

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE  WATER SANDS LOCATION INSPECTED GAS SUB REPORT/abd

\* Location Abandoned - well never drilled - 9-27-82 1-26-83

DATE FILED 11-25-81

LAND: FEE & PATENTED STATE LEASE NO PUBLIC LEASE NO U-7989 INDIAN

DRILLING APPROVED: 12-9-81

SPOUDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION 5099' GR

DATE ABANDONED LA 9-27-82 1-26-83

FIELD: GR. CISCO AREA 3/86

UNIT:

COUNTY: GRAND

WELL NO BO-CC FEDERAL #1-35

API NO. 43-019-30886

LOCATION 505 FT. FROM (N)  LINE. 009

FT. FROM (E)  LINE. NE NE

1/4 - 1/4 SEC 35

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				20S	21E	35	BOWERS OIL & GAS EXPLOR.

BOWERS OIL & GAS EXPLORATION INC. 04c

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

November 4, 1981

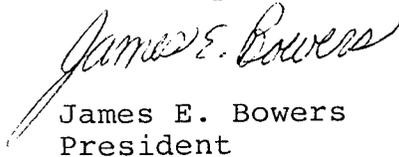
USGS  
2000 Administration Building  
1745 W 1700 S  
Salt Lake City, Utah 84104

RE: BO-CC Federal Well #1-35,  
NENE Sec. 35, T20S, R21E,  
Grand County, Utah.

Gentlemen:

Enclosed in triplicate is an APD for the above captioned well.

Sincerely,

  
James E. Bowers  
President

JEB:ddh

Enclosures

**RECEIVED**

NOV 25 1981

**DIVISION OF  
OIL, GAS & MINING**

**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 and 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 505 ft. FLN, 909 ft. FEL (NENE)  
 At proposed prod. zone  
same as at surface

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

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

16. NO. OF ACRES IN LEASE  
400

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.  
N/A

19. PROPOSED DEPTH  
3050 ft. *entire*

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5099 ft. (GR)

22. APPROX. DATE WORK WILL START\*  
December 15, 1981

23. 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
6 3/4" to top of Dak.	4 1/2"	9.5# or 10.5#	3050 ft.	140 SK. RFC
6 1/4" Dak. top to TD				

SEE ATTACHMENTS

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

DATE: 12-7-81  
 BY: M. J. Minder

**RECEIVED**

NOV 25 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 preventer program, if any.

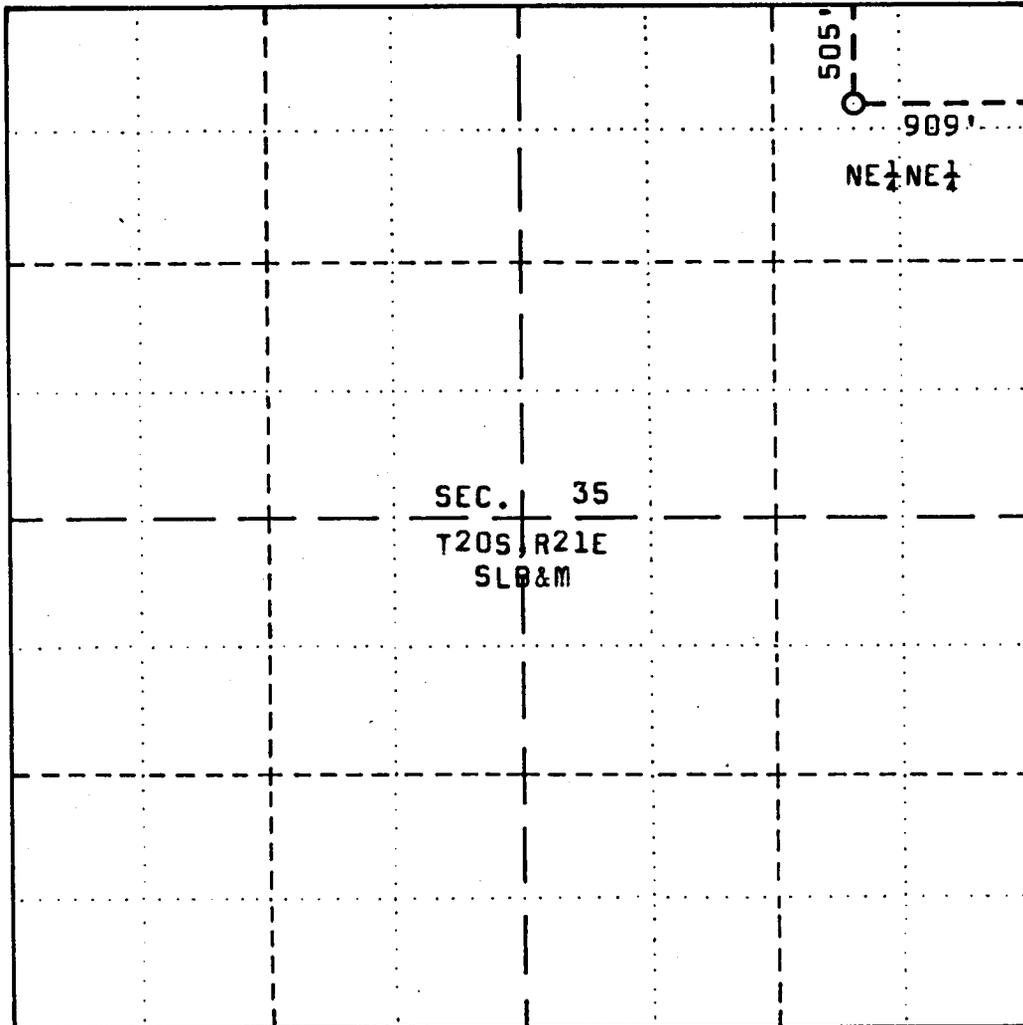
24. SIGNED James E. Bowers TITLE President DATE 11/17/81

