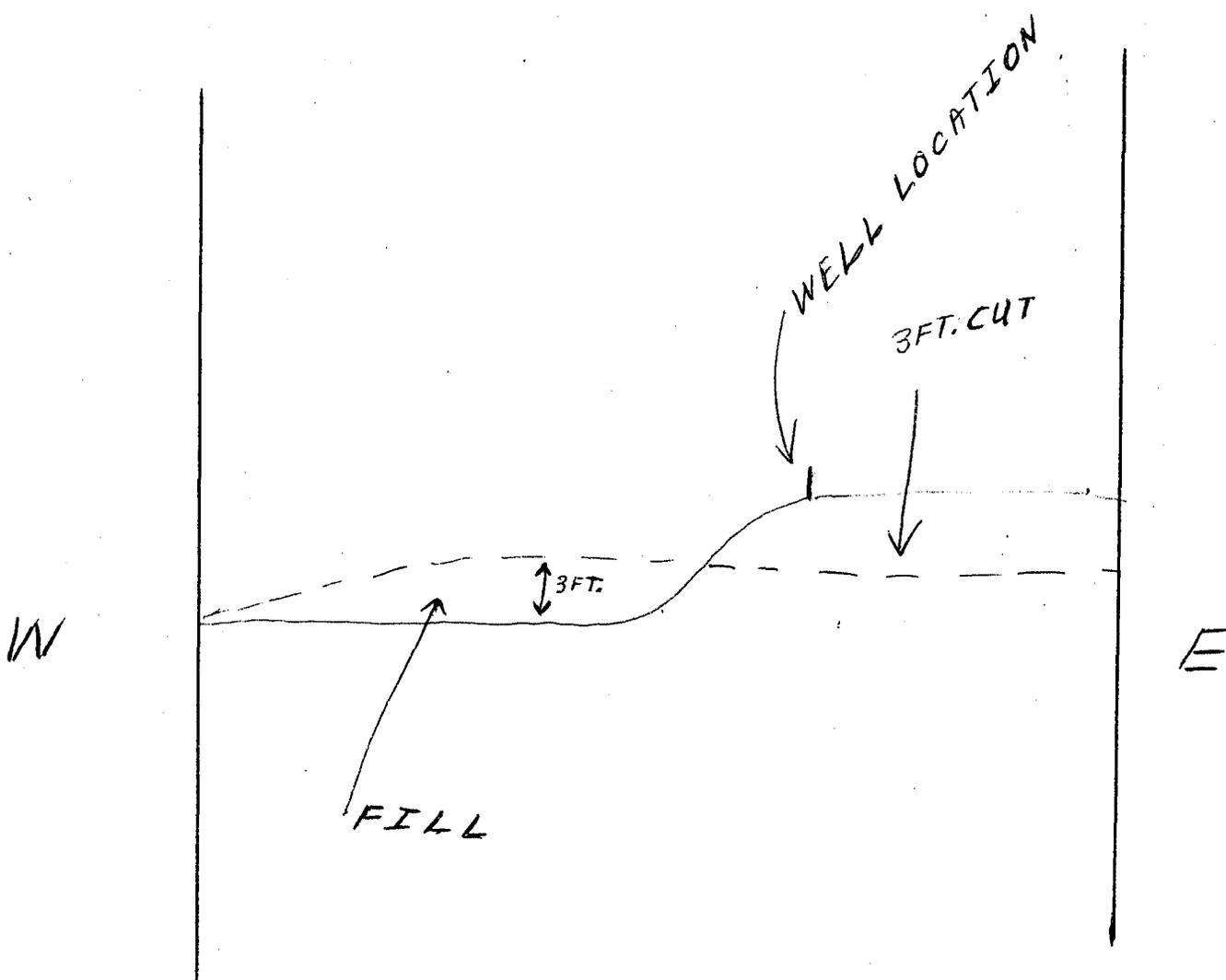
BOWERS OIL & GAS EXPLORATION INC.

