

FILE NOTATIONS

Entered in NID File
Location Map Pinned
Card Indexed

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

11 Completed

Location Inspected

Land released

State or Fee Land

SIWU ✓ ... OS..... PA.....

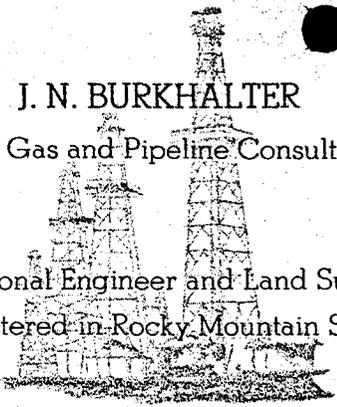
LOGS FILED

Driller's Log ✓.....
Electric Logs (No.) ✓.....
E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... MI-L..... Sonic.....
CBLog..... CCLog..... Others.....

J. N. BURKHALTER

Oil, Gas and Pipeline Consultant

Professional Engineer and Land Surveyor
Registered in Rocky Mountain States



James Bowers
245-1342

0270 Rockledge Drive
Glenwood Springs, Colo. 81601
Telephone 303/945-6976

December 6, 1977

Mr. Edgar W. Guynn
District Engineer
United States Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138



Re: Bowers Federal Well #1-7
SESWNE Sec. 7, T20S, R24E
Grand County, Utah

Dear Mr. Guynn:

Herewith, in triplicate, is the Application for Permit to Drill for the above referenced well.

I believe you will find everything in order, but if there is something remiss, please contact me at your earliest convenience.

You will note that this well is closer than 200' to the North-South $\frac{1}{4}$ line of the NE $\frac{1}{4}$ Sec.7. This well was located to be as close as legally possible to the well in the NW $\frac{1}{4}$ Sec.8, T20S, R24E. Due to the fickle geology of the Cisco area, we feel we must locate as close as legally possible to production in order to enhance our chances of discovery. We, therefore, request that the location of Bowers Federal Well #1-7 be allowed as requested.

Very truly yours,

J. N. Burkhalter

JNB/sb
enc.

cc: Mr. Patrick L. Driscoll ✓

Mr. James E. Bowers

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

** FILE NOTATIONS **

8

Date: 12/12/77

Operator: J. E. Bowers

Well No: Bowers Federal 1-7

Location: Sec. 7 T. 20S R. 24E County: Grand

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API NUMBER: B-019-30417

CHECKED BY:

Administrative Assistant [Signature]

Remarks:

Petroleum Engineer [Signature]

Remarks:

Director _____

Remarks:

~~Disapproval~~
46' from a 1/4 1/4 line
Top close
Well moved 154' West
ok no w PLD

INCLUDE WITHIN APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 102-5

Surface Casing Change
to _____

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

O.K. Rule C-3

O.K. In _____ Unit

Other:

Letter Written/Approved
Approved - 12/24/77

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

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
U38364

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

Bowers Fed. #1-7

10. FIELD AND POOL, OR WILDCAT

Cisco Springs

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

SLB&M

seswne sec. 7, t20s, r24e

12. COUNTY OR PARISH

13. STATE

Grand County Utah

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 "APPLICATION FOR PERMIT" for such proposals.)

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

James E. Bowers

3. ADDRESS OF OPERATOR

Mail- PO Box 636, Grand Junction, CO., 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)

At surface

seswne sec. 7, t20s, r24e, Grand County, Utah

1366 ft. FEL, 2340 FNL

14. PERMIT NO.

Not yet issued

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

4648 GR

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

We propose to set 150 ft. of surface casing rather than 200 ft. as originally proposed in our Application for Permit to Drill.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: **12/22/77**

BY: **C. B. Foyt**

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

SIGNED

James E. Bowers

TITLE

DATE

16 Dec. 1977

(This space for Federal or State office use)

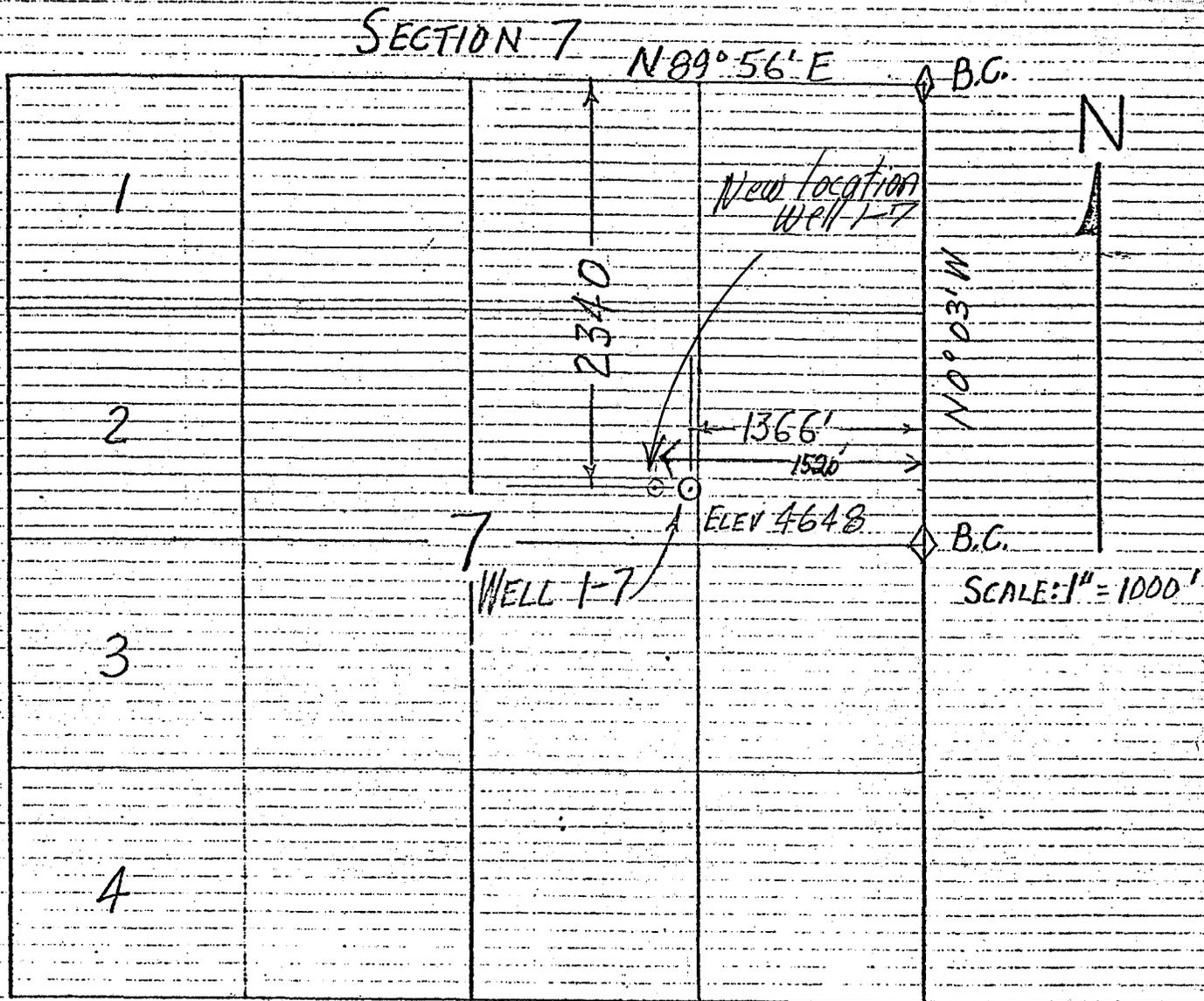
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

WELL-LOCATION
T20 S, R24 E, SLB & M



GRAND COUNTY, UTAH

J. N. Burkhalter
J. N. BURKHALTER, PE-LS
UTAH PROFESSIONAL ENGINEER No. 4187

J.N. BURKHALTER, PE-LS
PLAT SHOWING LOCATION
OF BOWERS FEDERAL WELL
No. 1-7, GRAND COUNTY,
UTAH,
NOVEMBER 30, 1977

J. N. BURKHALTER

Oil, Gas and Pipeline Consultant

Professional Engineer and Land Surveyor
Registered in Rocky Mountain States

0270 Rockledge Drive
Glenwood Springs, Colo. 81601
Telephone 303/945-6976

BOWERS FEDERAL WELL NO. 1-7
SESWNE Sec.7, T20S, R24E, SLB&M

Grand County, Utah

SURFACE USE PLAN

Geographical: 8 miles northeast of Cisco, Utah.