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:



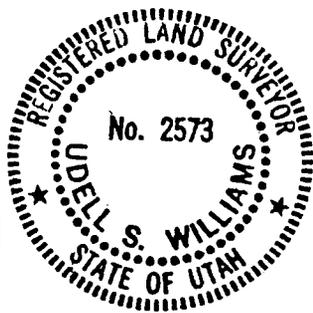
SCALE: 1" = 1000'

BO-CC FED. WELL #1-35

Located South 505 feet from the North boundary and West 909 feet from the East boundary of Section 35, T20S, R21E, SLB&M.

Elev. 5099

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

BO-CC FED. WELL #1-35  
NE 1/4 NE 1/4 SECTION 35  
T20S, R21E, SLB&M

SURVEYED BY: USW DATE: 10/26/81  
DRAWN BY: USW DATE: 10/26/81

# 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 - 2200 ft.
  - b. Morrison - 2400 ft.
  - c. Morrison (salt wash member) - 2600 ft.
  - d. Entrada - 2950 ft.
3. The estimated depths at which anticipated water, oil, gas or other mineral - bearing formations are expected to be encountered -
  - a. Dakota, 2200 ft., gas or water is expected.
  - b. Cedar Mountain, 2350 ft., gas is expected.
  - c. Morrison (salt wash member), 2600 ft., gas or water is expected.
  - d. Entrada, 2950 ft., oil 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 ratary drilling and the quantities and types of mud and weighting material to be maintained.
  - a. We propose to drill with air as fas 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 December 15, 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).

- 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 - (see attached topo. map)  
From Grand Jct., Colorado you take I-70 West to the West Cisco exit (approx. 60 miles). From this point you take highway 6 & 50 East about 5 miles where you proceed north on the Cunningham Ranch Road. You go 12 miles on this road and then make a left turn on an unimproved dirt road and proceed 1 1/2 miles where you then make a right turn. Proceed about 1/2 mile and you will come to the point of our proposed access road.
- 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.) -
  1. Jeep trail (North/South running) where you leave Cunningham Ranch Road. This jeep trail forks off in the SENW Sec. 36 to:
    - a. Straight South
    - b. Straight North
    - c. Straight West
- f. Plans for improvement and/or maintenance of existing roads -  
  
None

## 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 -
- (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. NENE Sec. 36
  - b. SWNW Sec. 25
  - c. SESE Sec. 27
  - d. NENE Sec. 26
- (3) Temporarily abandoned wells - None
- (4) Disposal Wells - None
- (5) Drilling Wells - None
- (6) Producing Wells -
  - Oil Wells a. NWNW Sec. 25
  - b. SWSW Sec. 25
  - Gas Wells c. NENE Sec. 26
  - d. SWSE Sec. 25
  - e. NENE Sec. 36
  - f. NENW Sec. 36

- (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
- (2) Production Facilities - Gas well in the NENW Sec. 36
- (3) Oil gathering lines - none owned or controlled by operator/lessee.
- (4) Gas gathering lines - None
- (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. ¼ 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 funa -

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 -

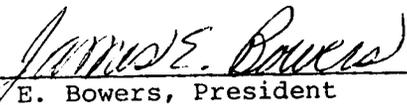
The only occupied dwellings are located in Cisco, Utah, the distance and route to are described above (5). There are no archeological, historical or cultural sites in the area.