P.O. Box 636

GRAND JUNCTION, CO. 81502

BUS: 303-245-1342

RES: 303-242-6311



CUT / FILL DIAGRAM

NOT DRAWN TO SCALE

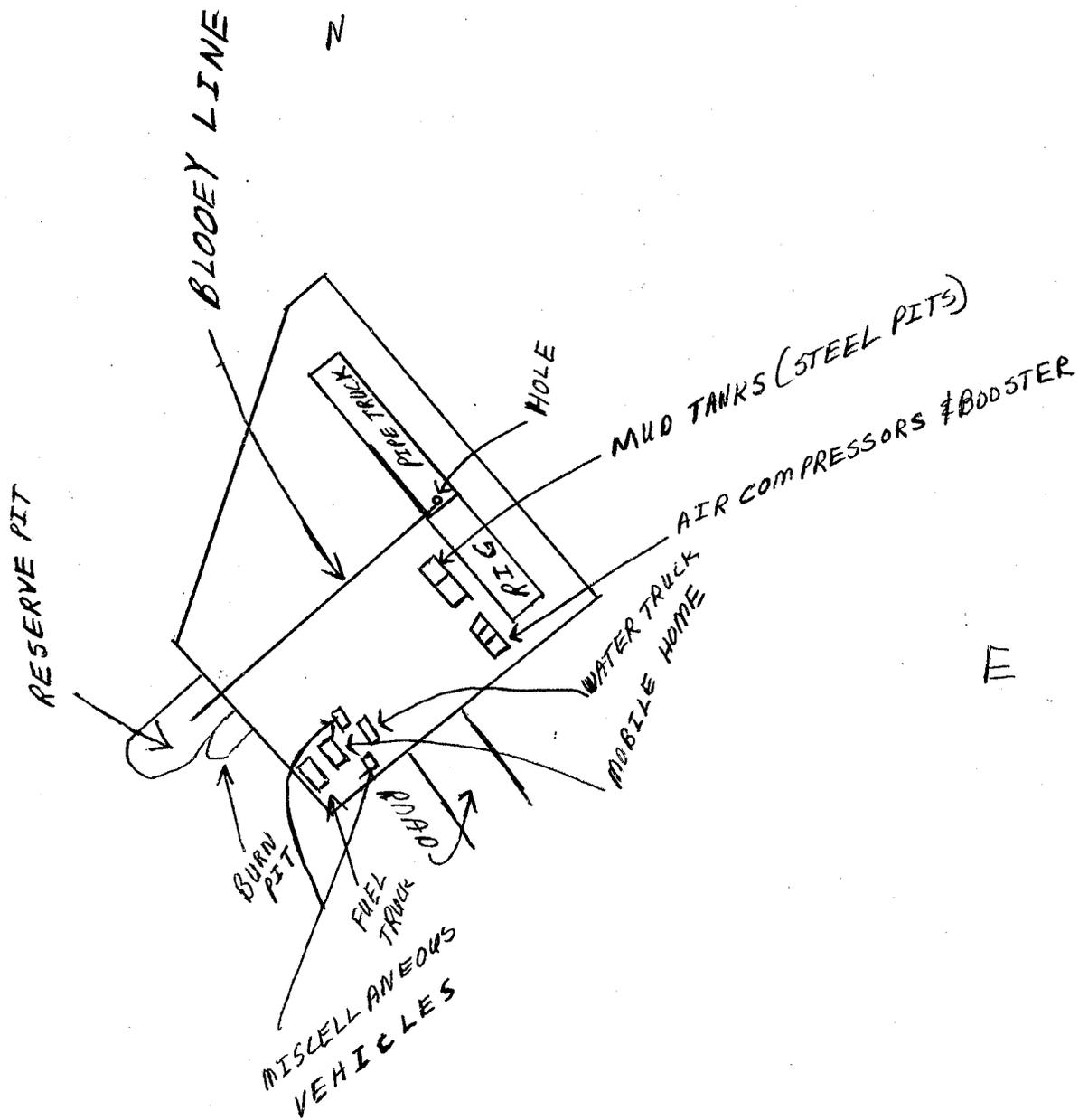
BOWERS OIL & GAS EXPLORATION INC.

P.O. Box 636

GRAND JUNCTION, CO. 81502

BUS: 303-245-1342

RES: 303-242-6311



RIG LAYOUT

One inch = 50 ft.

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL NO.: U-33726

and hereby designates

NAME: Bowers Oil & Gas Exploration, Inc.
ADDRESS: P. O. Box 636
Grand Junction, Colorado 81502

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 20 South, Range 21 East

Section 3: Lots 1, 2, S/2NE/4 and
N/2SE/4

Containing 194.70 acres, more or less
Grand County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

April 22, 1981

(Date)

Claud B. Hamill

(Signature of lessee)

Claud B. Hamill
2306 First City National Bank Bldg.
Houston, Texas 77002

(Address)

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL NO.: U-33726-KGS

and hereby designates

NAME: Bowers Oil and Gas Exploration, Inc.
ADDRESS: P. O. Box 636
Grand Junction, Colorado 81502

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 20 South, Range 21 East
Section 3: Lots 1, 2, S $\frac{1}{2}$ NE, N $\frac{1}{2}$ SE

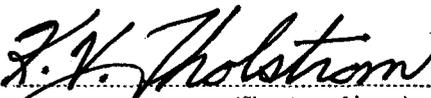
Grand County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

TERRA RESOURCES, INC.


K. V. Tholstrom (Signature of lessee)

District Manager - Development

April 8, 1981
(Date)

P. O. Box 2500 Casper, Wyoming 82602
(Address)

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL NO.: U-14970

and hereby designates

NAME: Bowers Oil & Gas Exploration, Inc.
ADDRESS: Box 636
Grand Junction, Colorado 81502

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 20 South, Range 21 East
Section 3: Lots 1, 2, S $\frac{1}{2}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

RAINBOW RESOURCES, INC.

By: _____

Joe Gill
(Signature of lessee)

Joe Gill, Land Manager
3025 South Parker Road, Suite 600
Aurora, Colorado 80014

(Address)

April 7, 1981

(Date)

BOWERS OIL & GAS EXPLORATION INC.

P.O. Box 636

GRAND JUNCTION, CO. 81502

BUS: 303-245-1342

RES: 303-242-6311

May 8, 1981

USGS
2000 Admin Building
1745 W 1700 South
Salt Lake City, Utah 84104

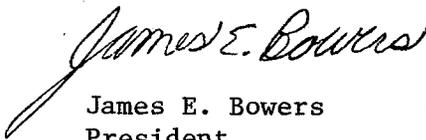
Attention: Mr. Guynn

RE: Bowers Federal Well #4-3

Dear Mr. Guynn:

Enclosed, in triplicate, is on APD for the above caption well. Due to the fact this lease will expire June 30, 1981, we request the onsite inspection be waived. We feel our past record regarding the handling of BLM and USGS requirements justifies such a waiver.