Terrain: Flat Mancos shale.

Vegetation: Sage brush.

Surface Water: None. This is dry, desolate, desert country.

1. Existing Roads: Existing roads are 15-18 feet wide, with native ground as surface material. This is primarily Mancos shale with a little Cretaceous gravel in some places.

Bowers Federal Well No. 1-7 is located North of the East Cisco Exit of I-70.

The included map shows all access roads and roads within a several mile radius of the location.

There are no immediate plans for improvement of existing roads. If commercial production is found and road improvement is needed, it will be considered at the appropriate time.

2. Planned Access Roads: The map indicates all necessary access roads be constructed which will be to the same physical characteristics as existing roads - 15-18 feet wide with native Mancos shale as surface with maximum grades not to exceed 3-4%. There will be no culverts required and no major cuts and fills required for access to the well applied for. No fence cuts or cattle guards will be required.
3. Location of Existing Wells: As you can see from the map, existing wells have been located upon the map. The status of the wells is generally indicated on the map by the manner in which the well is marked. There are no water wells or disposal wells.

The well applied for in this application has been referenced in two directions with reference stakes set at 150 feet in two directions giving a total reference of 300 feet for the well.

4. Location of Existing and/or Proposed Facilities:

- a) There are no tank batteries off of well locations within a one mile radius of the proposed location. Gas gathering lines are indicated on the attached map. All lines in the area are surface lines.
- b) If production is found, storage facilities will be located on the location. If gas is discovered in commercial quantities, necessary pipelines will be applied for at that time.

Complete protective measures such as fences will be used to protect livestock and wildlife in the area.

- c) Rehabilitation of all disturbed areas no longer needed after construction is completed will be returned to smooth contour and all debris will be cleaned up. All pits will be covered and cleaned up after drill operations. Those pits required for production will be fenced.

5. Location and Type of Water Supply: Water will be acquired either from Cisco Springs, which is about 5 miles West of the proposed well location, or from the Colorado River, which is about 5 miles Southeast of Cisco, Utah. Water will be transported by truck. Existing roads will be used to transport water.

No water well will be drilled on the lease.

6. Source of Construction Materials: No construction materials such as sand, gravel, stone and soil will be used other than that found in the native location.

In the event that tanks and production equipment are required, gravel will be hauled from Grand Junction, Colorado or Moab, Utah to set tanks on. This gravel will be purchased from private enterprise.

7. Methods for Hauling Waste Disposal:

- a) Cuttings - The hole will be 90% air drilled and cuttings will be blown out on the ground. These cuttings will be smoothed out and integrated into the native ground surface.
- b) Drilling Fluids - Will be contained in steel mud tanks. A dirt pit will be dug to contain excess flow out of the well during cementing and completion operations. Of course, these pits will be cleaned up and covered up.

- c) Produced Fluids such as Oil and Water - Will be properly disposed of with oil being stored in tanks and water being diverted to the pit and disposed of as required.
 - d) Sewage - A chemical toilet will be provided on the location for use by personnel.
 - e) Garbage and Other Waste Material - Will be contained in 30 gallon galvanized garbage cans and hauled off the location, or buried in a fenced pit.
 - f) As stated before, the entire well site area will be properly cleaned up and restored to smooth contour when the rig moves out. Only that part of the location required for production operations will be kept in use. In the event of a dry hole, the only appurtenance left at the location will be the required dry hole marker.
- 8.. Ancillary Facilities: There will be no camps or air strips required for this drilling operation.
9. Well Site Layout: A plat on a scale of 1" = 40' is included with the application showing location and orientation of the drilling rig, mud tanks, reserve pit, pipe racks and other appurtenances to the operation. For the time being pits will be unlined as allowed by present law. The only water introduced into these pits will be fresh water used in the drilling operation.
10. Plans for Restoration of Surface: As stated before, the entire location will be restored to smooth contour. Also stated, the vegetation in this desert area is extremely sparse and it is quite doubtful that revegetation would be practical at all.
- It is intended to have all locations cleaned up within 30 days after operations are concluded.
11. Other Information:
- a) The topography of these locations near Cisco, Utah is a very gentle rolling, flat characteristic. The soil is raw Mancos shale with extremely sparse vegetation. A few coyotes, prairie dogs and cottontail rabbits occupy the entire area.
 - b) The only other surface use activities other than petroleum exploration in the area is in spring grazing of the sparse vegetation by cattle and sheep.
 - c) The proximity of water has been described at Cisco Springs, (about 5 miles west.) or at the Colorado River which is about 5 miles southeast of Cisco, Utah. The only occupied dwellings are at Cisco, Utah, which has been located already. There will be no disturbance to archeological, historical or cultural sites by drilling the applied-for well in the present application. The land is under the jurisdiction of the Bureau of Land Management.

12. Operator's Representative:

J. N. Burkhalter
0270 Rockledge Drive
Glenwood Springs, Colorado 81601
(303) 945-6976
Mobile (303) 245-3660, Unit 472

13. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by _____ and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

12/6/77

Date

J. N. Burkhalter

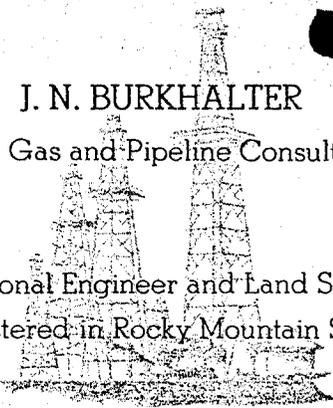
J. N. Burkhalter, PE-LS
Consulting Engineer