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

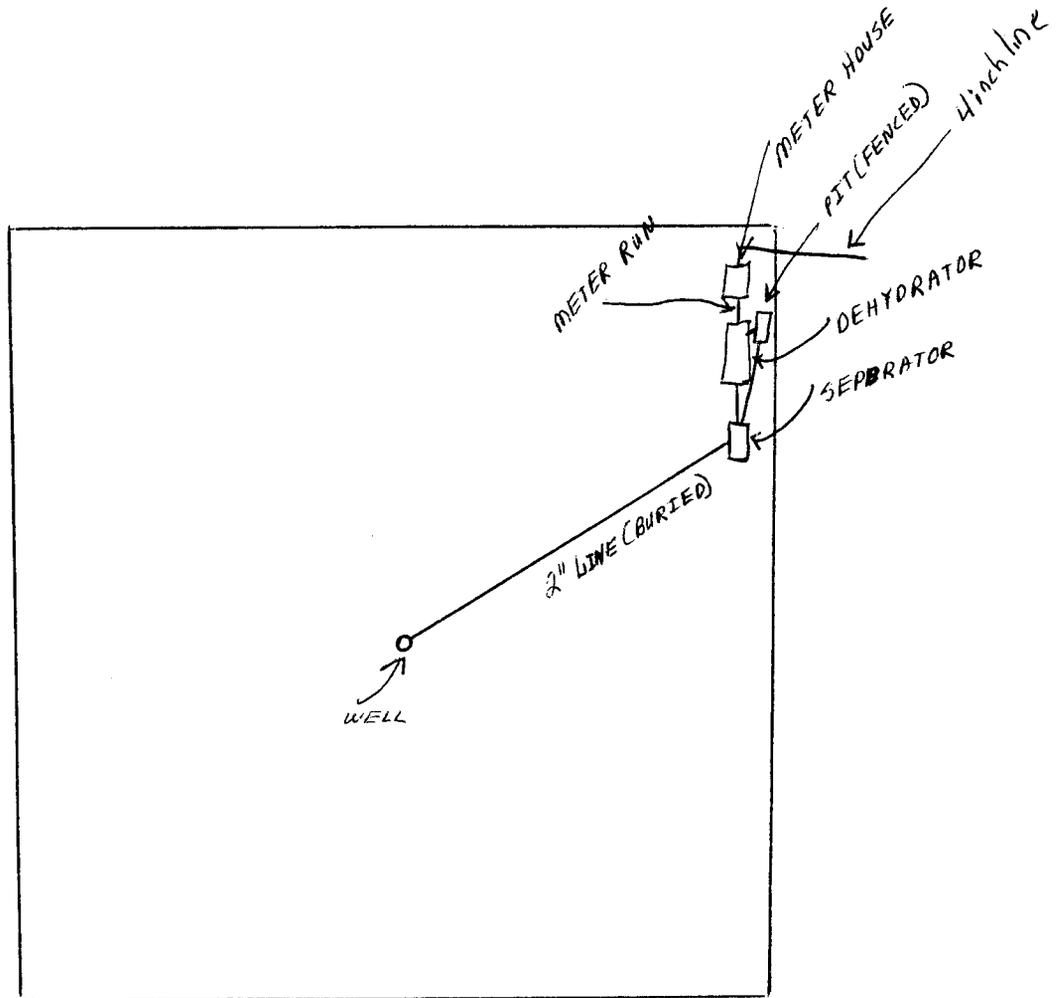
11/9/81

  
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

PRODUCTION FACILITIES PLAT FOR BO-CC  
WELL # 1-35.