Sincerely,


James E. Bowers
President

JEB:ddh

Enclosures

COPY

BOWERS OIL & GAS EXPLORATION INC.

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

Mary 8, 1981

Utah Oil and Gas Comm.
1588 W N Temple
Salt Lake City, Utah 84116

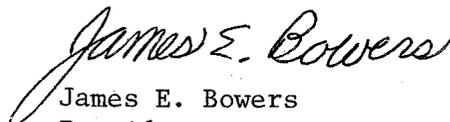
RE: Bowers Federal Well #4-3

Attention: Mr. Mike Minder

Dear Mike:

Enclosed in triplicate is an APD for the above captioned well. The location is 408 ft. from the west lease line and 313 ft. from the south property line. Due to extreme topographic problems on this lease, we request an exception to the 500 ft. from lease line be granted. Also, since this lease expires June 30, 1981 we request this exception be granted by the Utah Oil & Gas Comm. Staff rather than receiving Utah Oil & Gas Comm. Board approval.

Sincerely,


James E. Bowers
President

JEB:ddh

Enclosures

**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 change of location

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: 2188' FSL, 2109' FEL
AT TOP PROD. INTERVAL: same as above
AT TOTAL DEPTH: same as above

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

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

5. LEASE U-33726	
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 Federal #4-3	
10. FIELD OR WILDCAT NAME Greater Cisco Area	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3, T20S, R21E SLB&M	
12. COUNTY OR PARISH Grand	13. STATE Utah
14. API NO. none issued yet	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 5690 ft. (GR)	

(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.)*

Due to USGS disapproval of the location submitted in the APD dated 5/11/81, we request a new location be approved. All necessary changes to the APD are attached to this sundry notice. The original location in the APD was 2232 ft. FEL, 1633 ft. FSL.

** Proposed location change.

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

DATE: 6-26-81
BY: [Signature]

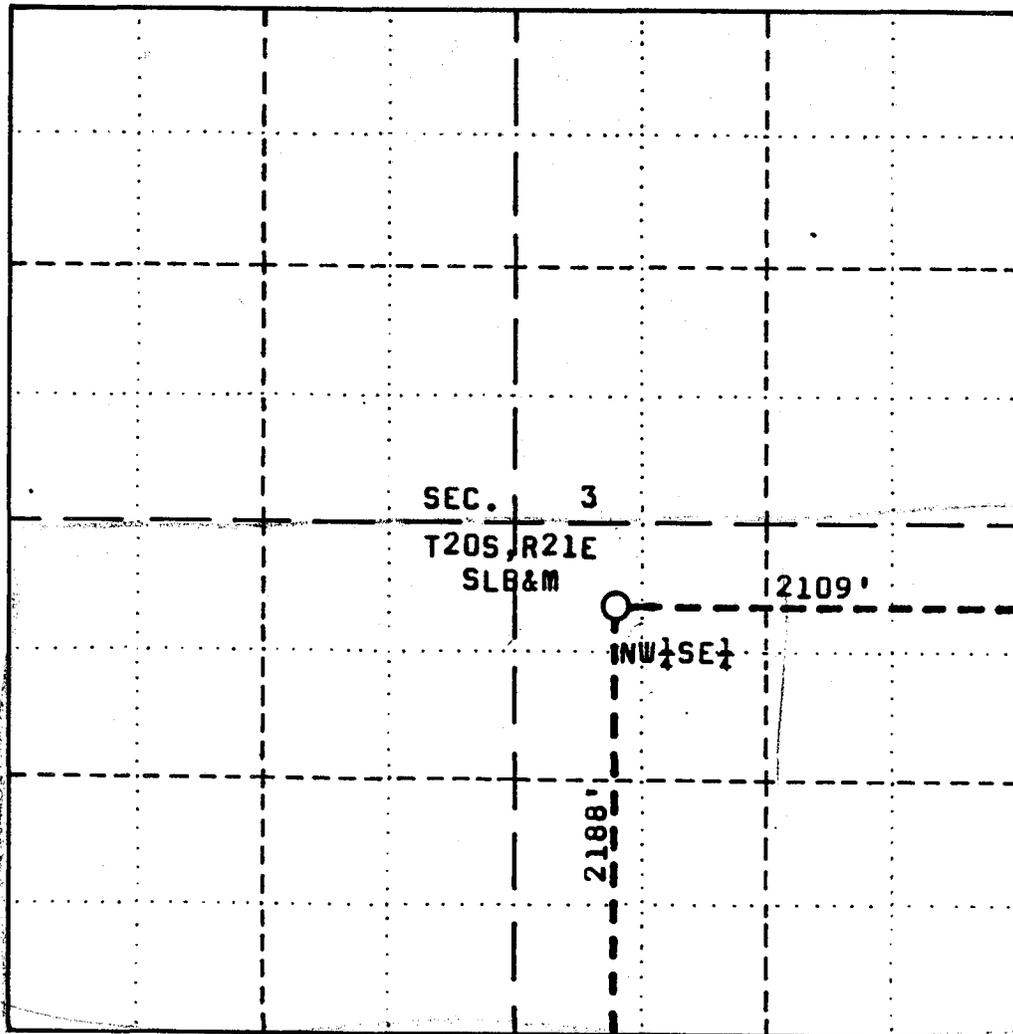
Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED [Signature] TITLE President DATE 6/9/81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



*
 lease
 strip

SCALE: 1" = 1000'

BOWERS FEDERAL #4-3

Located North 2188 feet from the South boundary and West 2109 feet from the East boundary of Section 3, T20S, R21E, SLB&M.