J. N. BURKHALTER

Oil, Gas and Pipeline Consultant

Professional Engineer and Land Surveyor

Registered in Rocky Mountain States

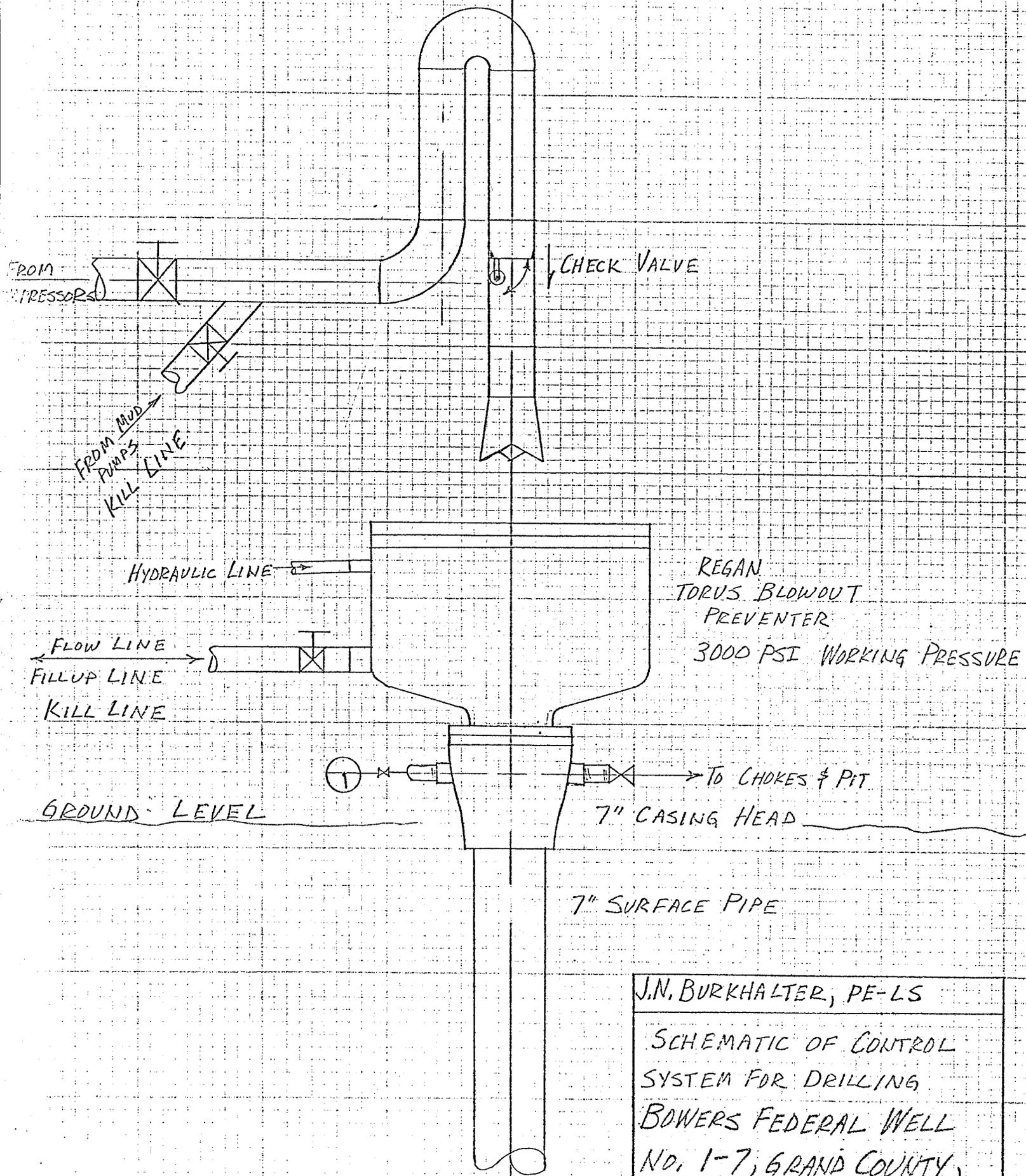


0270 Rockledge Drive
Glenwood Springs, Colo. 81601
Telephone 303/945-6976

Re: Bowers Federal Well No. 1-7
SESWNE Sec.7, T20S, R24E, SLB&M
Grand County, Utah
Lease: U-38364

PRESSURE MONITORING AND CONTROL DATA
SEVEN POINT PLAN

1. Surface Casing: Set at 200'
Size 7"
Weight 17#
Length Range 2
Grade J-55 new. Tested to 3000 psig.
2. Casing Heads:
Series 600 - 1500 psi working pressure.
3. Production Casing:
Size 4½"
Weight 10.5 lb.
Length Range 3
Grade J-55, new, tested to 3000 psig.
4. Pressure Control:
BOP Regan Torus BOP
Series 600 - Tested to 3000 psig
Rams One Size fits all - even blind.
Will use fill, kill and choke lines.
5. Auxiliary Pressure Control:
 - a. Kelly cocks.
 - b. Check valve at bit.
 - c. Monitoring equipment on mud system.
 - d. A sub on floor with a full opening valve to be stabbed into drill pipe when Kelly is out of string.
6. Anticipated Bottom Hole Pressure:
800 psig.
7. The Type of Drilling Fluid:
Air until gas encountered.
Mud up with Polymer mud with NaCl and CaCl₂ as weighting agent -
10.5 to 11.00 lb. per gal. as required.

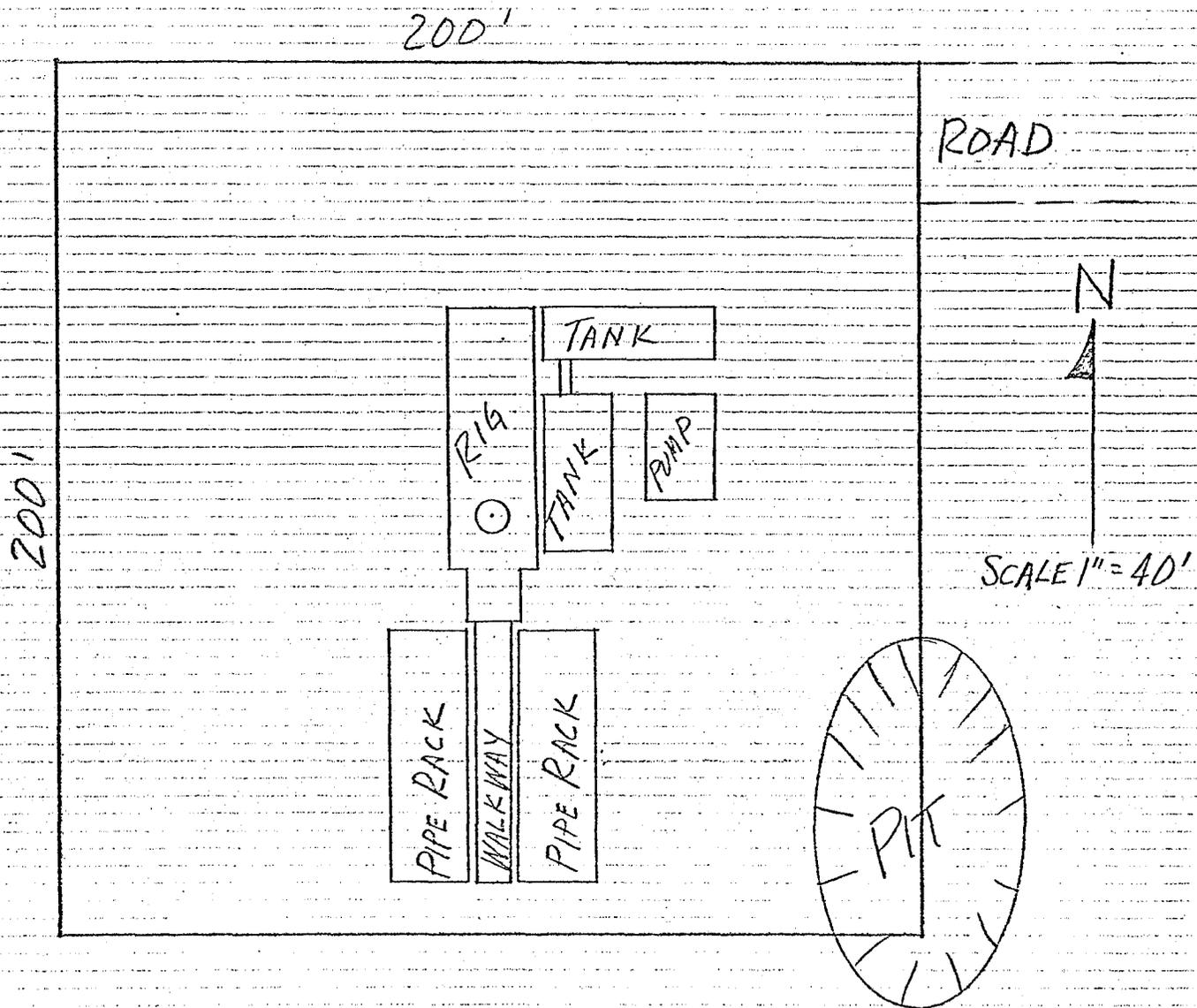


J.N. BURKHALTER, PE-LS

SCHEMATIC OF CONTROL SYSTEM FOR DRILLING BOWERS FEDERAL WELL NO. 1-7, GRAND COUNTY, UTAH.