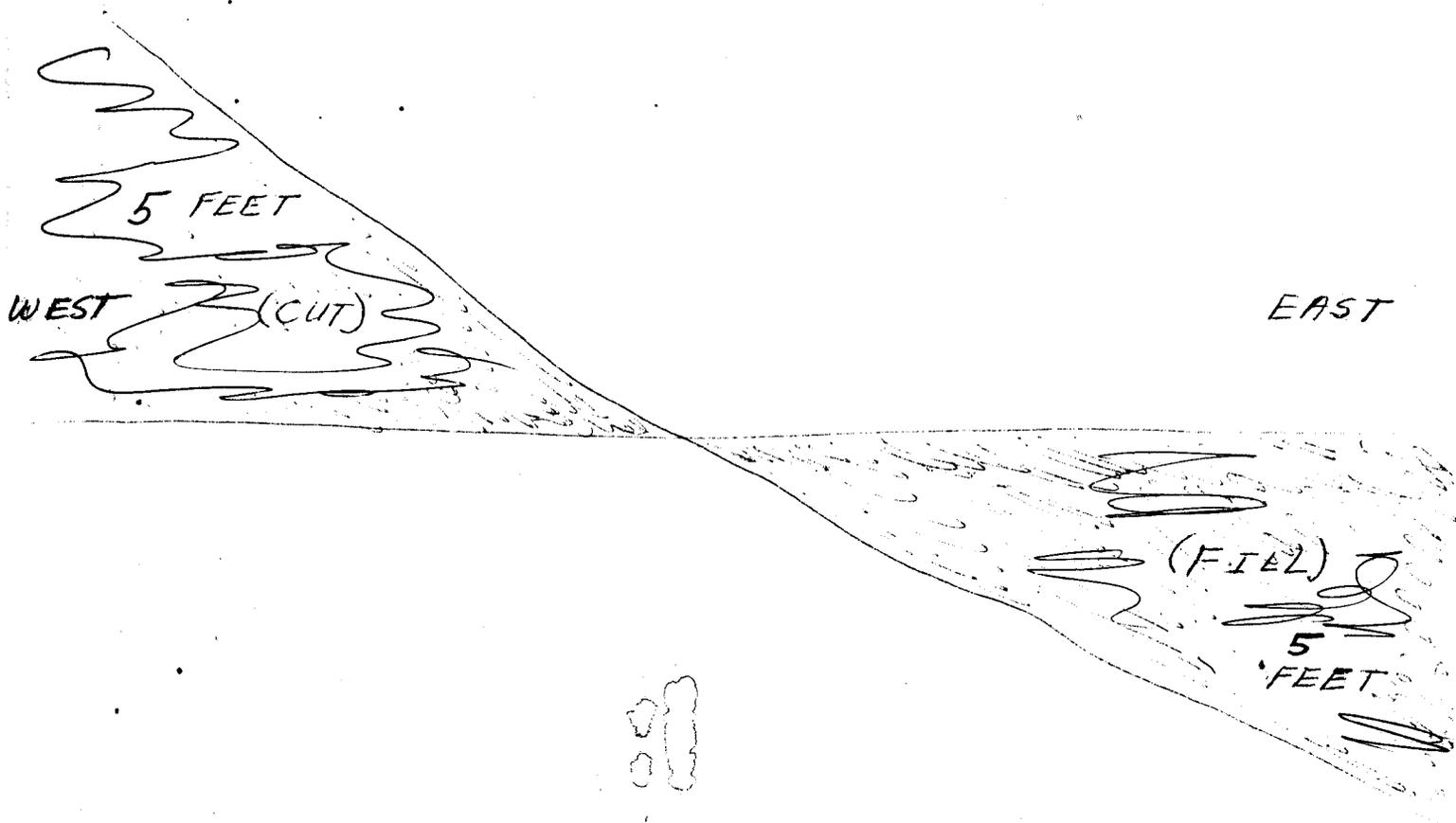
1 inch = 50 ft.

BOWERS OIL & GAS EXPLORATION INC.