Elev. 5690

Grand County, Utah



UDELL S. WILLIAMS

751 Rood Avenue
 GRAND JUNCTION, COLORADO 81501

SURVEYOR'S CERTIFICATE

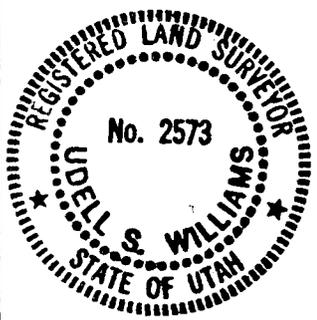
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

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

PLAT OF
 PROPOSED LOCATION

**BOWERS FEDERAL #4-3
 NW 1/4 SE 1/4 SECTION 3
 T20S, R21E, SLB&M**

SURVEYED BY: USW DATE: 6/6/81
 DRAWN BY: USW DATE: 6/6/81

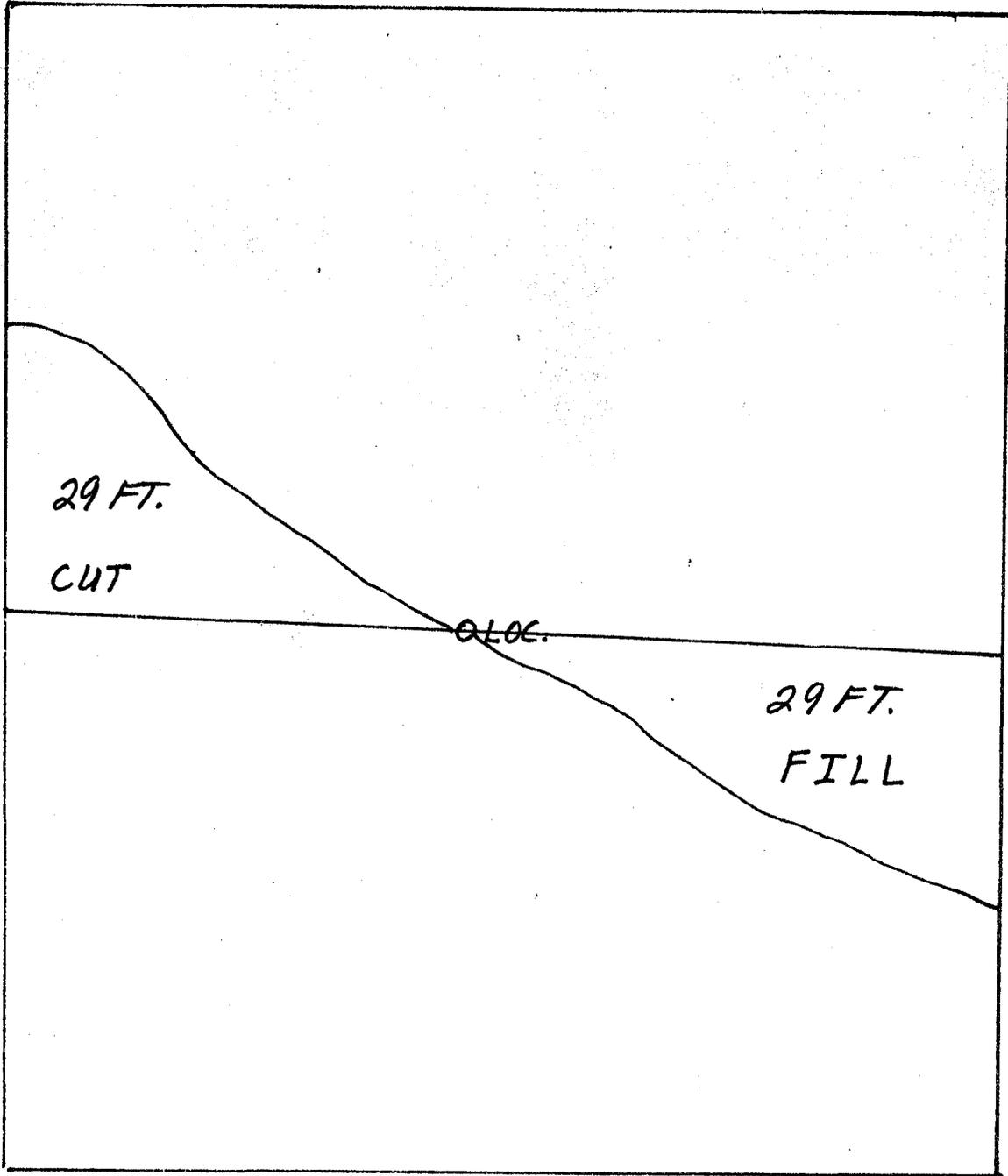


BOWERS OIL & GAS EXPLORATION INC.

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

CUT/FILL DIAGRAM

N



S

NOT DRAWN TO SCALE

BOWERS OIL & GAS EXPLORATION INC.