PROPOSED ROAD LOCATION

SITE LAYOUT



SE SW NE SEC 7
T20S, R24E, SLB & M
GRAND COUNTY, UTAH

J.N. BURKHALTER, PE-LS
PROPOSED ROAD LOCATION
SITE LAYOUT
BOWERS FEDERAL WELL
NO. 1-7

PORTION OF DANISH
FLAT, UTAH QUAD

PATSANTA
4

BM
4699
+1-6
EL 4695

17
EL 4648
FLAT

AGATE
OIL FIELD

HEWITT
16

ANSCHUTZ
21

20

19

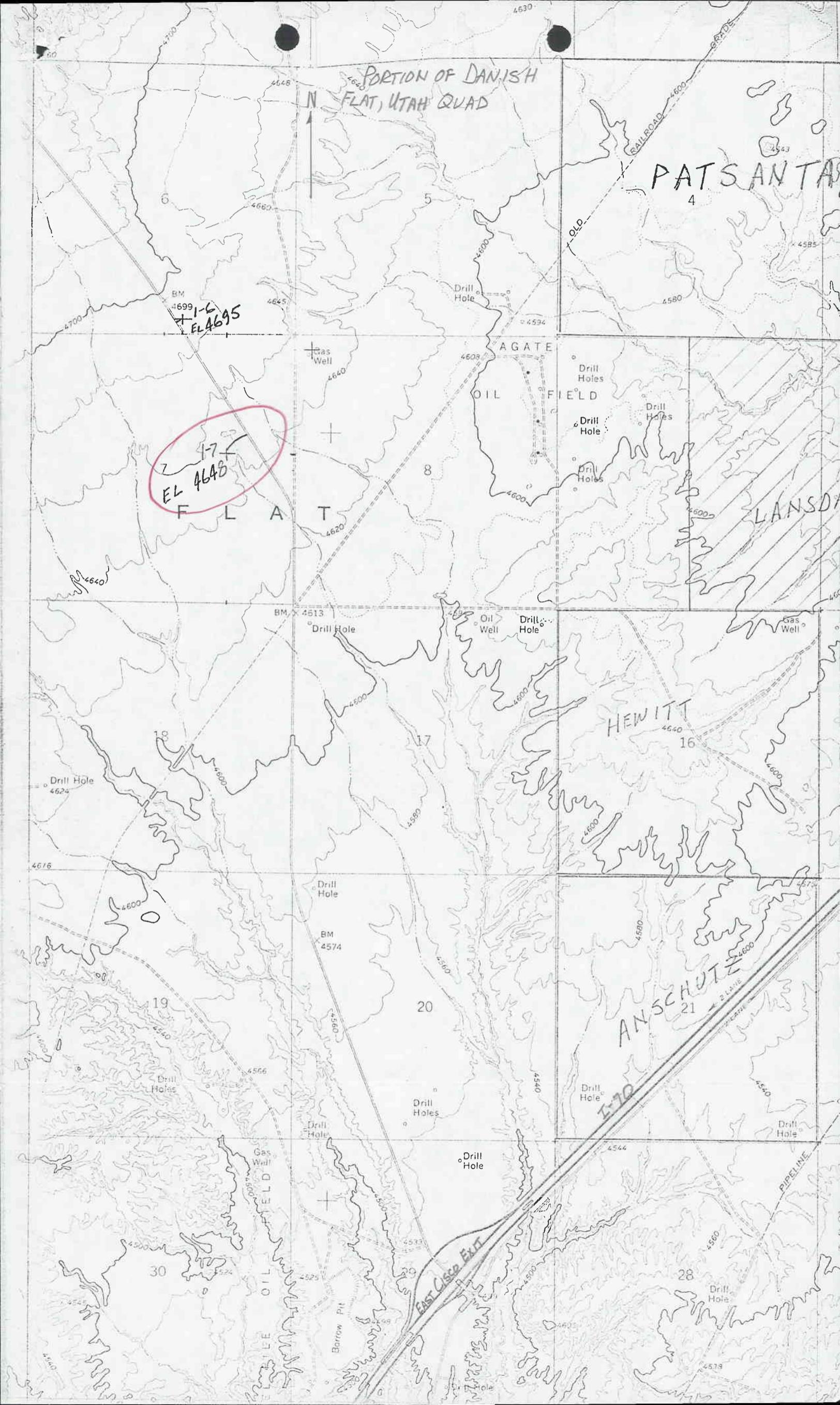
30

28

WILE OIL FIELD

EAST CREEK EXIT

PIPELINE



U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
James E. Bowers # 1-7	1366' FEL, 2340 FNL, S. 7T20SR24E SLM, GRAND CO, UTAH GREL 46481	U-38364
<p>1. Stratigraphy and Potential Oil and Gas Horizons. <i>Surface rocks are of the Mancos Shale</i></p> <p><i>Testing the Dakota 1450' - possible gas</i> <i>Morrison 1600'</i> <i>Salt wash 1800' - possible gas</i></p> <p>2. Fresh Water Sands.</p> <p><i>WRD report on page 2.</i></p> <p>3. Other Mineral Bearing Formations. (Coal, Oil Shale, Potash, Etc.)</p> <p><i>Coal may occur in the Dakota fm.</i></p> <p>4. Possible Lost Circulation Zones.</p> <p><i>Unknown.</i></p> <p>5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs.</p> <p><i>Unknown.</i></p> <p>6. Possible Abnormal Pressure Zones and Temperature Gradients.</p> <p><i>Unknown.</i></p> <p>7. Competency of Beds at Proposed Casing Setting Points.</p> <p><i>Probably competent.</i></p> <p>8. Additional Logs or Samples Needed. <i>Density, S-P logs.</i></p> <p>9. References and Remarks <i>None.</i></p>		

Date: 12-13-77

Signed: emp

December 14, 1977

James E. Bowers
P.O. Box 636
Grand Junction, Colorado 81501

Re: Well No. Bowers Federal 1-7
Sec. 7, T. 20 S, R. 24 E,
Grand County, Utah

Gentlemen:

This Division is unable to administratively approve the drilling of the above referred to well without a hearing before the Board of Oil, Gas, and Mining.

As said well is to be located less than 200' from the boundary of a legal subdivision comprising a governmental quarter-quarter section, it does not conform to Field Rule 2-2 of the Order issued in Cause No. 102-5, dated November 2, 1964.

Should you have any questions relative to the above, please do not hesitate to call or write.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

PATRICK L. DRISCOLL
Chief Petroleum Engineer

/sw
cc: U.S. Geological Survey

W

JAMES E. BOWERS

OIL & GAS EXPLORATION
P.O. BOX 636
GRAND JUNCTION, CO. 81501

BUS. 303-245-1342
RES. 303-242-6311

alg.