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

EAST/WEST CROSS-SECTION

CUT/FILL DIAGRAM



NOT DRAWN TO SCALE

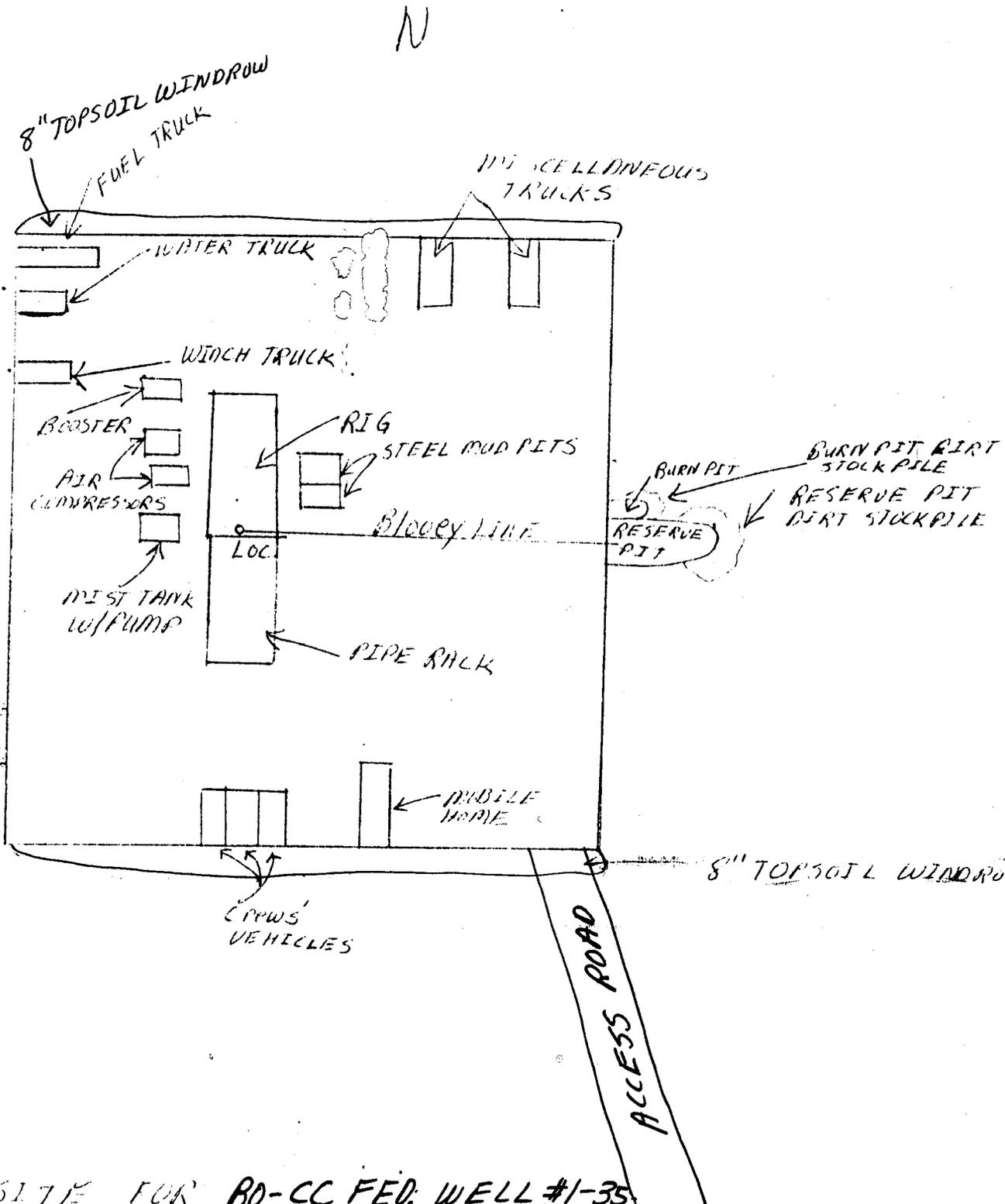
BOWERS OIL & GAS EXPLORATION INC.

P.O. BOX 636

GRAND JUNCTION, CO. 81502

BUS: 303-245-1342

RES: 303-242-6311



WELL SITE FOR BO-CC FED. WELL #1-35

SCALE = 1 in. = 50 FT



# DESIGNATION OF OPERATOR

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

DISTRICT LAND OFFICE:

SERIAL NO.:

U-7989/U-30700 (Part of Communitization 9B-001641)

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, SLB&M, Grand County, Utah

Section 35: NE $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$

Section 26: SW $\frac{1}{4}$ SE $\frac{1}{4}$ , SW $\frac{1}{4}$

TOTAL 400.0 Acres

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.

CCCo

by:

Dean Christensen Pres  
ADAK ENERGY CORPORATION

by:

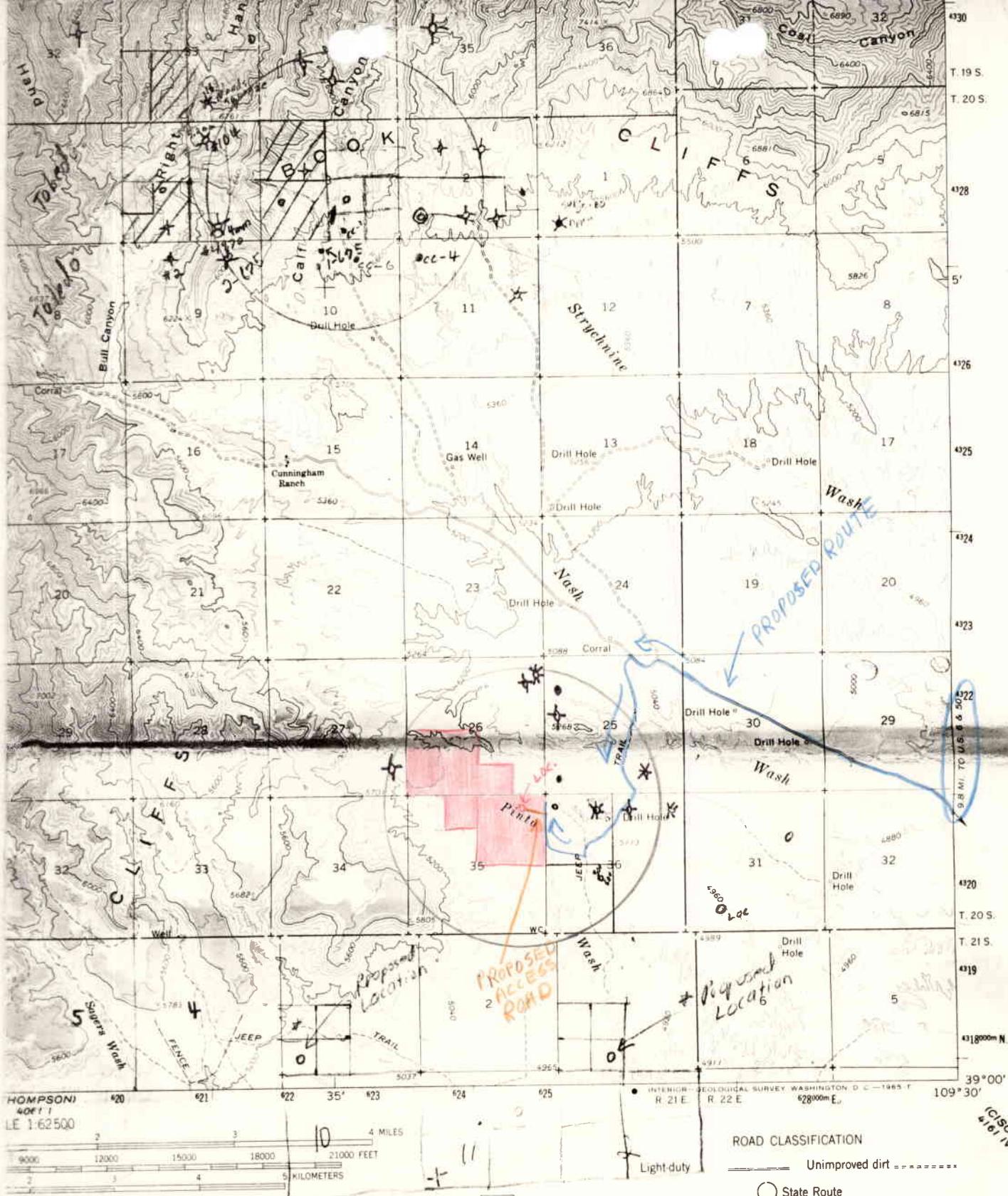
Dean Christensen Pres  
(Signature of lessee)

3964 South State Street  
Salt Lake City, Utah 84107

(Address)

4 Nov 81

(Date)



INTERVAL 80 FEET  
PRESENT 40-FOOT CONTOURS  
MEAN SEA LEVEL

NATIONAL MAP ACCURACY STANDARDS  
DENVER 25, COLORADO OR WASHINGTON 25, D. C.  
MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

**QUAHADA ENGINEERING INC.**

Sales and Service  
302 South 12th Street Phone 245-3450  
Grand Junction, Colorado 81501

Area shaded in red is the lease on which this well will be drilled.  
**SEGO CANYON, UTAH**  
N3900—W10930/15

1963  
AMS 4062 II—SERIES V797

(CISCO)  
4 of 14

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

5. LEASE DENIGATION AND SERIAL NO.

U-7989

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.

BO-CC Fed. 1-35

10. FIELD AND POOL, OR WILDCAT

Greater Cisco Area

11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA

Sec. 35, 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

SINGLE ZONE

MULTIPLE ZONE

2. NAME OF OPERATOR

Bowers Oil and 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

505 ft. FLN, 909 ft. FEL (NENE)

At proposed prod. zone

same as at surface

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

15 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)

505 ft.

16. NO. OF ACRES IN LEASE

400

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.

N/A

19. PROPOSED DEPTH

3050 ft.

20. ROTARY OR CABLE TOOLS

Rotary

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

5099 ft. (GR)

22. APPROX. DATE WORK WILL START\*

December 15, 1981

23.