P.O. Box 636

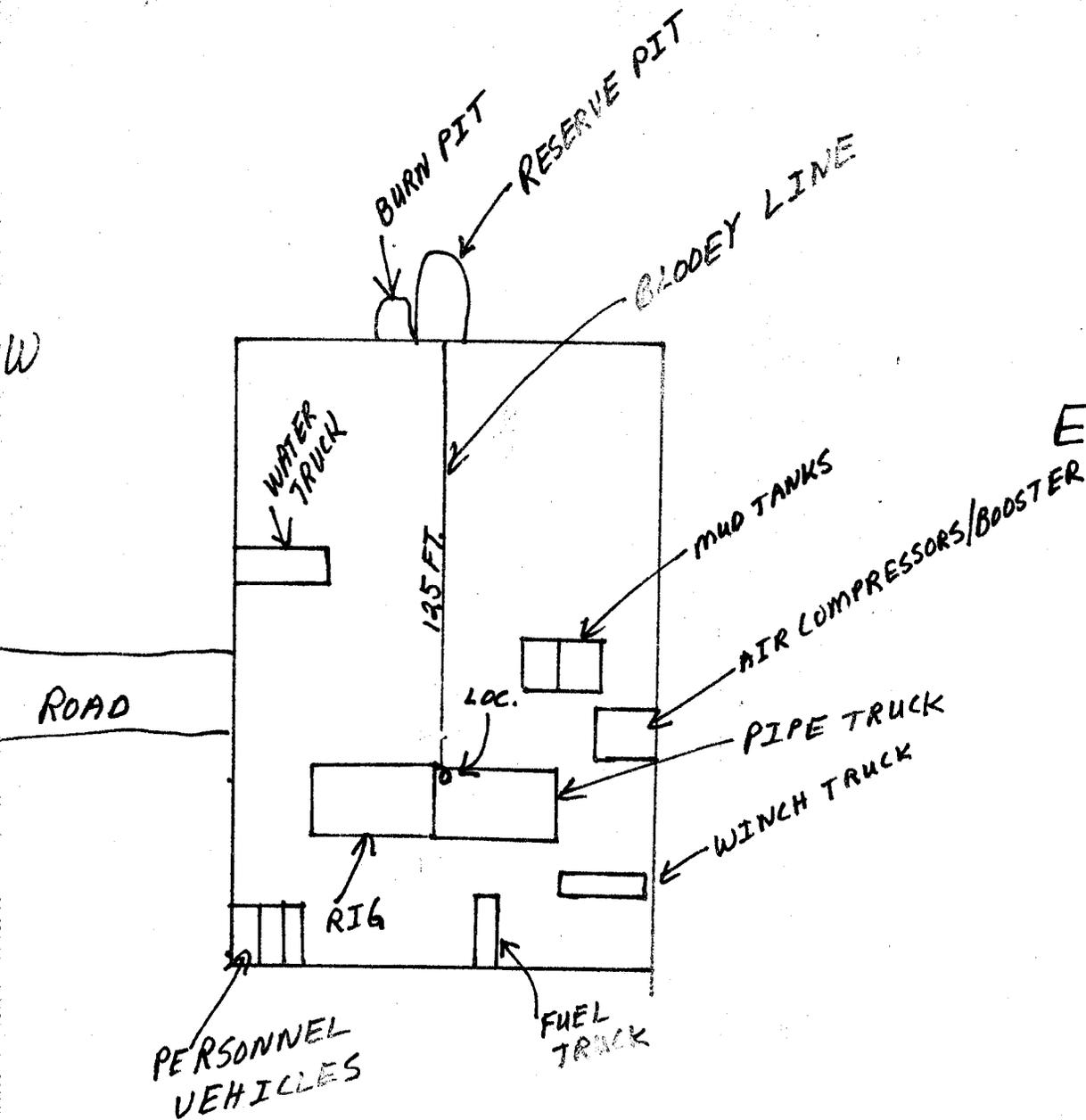
GRAND JUNCTION, CO. 81502

BUS: 303-245-1342

RES: 303-242-6311

RIG LAYOUT

N



S

ONE INCH = 50 FT.

BOWERS OIL & GAS EXPLORATION INC.

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

June 10, 1981

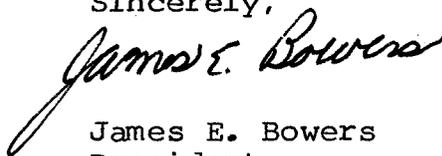
Utah Oil & Gas Commission
1588 W N Temple
Salt Lake City, UT 84116

Attention: Mr. Mike Minder

Dear Mike:

As you may recall, several weeks ago we turned in an APD for our Bowers Federal Well #4-3, to be located in Sec. 3, T20S, R21E, Grand County, Utah. We needed Board approval for this well as it was located within 500 ft. from a property line. I understand there were no complaints against our request thus I assume it was approved. Last week, however, we met with the USGS/BLM for an onsite inspection of the location, and the location was disapproved. They did verbally state another point on the lease would be acceptable to them thus I am requesting the #4-3 location be moved to the position shown on the attached plat (a sundry notice is also attached). This location, while very undesirable to us, should be formally approved by the USGS and should meet with the OGC staff's approval as it meets the area's spacing requirements.

Sincerely,



James E. Bowers
President

JEB:ddh

Enclosures

** FILE NOTATIONS **

DATE: June 15, 1981
OPERATOR: Bowers Oil & Gas Exploration Inc.
WELL NO: Bowers Federal #4-3
Location: Sec. 3 T. 20S R. 21E County: Grand

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

API Number 43-019-30807

CHECKED BY:

Petroleum Engineer: M. J. Minder 6-26-81

Director: _____

Administrative Aide: OK as per Order Below, OK on lease
ownership, OK on boundaries, OK on any other
Oil & Gas wells.