16 December, 1977

D

P

Mr. Edgar W. Guynn
District Engineer
United States Geological Survey
8440 Federal Building
Salt Lake City, Utah, 84138

Re: (1) Bowers Federal Well #1-6
swwse sec. 6, t20s, r24e
Grand County, Utah
(2) Bowers Federal Well #1-7
seswne sec. 7, t20s, r24e
Grand County, Utah

Dear Mr. Guynn:

Enclosed are two (2) Sundry Notices concerning our change of plans, with regard to the amount of surface casing to be set, on the two (2) captioned wells.

Sincerely yours,

James E. Bowers

James E. Bowers

cc: Mr. Patrick L. Driscoll

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

U- 38364

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

Bowers Fed. #1-7

10. FIELD AND POOL, OR WILDCAT

Cisco Springs

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

sec. 7, t20s, r24e, SLB 2

12. COUNTY OR PARISH

Grand

13. STATE

Utah

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
James E. Bowers

3. ADDRESS OF OPERATOR
Mail- PO Box 636, Grand Junction, CO., 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
seswne sec. 7, t20s, r24e, Grand County, Utah
"original location" - 1366 ft. FEL, 2340 PNL

14. PERMIT NO.
Not yet issued

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4648 GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.) *I plan to move my well location 154 ft. due West from my "original location". I will use a tape to measure the distance. I will estimate, using my North, South reference stakes, a westerly direction.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: 12/21/77

BY: C.B. Feight

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

SIGNED James E. Bowers

TITLE

DATE 16 December 1977

(This space for Federal or State office use)

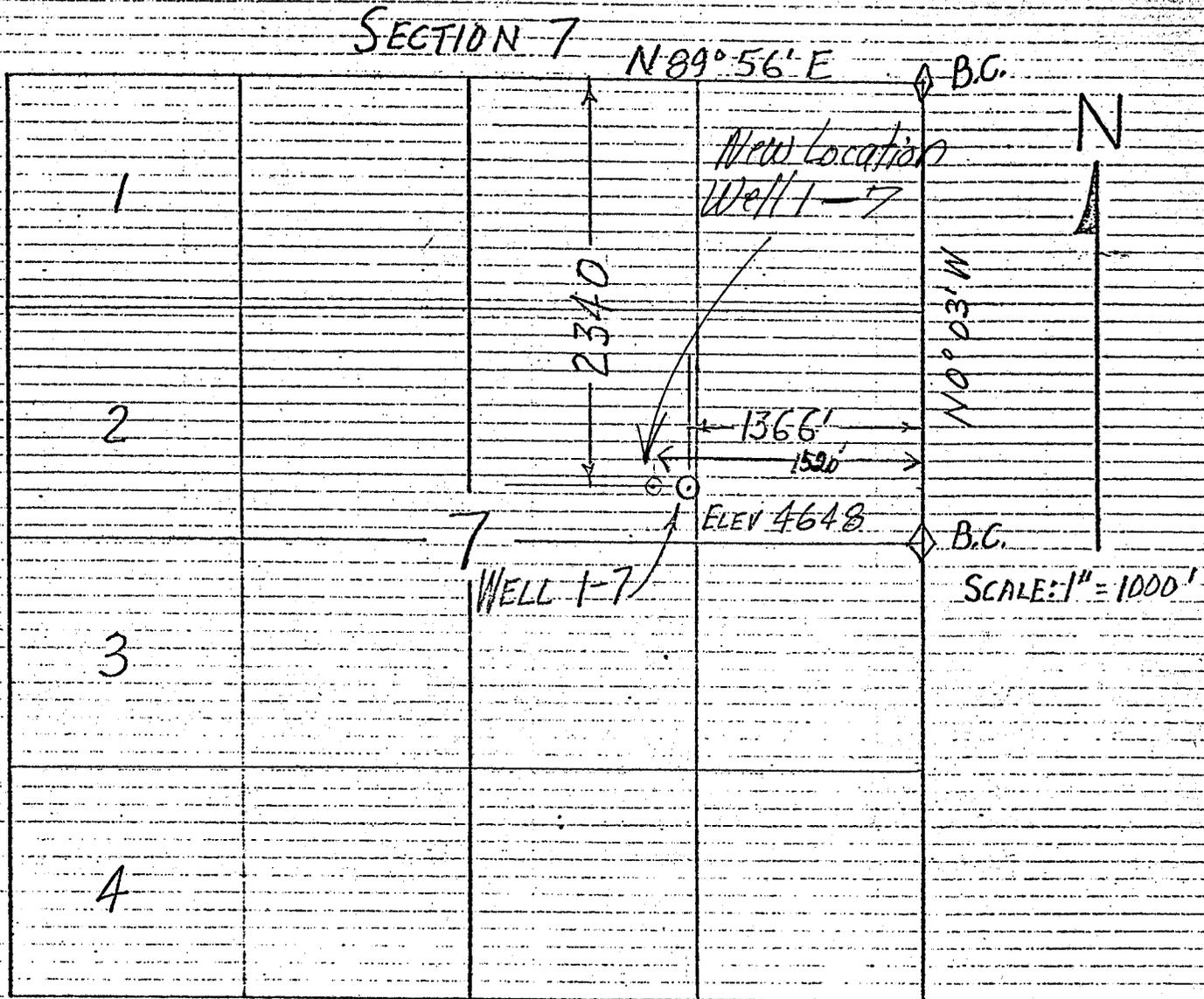
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

WELL LOCATION
T20 S, R24 E, SLB & M



GRAND COUNTY, UTAH

J. N. Burkhalter
J. N. BURKHALTER, PE-LS
UTAH PROFESSIONAL ENGINEER No. 4187

J.N. BURKHALTER, PE-LS
PLAT SHOWING LOCATION
OF BOWERS FEDERAL WELL
No. 1-7, GRAND COUNTY,
UTAH,
NOVEMBER 30, 1977

LEASE U-38364

DATE Dec 15, 77

WELL NO. Bower Federal 1-7

LOCATION: SW 1/4 NE 1/4, SEC. 7, T. 20S, R. 24E

FIELD Cisco Springs COUNTY Grand STATE Ut

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

I. PROPOSED ACTION

James E Bowers
(COMPANY)

PROPOSES TO DRILL AN OIL AND

GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 2000 FT. TD. 2) TO CONSTRUCT A

DRILL PAD 200 FT. X 200 FT. AND A RESERVE PIT 80 FT. X 50 FT.

3) TO CONSTRUCT 18 FT. WIDE X 700' MILES ACCESS ROAD AND UPGRADE ~~1/2~~

~~FT. WIDE X~~ ~~MILES ACCESS ROAD~~ FROM AN EXISTING AND IMPROVED ROAD. TO CONSTRUCT

GAS OIL PRODUCTION FACILITIES ON THE DISTURBED AREA FOR THE DRILL PAD

NOT KNOWN AT THIS TIME.

AND TRUCK TRANSPORT THE PRODUCTION THROUGH A PIPELINE TO A TIE-IN IN SECTION , T. , R.

2. LOCATION AND NATURAL SETTING (EXISTING ENVIRONMENTAL SITUATION).

(1) TOPOGRAPHY: ROLLING HILLS DISSECTED TOPOGRAPHY DESERT

OR PLAINS STEEP CANYON SIDES NARROW CANYON FLOORS DEEP DRAINAGE

IN AREA SURFACE WATER ~~at~~ Gentle slope to Flat area

(2) VEGETATION: SAGEBRUSH PINION-JUNIPER PINE/FIR FARMLAND

(CULTIVATED) NATIVE GRASSES OTHER chadscale, some grasses, cacti.