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
6 3/4" to top of Dak.	4 1/2"	9.5# or 10.5#	3050 ft.	140 SK. RFC
6 1/4" Dak. top to TD				

SEE ATTACHMENTS

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 E. W. Guynn TITLE President DATE 11/17/81

(This space for Federal or State office use)

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

APPROVED BY [Signature] for E. W. Guynn District Oil & Gas Supervisor DATE JAN 11 1982

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

\*See Instructions On Reverse Side

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 11/80

State 090

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

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Bowers Oil and Gas Exploration  
Project Type Gas Well - Development  
Project Location 505' FNL & 909' FEL - Sec. 35, T. 20S, R. 21E  
Well No. 1-35 Lease No. U-7989  
Date Project Submitted November 23, 1981

FIELD INSPECTION

Date December 22, 1981

Field Inspection  
Participants

- Craig Hansen - USGS, Vernal
- Elmer Duncan - BLM, Moab
- Kevin Cleary - BLM, Moab
- Jim Bowen - Bowers Oil and Gas

Related Environmental Documents: \_\_\_\_\_

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.

12-24-81  
Date Prepared

*[Signature]*  
Environmental Scientist

I concur  
JAN 06 1982  
Date

*[Signature]*  
District Supervisor

FOR E. W. GYNN  
DISTRICT OIL & GAS SUPERVISOR

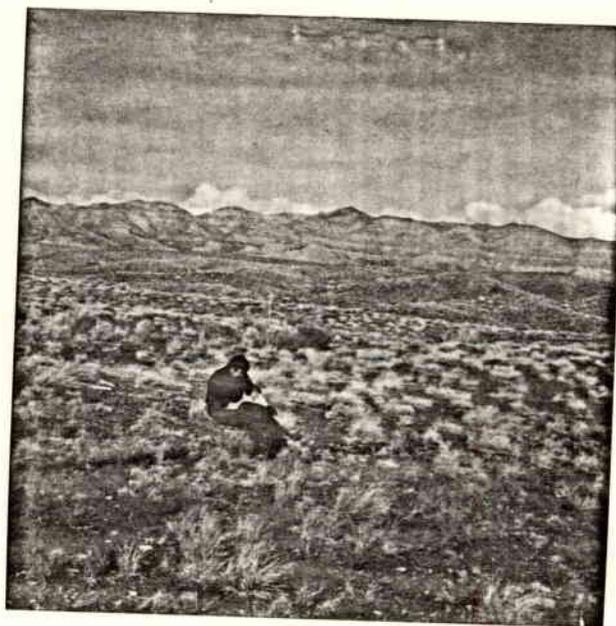


CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey  
(Conservation Division, Geological Division, Water Resource Division,  
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement

RECOMMENDED STIPULATIONS FOR BOWERS OIL AND GAS EXPLORATION WELL #1-35:

1. Production facilities will be painted a color to blend in with the natural surroundings.
2. Topsoil will be placed on the north edge of the location.
3. A trash cage will be used instead of a burn pit to reduce garbage on the location.
4. Operator must adhere to BLM stipulations.



Bowers OIL & GAS  
#1-35



# United States Department of the Interior

IN REPLY REFER TO

3109  
(U-068)  
U-7989

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

DEC 29 1981

## Memorandum

To: Oil and Gas Office  
USGS Conservation Division  
P.O. Box 1037  
Vernal, Utah 84078

From: Area Manager, Grand

Subject: Bowers Oil and Gas Exploration, Inc.  
BO-CC Fed. 1-35  
Sec. 35, T. 20 S., R. 21 E., SLB&M  
Grand County, Utah

On December 22, 1981 a representative from this office met with Cody Hansen, USGS, and Jim Bowen, agent of 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 and Gas Exploration, Inc.

Enclosures: (4)  
1-Reclamation Procedures  
2-Seed Mixture  
3-Suggested Colors - Production Facilities  
4-Class III Road Survey and Design

ADDITIONS TO THE MULTIPPOINT  
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. The road upgrading will be in compliance with the enclosed right-of-way stipulations.

New road construction on lease will be limited to an allowable travel surface width of 16 feet, with a total disturbed width of 20 feet. For construction design and survey refer to Class III road standards attachment.

Topsoil will be saved along the route and windrowed along the north side of the road.

Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

Surfacing material will not be placed on the access road or location without prior BLM approval.