APPROVAL LETTER:

Bond Required: 5/28/81 Survey Plat Required:

Order No. 102-36111, 92679 O.K. Rule C-3

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

Lease Designation Fed Plotted on Map

Approval Letter Written

Hot Line P.I.

June 24, 1981

Bowers Oil & Gas Exploration, Inc.
P. O. Box 636
Grand Junction, Colo. 81502

RE: Well No. Bowers Federal #4-3
Sec. 3, T. 20S, R. 21E,
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. 102-36.

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 43-019-30807

Sincerely,

DIVISION OF OIL, GAS, AND MINING



Michael T. Minder,
Petroleum Engineer

MTM/db
CC: USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.
U-33726

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. #4-3

10. FIELD AND POOL, OR WILDCAT
Greater Cisco Area

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 3, T20S, R21E, SLB&M

12. COUNTY OR PARISH
Grand

13. STATE
Utah

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

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 2232' FEL, 1633' FSL
At proposed prod. zone 2109' 2188'
same as at surface

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
20 miles NW of Cisco, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 313

16. NO. OF ACRES IN LEASE 200

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. n/a

19. PROPOSED DEPTH 3250 ft.

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5649' GR

22. APPROX. DATE WORK WILL START* June 20, 1981

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6 3/4" to top of 11"	Dak 8 5/8"	24#	200 ft.	Circulate to surface
6 1/4" to top of 4 1/2"	TD	10.5#	3250 ft.	140 SK. RFC

SEE ATTACHMENTS

NOV 04 1981

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 prevention program, if any.

24. SIGNED James E. Bowers TITLE President DATE 5/11/81
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY W.P. Martin FOR E. W. GUYNN DATE NOV 03 1981
CONDITIONS OF APPROVAL, IF ANY: TITLE DISTRICT OIL & GAS SUPERVISOR

CONDITIONS OF APPROVAL
TO OPERATOR'S COPY

NOTICE OF APPROVAL

*See Instructions On Reverse Side

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

data oil & G.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Bowers Oil & Gas

WELL NAME: Bowers Federal #4-3

SECTION NWSE 3 TOWNSHIP 20S RANGE 21E COUNTY Grand

DRILLING CONTRACTOR Startner

RIG # 3

SPUDDED: DATE 11-25-81

TIME 8:00 AM

HOW Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Jim Bowers

TELEPHONE # (303) 245-1342

DATE November 27, 1981

SIGNED C.Furse

NOTICE OF SPUD

RECEIVED
DEC 02 1981

DIVISION OF
OIL, GAS & MINING

Caller: Jim Bowers, Bowers Oil & Gas

Phone: 303 245-1342

Well Number: Bowers #4-3

Location: NW 1/4 SE 1/4 Sec 3, T. 20S R. 21E

County: Grand State: UT

Lease Number: U-33726

Lease Expiration Date: _____

Unit Name (If Applicable): _____

Date & Time Spudded: 11-25-81 0800 A.M.

Dry Hole Spudded Rotary: _____

Details of Spud (Hole, Casing, Cement, etc.) set surface pipe

Rotary Rig Name & Number: Steamer #3

Approximate Date Rotary Moves In: 11-25-81

FOLLOW WITH SUNDRY NOTICE

Call Received By: Cindy

Date: 11-27-81

cc: Well file
USGS, Uenah
APD
DSD
TAM
KOT St O & A

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. 71-033726
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 Exp., Inc.
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of December, 19 81

(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
Bowers Ed. 4-3	Sec. 3 NWSE	20S	21E	waiting comp. rig	0	none	none	none	Well was spudded 11/25/81. 11/29/81 TD well at 3367' (KB). 11/30/81 began logging well. 12/2 Ran produc- tion casing.

*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	<u>none</u>	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Produced	<u>none</u>	<u>none</u>	<u>none</u>
*Sold	<u>none</u>	<u>none</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Spilled or Lost	<u>none</u>	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Flared or Vented	<u>XXXXXXXXXXXXXXXXXX</u>	<u>none</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Used on Lease	<u>none</u>	<u>none</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Injected	<u>none</u>	<u>none</u>	<u>none</u>
*Surface Pits	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>	<u>none</u>
*Other (Identify)	<u>none</u>	<u>none</u>	<u>none</u>
*On hand, End of Month	<u>none</u>	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*API Gravity/BTU Content	<u>n/a</u>	<u>n/a</u>	<u>XXXXXXXXXXXXXXXXXX</u>

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

NOWSCO SERVICES

WATER ANALYSIS

Lower 2 zones

File: changes to well lease status

Operator BOWERS OIL & GAS Date Sampled 3-22-82
Well Federal #4-3 Date Received 3-27-82
Field N. Cisco Dome Submitted By Ken Jones
Formation Salt Wash Worked By Byron Hannabas
Depth 3298+3312', 3326' - 3336' Sample Description Water (formation)
County Grand from well
State Utah

PHYSICAL DETERMINATIONS

Specific Gravity 1.020 at 66°F Total Dissolved Solids 25,121.8
°F pH 7.0 Total Organics -

CHEMICAL DETERMINATIONS

Iron 0 Phosphate -
Hydrogen Sulfide 0 Sulfate 0
Total Hardness 10,800 ppm Bicarbonate 0 ppm
Calcium 3120 ppm Chloride 15,405 ppm
Magnesium 729 ppm as Sodium Chloride 25,341 ppm
Sodium and Potassium 5257.8 ppm
(Na+) (K+)

COMMENTS:

BICARB HCO_3 = 610 ppm

Resistivity = .3 ohm/m @ 75°F > .14 at 120°F

Analyst _____

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

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Bowers Federal Well #4-3
Operator Bowers Oil & Gas Expl. Address P.O. Box 636, Grand Jct., CO
Contractor Starner Drilling Address P.O. Box 1868, Grand Jct., CO
Location NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 3 T. 20S R. 21E County Grand

Water Sands None

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.			
2.			
3.			
4.			
5.			