Rehab recommended 1/6/acre Indian Rice or crested wheat - saltbush, chadscale. No mulch required.

seed drillings recommended. Store Surface 12" top Soil on N & S end of loc (recommended by Bmw)

(3) WILDLIFE: DEER ANTELOPE ELK BEAR SMALL
MAMMAL BIRDS ENDANGERED SPECIES OTHER NONE KNOWN

(4) LAND USE: RECREATION LIVESTOCK GRAZING AGRICULTURE
 MINING INDUSTRIAL RESIDENTIAL OIL & GAS OPERATIONS

REF: BLM UMBRELLA EAR
USFS EAR
OTHER ENVIRONMENTAL ANALYSIS

3. Effects on Environment by Proposed Action (potential impact)

1) EXHAUST EMISSIONS FROM THE DRILLING RIG POWER UNITS AND SUPPORT TRAFFIC ENGINES WOULD ADD MINOR POLLUTION TO THE ATMOSPHERE IN THE LOCAL VICINITY.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR VISUAL IMPACTS FOR A SHORT TERM DUE TO OPERATIONAL EQUIPMENT AND SURFACE DISTURBANCE.

4) TEMPORARY DISTURBANCE OF WILDLIFE AND LIVESTOCK.

5) MINOR DISTRACTION FROM AESTHETICS FOR SHORT TERM.

6)

4. Alternatives to the Proposed Action

1) NOT APPROVING THE PROPOSED PERMIT -- THE OIL AND GAS LEASE GRANTS THE LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL OIL AND GAS DEPOSITS.

2) DENY THE PROPOSED PERMIT AND SUGGEST AN ALTERNATE LOCATION TO MINIMIZE ENVIRONMENTAL IMPACTS. NO ALTERNATE LOCATION ON THIS LEASE WOULD JUSTIFY THIS ACTION.

3) LOCATION WAS MOVED _____ TO AVOID _____
 LARGE SIDEHILL CUTS NATURAL DRAINAGE OTHER _____

4) Note: that well is 46' from 1/4 line. A move to 200' would not introduce major environmental factors however site is flat as staked.

5. Adverse Environmental Effects Which Cannot Be Avoided

1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM RIG ENGINES AND SUPPORT TRAFFIC ENGINES.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.

4) TEMPORARY DISTURBANCE OF LIVESTOCK.

5) MINOR AND SHORT-TERM VISUAL IMPACTS.

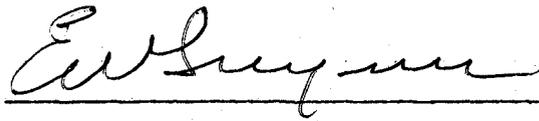
6)

6. DETERMINATION:

(THIS REQUESTED ACTION ~~DOES~~ (DOES NOT) CONSTITUTE A MAJOR FEDERAL ACTION SIGNIFICANTLY AFFECTING THE ENVIRONMENT IN THE SENSE OF NEPA, SECTION 102(2) (C).

DATE INSPECTED Dec 15, 77

INSPECTOR J. EVANS



U. S. GEOLOGICAL SURVEY
CONSERVATION DIVISION - OIL & GAS OPERATIONS
SALT LAKE CITY DISTRICT

JAMES E. BOWERS

OIL & GAS EXPLORATION
P.O. BOX 638
GRAND JUNCTION, CO. 81501

BUS. 303-245-1342
RES. 303-242-6311

19 December, 1977

Mr. Edgar W. Gynn
District Engineer
United States Geological Survey
8440 Federal Building
Salt Lake City, Utah, 84138

Re: Bowers Federal Well #1-7
seswne sec. 7, t20s, r24e
Grand County, Utah

Dear Mr. Gynn:

This letter is in reference to your letter to me dated 13 December 1977 and our subsequent conversation on 16 December 1977 concerning the fact the above captioned well location is too close to the $\frac{1}{4}$ line. Because the State has disapproved my APD, without a Board hearing, I have decided to relocate my drilling site. My new location will be moved 154 ft. west from my original location. Such a move will put the new location 200 ft. from the $\frac{1}{4}$ line as shown on the enclosed plat. I will use a tape to measure the 154 ft. and will estimate, using my north, south reference stakes, a westerly direction. Enclosed is a sundry notice for the change.

An onsite inspection has been made of the original location. Since the terrain, for the new location, is substantially the same as the original I do not believe there is any reason for another onsite inspection.

Sincerely yours,

James E. Bowers
James E. Bowers

enc.

cc: Mr. Patrick L. Driscoll

December 22, 1977

James E. Bowers
P.O. Box 636
Grand Junction, Colorado 81501

Re: Well No. Bowers Fed. 1-7
Sec. 7, T. 20 S, R. 24 E,
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 102-5.

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

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

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 43-019-30417.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

/sw

cc: U.S. Geological Survey



JAMES E. BOWERS

OIL & GAS EXPLORATION
P.O. BOX 636
GRAND JUNCTION, CO. 81501
BUS. 303-245-1342
RES. 303-242-6311

File

4 January 1978

Department of Natural Resources
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116
attn: Mr. Patrick L. Driscoll

Re: API numbers 43-019-
30417 Bower's Fed.
well 1-7 -T20S R24E,
Grand County, Utah.

Dear Mr. Driscoll:

This letter is in reference to your Division's approval of my location in sec. 7, T20S, R24E. This location was previously disapproved because the location was too close to the $\frac{1}{4}$ line. To remedy this problem I sent in a sundry notice to inform you I would move the location 154 ft. west. Along with this sundry notice I sent a sundry notice informing you of our plan to set 150 ft. of surface casing rather than 200 ft.

Your approval of the location in section 7 was made, I assume, because of the change of location I stated in my sundry notice. An approval of the sundry notice concerning the location change was not sent with the letter, however. The approval of the change of surface casing plans was sent and stamped "approved." Please inform me if your "Approval" is for my proposed location change and send me the approved sundry notice if it should have been sent.

We plan to drill the location in sec. 7 first. Mr. William Bush from Grand Junction is the drilling contractor. He will use his drilling rig #2.

Sincerely yours,

James E. Bowers
James E. Bowers

Ok - Sent "approved" Sundry Notice 1/11/78 JW

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
 James E. Bowers

3. ADDRESS OF OPERATOR
 P.O. Box 636, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
 At surface 1366' FEL, 2340' FNL
 At proposed prod. zone 1570' Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
 8 miles NE of Cisco, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 3000

16. NO. OF WELLS IN LEASE 320

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. None

19. PROPOSED DEPTH 2000

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4648 GR

22. APPROX. DATE WORK WILL START*
 Jan. 15, 1978

5. LEASE DESIGNATION AND SERIAL NO.
 U-38364

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

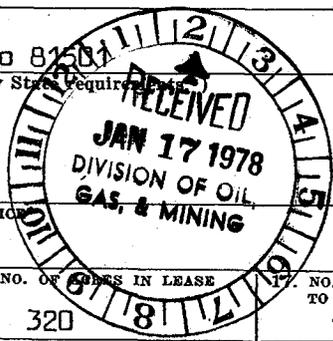
8. FARM OR LEASE NAME

9. WELL NO.
 Bowers Fed. 1-7

10. FIELD AND POOL, OR WILDCAT
 Cisco Springs

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 7, T20S, R24E, SLB&M

12. COUNTY OR PARISH 13. STATE
 Grand Utah



23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7"	17lb (new)	200 ft / 150'	40 sx Class G-Circulate
6 1/4"	4 1/2"	10.5 lb (new)	2000 ft	50 sx Dowell RFC

Propose to Test Salt Wash Member of Morrison Formation
 Surface Use Plan Attached: Note: Water Sands are not anticipated.
 Surface FMN - Mancos Shale
 Estimated Tops:

Dakota: 1450 Gas
 Morrison: 1600
 Salt Wash: 1800 Gas

Pressure Control: Schematic attached showing BOP, Kill Lines, Check Valves & Pressure Ratings, Seven Point Plan Attached.