6. Pad size will be 150 feet wide by 200 feet long. Pit(s) will be adjacent to the pad, 40 feet long by 15 feet wide by 8 feet deep.
7. The top 12 inches of soil material will be removed from the location and windrowed along the north end 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 inch lifts, machinery compacted, and sufficiently wide for equipment to pass over. Pit(s) will be fenced with 32 inch high woven wire with one strand of barbed wire along the top. Pit(s) will be fenced on 3 sides prior to drilling, and on the fourth sides prior to rig removal.

## 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. Any remaining stockpile of topsoil will be seeded in place using the prescribed seed mixture.
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.

## 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 12 inches. Do not smooth pads out, leave a roughened surface.
7. Seed will be (broadcast/drilled) 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 use.
9. Waterbars will be used as needed on all sloping surfaces as shown below:

<u>Grade</u>	<u>Spacing</u>
2%	200 feet spacing
2-4%	100 feet spacing
4-5%	75 feet spacing
+5%	50 feet spacing

SEED MIXTURE

<u>Species</u>		<u>Rate</u> <u>lbs/acre</u>
<u>Grasses</u>		
Oryzopsis hymenoides	Indian rice grass	1
Hilaria jamesii	Curley grass	1
Elymus salinus	Wildrye	1
<u>Forbs</u>		
Sphaeralcea coccinea	Globemallow	1
<u>Browse</u>		
Atriplex nuttallii	Nuttall saltbush	1
Ceretoides lanata	Winterfat	1
Ephedra nevadensis	Mormon tea	<u>1</u>
	Total	7

Seed in the fall (October - December)

Broadcast seed at two (2) times the pounds per acre shown above.



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT

IN REPLY REFER TO

## SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

### Cisco Desert and Flats below the Bookcliffs:

Dynasty Green	(Sears)
Tumbleweed	(Pratt & Lambert)
Desert Tan	-----
Sage Gray	(Pratt & Lambert)

### Bookcliffs Region:

Sage Gray	(Pratt & Lambert)
Sea Life	(Pratt & Lambert)
Dynasty Green	(Sears)

Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.

\*\* FILE NOTATIONS \*\*

DATE: 12-4-81  
OPERATOR: Bowers Oil & Gas Exploration, Inc  
WELL NO: BO-CC Fed. 1-35  
Location: Sec. 35 T. 205 R. 21E County: Grand

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

API Number 43-019-30886

CHECKED BY:

Petroleum Engineer: M. J. Munder 12-9-81

Director: \_\_\_\_\_

Administrative Aide: As per Order Below,

APPROVAL LETTER:

Bond Required:  Survey Plat Required:

Order No. 102-16B, 9-26-79 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.

December 9, 1981

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

RE: Well No. BO-CC Fed. 1-35  
Sec. 35, 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. 102-16B, dated September 26, 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-3-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 is assigned to this well is 43-019-30886.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight  
Director

DBF/as  
cc: OGM



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

September 22, 1982

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

Re: Well NO. BO-CC Fed. #1-35  
Sec. 35, T. 20S, R. 21E.  
Grand County, Utah

Gentlemen:

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

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill 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

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

Cari Furse  
Clerk Typist

CF/cf

**BOWERS OIL & GAS EXPLORATION INC.**

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

**RECEIVED**

SEP 30 1982

DIVISION OF  
OIL, GAS & MINING

September 27, 1982

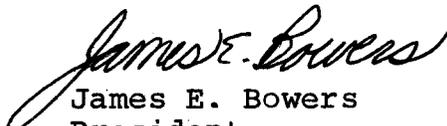
State Of Utah  
Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

Attention: Cari Furse

Dear Cari:

In reference to your letter of September 22, 1982, we have dropped the Well No. BO-CC Fed. #1-35, Sec. 35, T20S, R21E, Grand County, Utah from our drilling program.

Sincerely,

  
James E. Bowers  
President

JEB:ddj

Oil and Gas Operations  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

January 26, 1983

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

Re: Rescind Application for Permit to  
Drill  
Well No. 1-35  
Section 35, T.20S., R.21E.  
Grand County, Utah  
Lease U-7989

Gentlemen:

The Application for Permit to Drill the referenced well was approved on January 11, 1982. Since that date no known activity has transpired at the approved location. Under District policy, applications for permit to drill are effective for a period of one year. In view of the foregoing this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of the well will be rehabilitated. A schedule for this rehabilitation must then be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

(ORIG. SGD.) W. P. MARTENS  
Drilling Unit Supervisor

 E. W. Guynn  
District Oil and Gas Supervisor

bcc: SMA  
State O&G ✓  
State BLM  
Vernal  
Well File  
APD Control

WPM/kr