(Continue of reverse side if necessary)

Formation Tops

Dakota - 2843'
Morrison - 3043'

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.



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

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

March 4, 1982

Bowers Oil & Gas Exploration
P. O. Box 636
Grand Junction, Colorado 81502

Re: Well No. Bowers Federal #4-3
Sec. 3, T. 20S, R. 21E
Grand County, Utah
(January- February 1982)

Gentlemen:

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

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

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

Cari Furse
Clerk Typist

BOWERS OIL & GAS EXPLORATION INC.

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

March 12, 1982

Utah Oil & Gas Commission
4241 State Office Building
Salt Lake City, Utah 84114

Attention: Ms. Cari Furse

RE: Bowers Federal Well #4-3
Sec. 3, T20S, R21E,
Grand County, Utah

Dear Cari:

This letter is written in reply to your letter to us, dated March 4, 1982, regarding monthly drilling reports for the above captioned well. We sent in the required Federal Form #9-329 (Monthly Report of Operations) report for this well for the months of January and February. The sundry report you mention in your letter is not due until a change of operations, plans, etc. is desired.

Sincerely,

James E. Bowers
James E. Bowers
President

JEB:ddh

*Cari Telephoned 3-24-81 for
Jan & Feb reports, he will
send.*

RECEIVED

MAR 19 1982

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

10

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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
Bowers Oil & Gas Exploration, Inc.

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2109' FEL, 2188' FSL NWSE
At top prod. interval reported below same as at surface
At total depth same as at surface

14. PERMIT NO. 43-019-30807 **DATE ISSUED** 6/26/81

5. LEASE DESIGNATION AND SERIAL NO.
71-033726

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 #4-3

10. FIELD AND POOL, OR WIDDCAT
Greater Cisco Area

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 3, T20S, R21E
SLB & M

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

15. DATE SPUDDED 11/25/81 **16. DATE T.D. REACHED** 11/29/81 **17. DATE COMPL. (Ready to prod.)** N/A **18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*** 5657' (KB) **19. ELEV. CASINGHEAD** 1'

20. TOTAL DEPTH, MD & TVD 3367' (KB) MD **21. PLUG, BACK T.D., MD & TVD** 3345' (KB) MD **22. IF MULTIPLE COMPL., HOW MANY*** n/a **23. INTERVALS DRILLED BY** ROTARY TOOLS 0-3367' CABLE TOOLS 0

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
3243'-3253' (KB) (MD) **25. WAS DIRECTIONAL SURVEY MADE** No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Dual Induction Laterolog, Compensated Density/Neutron **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
8 5/8"	24#	211' (KB)	11"	to surface	n/a
4 1/2"	10.5#	3355' (KB)	6 3/4" to 2550'	75 sx. 10-2 RFC	n/a
			6 1/4" 2550' to TD	20 bbl. CW-100	

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

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3238' (MD)	n/a

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	NUMBER	TYPE
3243-3253'	3/8"	11	jet shot
3326-3336'	3/8"	11	jet shot
3298-3312'	3/8"	15	jet shot

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3326-3336'	500 gal. 7 1/2% MSR-100 (acid)
3298-3312'	500 gal. 7 1/2% MSR-100 (acid)
3243-3253'	500 gal. 7 1/2% HCL (acid)
3243-3253'	10,544 lbs. 10/20 sand, 408 bbls. gel

33.* Well is still cleaning up after PRODUCTION job. **PRODUCTION METHOD** (Flowing, gas lift, pumping—size and type of pump) _____ **WELL STATUS (Producing or shut-in)** **SI**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
				10		10	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
					10	

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

35. LIST OF ATTACHMENTS
None

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** Pres. **DATE** 5/6/82

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions.

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

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

Item 19: 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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Morrison (1st Salt Wash Sand)	3243'	3253'	Show of gas and oil.	Dakota	2843'	----
Morrison (2nd Salt Wash Sand)	3298'	3312'	Slight show of gas and oil. Estimated 10 BWPD.	Morrison	3043'	----
Morrison (3rd Salt Wash Sand)	3326'	3336'	Slight show of gas and oil. Estimated 10 BWPD.			

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

through August

Lease No. 71-033726
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

The following is a correct report of operations and production (including status of all unplugged wells) for the month of January, 1983

(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
✓ 4-3	Sec 3 NWSE	20S	21E	GSI	0	none	none	none	none 43-019-30807

*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	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	none	none	none
*Sold	none	none	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	none	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	none	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	none	none	XXXXXXXXXXXXXXXXXXXX
*Injected	none	none	none
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	none
*Other (Identify)	none	none	none
*On hand, End of Month	none	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	none	none	XXXXXXXXXXXXXXXXXXXX

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. 71-033726
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

The following is a correct report of operations and production (including status of all unplugged wells) for the month of September, 19 83

(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. & ¼ of ¼	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
4-3	Sec 3 NWSE	20S	21E	GSI	30	132.39	0	0	43-019-30807 None NOV 15 1983