Logging: IES-Gamma & FDC-CNL, No Coring Planned.

Hazards: Experience does not indicate that abnormal pressures or Hydrogen Sulfide will be encountered.

Starting Date: January 15, 1978, Ten Days Operating Time.

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 J. H. Berthelth TITLE Consulting Engineer DATE 12/5/77
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY (ORIG. SGD.) E. W. GUYNN TITLE DISTRICT ENGINEER DATE JAN 16 1978
 CONDITIONS OF APPROVAL, IF ANY:

State of Utah, Department of Natural Resources
 Division of Oil, Gas, and Mining
 1566 West North Temple
 SALT LAKE CITY, Utah 84116

NOTICE OF APPROVAL

*See Instructions On Reverse Side

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 Fed well # 1-7; API # 43-019-30417
OPERATOR James E. Bowers
Address PO Box 636, Grand Junction, CO, 81501
CONTRACTOR William G. Bush
Address 619 Viewpoint Drive, Grand Junction, CO, 81501
LOCATION SE^{SW} $\frac{1}{4}$ SW^{NE} $\frac{1}{4}$; Sec. 17; T. 20 ^N_S; R. 24 ^E_W
COUNTY Grand

WATER SANDS:

	DEPTH		VOLUME:		QUALITY:
	From -	to-	Flow Rate or Head -		Fresh or Salty -
1.	<u>1466</u>	<u>1410 1420</u>	<u>10 barrels/day</u>		<u>Salty</u>
2.					
3.					
4.					
5.					

(Continue on Reverse Side if Necessary)

FORMATION TOPS: Dakota 1405'
Cedar mt 1535'
Morrison 1630'

NOTE:

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

Salt Wash 1850'

JAMES E. BOWERS

OIL & GAS EXPLORATION
P.O. BOX 636
GRAND JUNCTION, CO. 81501
BUS. 303-245-1342
RES. 303-242-6311

CIRCULATE TO: *Mike T. only*
DIRECTOR _____
PETROLEUM ENGINEER _____
MINE COORDINATOR _____
ADMINISTRATIVE ASSISTANT _____
ALL _____
RETURN TO *Kathy A. (Well Records)* FOR FILING

1 February 1978

h/m

*Mr. Willis P. Martens
United States Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138*

Re: *Bowers Federal Well
1-7 SE/4 Sec. 7,
R24E Grand County, Utah*

Dear Mr. Martens:

*Enclosed is a report showing the encounter of water when
drilling the captioned well.*

Sincerely yours,

James E. Bowers
James E. Bowers

*enc.
cc: Mr. Patrick L. Driscoll*



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(FORM 9-329)
(2/76)

OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. 11-38364
Communitization Agreement No. _____
Field Name Cisco Springs
Unit Name _____
Participating Area _____
County Grand State Utah
Operator James E. Bowers
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of JAN., 19 78

(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
<i>Bowers Fr. well # 1-7</i>	<i>SE 1/4 SW 1/4</i>	<i>T.20S</i>	<i>R.34E</i>	<i>Waiting completion</i>	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>	<p>Well was spudded 17 Jan. TD was reached 28 Jan. Production casing was set and cemented by 29 Jan. We are currently waiting for a workover rig to finish completion work. TD is at 2080! The following are the formations, depths, and dates encountered:</p> <p>Dakota - 1405' - 21 Jan. Cedar Mountain - 1535' - 22 Jan. Morrison - 1630 - 22 Jan. Salt Wash - 1850 - 26 Jan.</p> <p>148' of 7" surface pipe set 2004' of 4" production casing set.</p> <p>Gas was encountered at 1535' Brackish water noted at 1405'</p>



*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>None</u>	<u>None</u>	<u>XXXXXXXXXXXXXXXXXX</u>

Authorized Signature: James E. Bowers Address: PO Box 136, Grand Junction, CO, 81501
Title: Operator

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(FORM 9-329)
(2/76)

OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

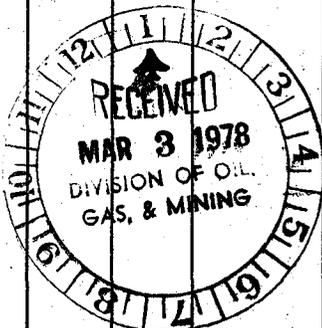
Lease No. U38364
Communitization Agreement No. _____
Field Name CISCO Springs
Unit Name _____
Participating Area _____
County Grand State Utah
Operator James E. Bowers
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of Feb., 19 78

(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
<i>Bowers Fed. well # 1-17</i>	<i>SWNE Sec. 17</i>	<i>T20S</i>	<i>R24E</i>	<i>Waiting completion</i>	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>	<i>Tires were set for workover rig to set up. I am still waiting for a workover rig to become available.</i>



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

Authorized Signature: James E. Bowers Address: PO Box 636, Grand Junction, CO, 81501
Title: Operator Page 1 of 1

MONTHLY REPORT
OF
OPERATIONS

Lease No. 71-038364
Communitization Agreement No. N/A
Field Name Cisco Springs
Unit Name N/A
Participating Area N/A
County Grand State Utah
Operator James E. Bowers
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of April, 19 78

(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
<i>Bowers Fed. well # 1-7</i>	<i>Sec. 17 SWNE</i>	<i>T20S</i>	<i>R24E</i>	<i>Awaiting final of complet- ion</i>	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>	<i>Well will not keep a flow thus am unable to obtain a test. We are working on a continuous test to remedy the problem. As soon as a test is made I will forward the form 9-330 (history & log of well)</i>



*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 2 barrels</u>
*Other (Identify)	<u>None</u>	<u>None</u>	<u>N/A</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: PO Box 136, Newblunden
Title: Operator Page 1 of N/A

DESIGNATION OF OPERATOR

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

DISTRICT LAND OFFICE: Moab, Utah
SERIAL NO.: U-38364

and hereby designates

NAME: Bowers Oil and Gas Exploration, Inc.
ADDRESS: P. O. Box 636, Grand Junction, CO 81501

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):

NE $\frac{1}{4}$ sec. 7, SE $\frac{1}{4}$ sec. 6, T20S R24E, SLB&M, Grand County, Utah (320 acres)

Excl 1-6

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.

James E. Bowers
.....
(Signature of lessee)

July 11, 1978

.....
(Date)

P. O. Box 636, Grand Junction, CO 81501

.....
(Address)

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

SUBMIT IN DUPLICATE*

(See instructions on reverse side)

Form approved.
Budget Bureau No. 42-E355.5.