*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	<u>none</u>	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Produced	<u>132.39</u>	<u>none</u>	<u>none</u>
*Sold	<u>132.39</u>	<u>none</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Spilled or Lost	<u>none</u>	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Flared or Vented	<u>XXXXXXXXXXXXXXXXXX</u>	<u>none</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Used on Lease	<u>none</u>	<u>none</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Injected	<u>none</u>	<u>none</u>	<u>none</u>
*Surface Pits	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>	<u>none</u>
*Other (Identify)	<u>none</u>	<u>none</u>	<u>none</u>
*On hand, End of Month	<u>none</u>	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*API Gravity/BTU Content	<u>35.3</u>	<u>n/a</u>	<u>XXXXXXXXXXXXXXXXXX</u>

Authorized Signature: James S. Bowers Address: P.O. Box 636, Grand Junction, CO
Title: President Page 1 of 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other

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

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2109' FEL, 2188' FSL
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 checked="" type="checkbox"/>	<input type="checkbox"/>
(other) <input type="checkbox"/>	<input type="checkbox"/>

5. LEASE
71-033726

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 #4-3

10. FIELD OR WILDCAT NAME
Greater Cisco Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 3, T20S, R21E, SLB & M

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.
43-019-30807

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5657' (KB)

(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.)*

- A. This well was originally completed as a Morrison oil well but testing proved the well to be non-commercial.
- B. Presently open is the interval 3243'-3253'.
- C. The tops are: Dakota - 2843'; Morrison - 3043'.
- D. We propose to P & A as follows:
 - 1. Shoot off and pull as much 4 1/2" casing as possible.
 - 2. Set plugs thru tubing:
 - a. Plug #1 - 3143'-3353' (20 sx. Class B cement).
 - b. Plug #2 - 200' plug across 4 1/2" casing stub (20 sx. Class B cement).
 - c. Plug #3 - 110'-310' (across surface pipe) (20 sx. class B cement).
 - d. Plug #4 - surface plug (25 sx. Class B cement) with (ove

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED James Brown TITLE President DATE 6/1/83

(This space for Federal or State Approval)

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

RECEIVED JUN 03 1983

DIVISION OF
OIL, GAS & MINING

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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.

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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

d. Plug #4 (con't). -with regulation marker.

E. Hole will be filled with 9 ppg. mud.

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other

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

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2109' FEL, 2188' FSL
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 checked="" type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(other)		

5. LEASE
71-033726

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 #4-3

10. FIELD OR WILDCAT NAME
Greater Cisco Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3, T20S, R21E SLB & M

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.
43-019-30807

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5657' (KB)

(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.)*

On 6/1/83 we sent a sundry notice to your office requesting approval to plug and abandon the above captioned well. Due to the fact the salvage value of casing is so low, we request permission to change our abandonment plans. We propose:

- A. Set a cast iron bridge plug at 3220 ft. (23 ft. above the top perforation).
- B. Dump a bailer load of class G cement (Approx. one sx.) on top of the bridge plug.
- C. Set a surface plug (10 sx. class G cement) with regulation marker.

* *BLM Approval is necessary and supervised*
Subsurface Safety Valve: Mand. and Type State of Utah acceptance Set @ _____ Ft.

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

SIGNED James E. Bowers TITLE President DATE 6/21/83
*** APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING**

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

DATE: 6/21/83
BY: [Signature]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other

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

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2109' FEL, 2188' FSL (NW 1/4 SE 1/4)
AT TOP PROD. INTERVAL: same as above
AT TOTAL DEPTH: same as above

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

5. LEASE
71-033726

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 Federal #4-3

10. FIELD OR WILDCAT NAME
Greater Cisco Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 3, T20S, R21E SLB & M

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.
43-019-30807

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5657' (KB)

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	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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

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

- As of 9/ 8/83 the abandonment of this well is complete.
- A. We set a cast iron bridge plug at 2000 ft. (KB).
 - B. We put 15 sx. of class G cement on top of bridge plug.
 - C. We set a surface plug, 25 sx. of class G cement, with regulation marker.
 - D. No cement was put in annulus as surface pipe was cemented to surface. Initially, the surface pipe was welded to prod. pipe.
 - E. Site has been completely cleaned, pits backfilled, and topsoil recontoured back to its' original position.
 - F. Reseeding has already taken place.

Subsurface Safety Valve: Manu. and Type _____ Ft.

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

SIGNED James E. Bowers TITLE President

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:



APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 11/28/83
BY: [Signature]



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

January 6, 1984

Bowers Oil & Gas Exploration Inc.
P O Box 636
Grand Junction CO 81502

RE: Well No. Federal #4-3
API #43-019-30807
2188' FNL, 2109' FEL NW/SE
Sec. 3, T. 20S, R. 21E.
Grand County, Utah

Gentlemen:

This office received a "Well Completion Report" dated May 6, 1982 and a "Sundry Notice" of subsequent abandonment dated September 8, 1983. Copies of these documents are enclosed.

These documents indicate that this well was shut in upon completion and subsequently abandoned, however, our production department received a "Monthly Report of Operations" for the month of September 1983 showing this as a shut in gas well but also showing production of 123.38 barrels of oil. We have enclosed a copy of this document also.

Please rectify these conflicting reports and notify this office as soon as possible of the results.

Thank you for your prompt attention to this matter.

Respectfully,

Claudia Jones
Well Records Specialist

CLJ/cj
Enclosure