7

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

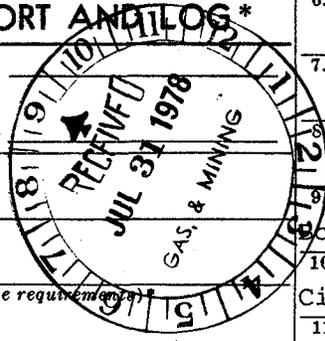
1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

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, CO 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 1366' FEL, 2340' FNL
At top prod. interval reported below Same as at surface
At total depth Same as at surface



5. LEASE DESIGNATION AND SERIAL NO.
Lease # - 71-038364
Serial # - U-38364

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

FARM OR LEASE NAME
N/A

9. WELL NO.
Bowers Fed. Well # 1-7

10. FIELD AND POOL, OR WILDCAT
Cisco Springs

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 7, T20S, R24E, SLB&M

14. PERMIT NO. 43-019-30417 **DATE ISSUED** 1-16-78

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

15. DATE SPUDDED 1-17-78 **16. DATE T.D. REACHED** 1-28-78 **17. DATE COMPL. (Ready to prod.)** 7-7-78

18. ELEVATIONS (DF, REB, BT, GR, ETC.)* 4648 GR **19. ELEV. CASINGHEAD** 4649

20. TOTAL DEPTH, MD & TVD 2080' **21. PLUG, BACK T.D., MD & TVD** 1850'-Bridge plug **22. IF MULTIPLE COMPL., HOW MANY*** N/A

23. INTERVALS DRILLED BY → **ROTARY TOOLS** 2080' **CABLE TOOLS** 0

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
1530-1540

25. WAS DIRECTIONAL SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma-ray Correlation, Induction Gamma-Ray; compensated density - neutron; Laser log

27. WAS WELL CORED
NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	17 lb.	148'	11"	50SX	
4 1/2"	9.5 lb.	2003'	6 1/2"	70SX Dowell RFC (10-2)	

29. LINER RECORD N/A

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1 1/2"	1560	N/A

31. PERFORATION RECORD (Interval, size and number)
1910' - 1918', 1934'-38', 2 shots/ft. 3/8"
1530' - 1540', 2 shots/ft., 3/8"

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
N/A	N/A

33.* PRODUCTION

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/25/78-7/7/78	20 flowing 168-shut-in	7/32	→	0	122.5	1 1/2 BBL-est.	N/A

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
114 psig.	249 psig.	→	0	182 (open flow)	2BPD est.	N/A

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented

TEST WITNESSED BY Dale Marshall-N.W. pipeline

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
Various sizes were used. The 7/32 was used for the 17 hr. continuous flow

SIGNED James E. Dyer **TITLE** President **DATE** 7/25/78

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

INSTRUCTIONS

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

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

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

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

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

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

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Dakota	1405'	1574'	Water (brackish) 10 BPD estimated
Cedar Mountain	1585'	1629'	Gas at 1530'
Salt Wash member of Morrison	1850'	1910'	Nothing

NAME	MEAS. DEPTH	TOP	
		MEAS. DEPTH	TRUE VERT. DEPTH
Dakota	1405'	1405'	1405'
Cedar Mountain	1585'	1585'	1585'
Morrison	1630'	1630'	1630'

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

SUBMIT IN TRIPlicate
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

#71-038364; U-38364

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 #1-7

10. FIELD AND POOL, OR WILDCAT

Cisco Springs

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

Sec 7, T20^S, R24E, SLB&M

12. COUNTY OR PARISH 13. STATE

Grand

Utah

1. OIL WELL GAS WELL OTHER

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

3. ADDRESS OF OPERATOR
P.O. Box 636, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

1520' FEL, 2340 FNL

14. PERMIT NO.
43-019-30411

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4⁶48 GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input checked="" type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)			

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

I propose to perforate the zone between 1565' and 1626'. This well has been perforated from 1530' to 1540'. I propose to co-mingle the two zones if the bottom zone proves productive.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: 10-2-78

BY: C.S. Feight



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

SIGNED James E. Bowers TITLE President

DATE 9-27-78

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

#71-038364; U-38364

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 Well #1-7

10. FIELD AND POOL, OR WILDCAT

Cisco Springs

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

sec. 7, T20S, R24E, S14M&M

12. COUNTY OR PARISH

Grand

13. STATE

Utah

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

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

3. ADDRESS OF OPERATOR
P.O. Box 636 Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

1520' FEL, 2340' FNL

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)

43-019-30411

4648 GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF PULL OR ALTER CASING
FRACTURE TREAT MULTIPLE COMPLETE
SHOOT OR ACIDIZE ABANDON*
REPAIR WELL CHANGE PLANS
(Other)

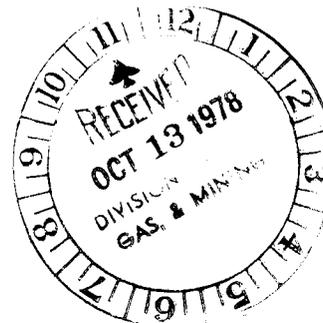
SUBSEQUENT REPORT OF:

WATER SHUT-OFF REPAIRING WELL
FRACTURE TREATMENT ALTERING CASING
SHOOTING OR ACIDIZING ABANDONMENT*
(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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 the fact our Fed. well #1-6 made water after an acid treatment to the corresponding zone in this well (#1-7) that we had intended to perforate (see sundry notice dated 9/27/78) we will not carry out our perforation plans.



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

SIGNED [Signature]

TITLE President

DATE 10/10/78

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

BOWERS OIL & GAS EXPLORATION INC.

P.O. Box 636
GRAND JUNCTION, CO. 81501
BUS: 303-245-1342
RES: 303-242-6311



November 17, 1978

*11/20/78
discussed this w/
Mr Bowers & then to our
subsurface water in
cisco area - we will wait
on BLM answer to further*

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

Attention: Mr. Willis P. Martens RE: Disposal of produced water for
Bowers Federal Wells #1-6 #1-7, ✓
Grand County, Utah

Dear Mr. Martens:

Very shortly we hope to be producing gas from the captioned wells. Both wells make formation water which, of course, must be disposed of. Mr. Rocky Curnett of the BLM, Moab, and I discussed the feasibility of producing this water into an unlined pit. Mr. Curnett felt at the time this would be alright with him if the water would evaporate and percolate fast enough, an occurrence he had reservation about.

Pursuant to Federal Regulations I request permission to produce water into the unlined pit for 90 days after production begins in order to begin producing the wells as soon as possible and to find out if the water will evaporate and precipitate fast enough to allow us to permanently produce the water into an unlined pit. I will submit the required information concerning permanent disposal of water into unlined pits to your office during the 90 day period, if approved, when we are able to determine the rate of evaporation and percolation of the water.

Sincerely yours,

James E. Bowers
James E. Bowers
President

JEB/bz

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

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 "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO. U-38364

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 #1-7

10. FIELD AND POOL, OR WILDCAT Cisco Springs

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA sec. 7, T20S, R24E, SLB&M

12. COUNTY OR PARISH Grand 18. STATE Utah

14. PERMIT NO. 43-C14-38417 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4648' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

We propose to perforate from 1570'-1600' and 1610'-1625'. The well is presently perforated from 1530'-1540' but will not produce. If this procedure proves successful we will either set a packer below 1540' or squeeze the 1530'-1540' interval, or leave the 1530' - 1540' interval open. The interval from 1530' -1625' is all in the Cedar Mountain Formation.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: 7-23-79
BY: M.G. Menden

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

SIGNED James E. Bowers TITLE President DATE 7/17/79

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

71-038364

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

N/A

WELL NO.

Bowers Fed. Well #1-7

10. FIELD AND POOL, OR WILDCAT

Cisco Springs

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

sec. 7, T20S, R24E, SLB&M

12. COUNTY OR PARISH 13. STATE

Grand

Utah

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 "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Bowers Oil and Gas Exploration, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 636, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface

SW 1/4 NE 1/4

14. PERMIT NO.

43-019-30417

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

4648' GR

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.) *

July 25, 1979 the workover rig set-up. The BOP was installed and the tubing/rods/pump were pulled. There was formation water in the hole 500 feet below the surface. We perforated 1604'-20' K.B. and 1573'-1592' K.B. We swabbed the well down to 300' above the new perfs. with no success. The next day we swabbed down to the perforated zone and still had no success. We will now classify this well as temporarily abandoned.

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

SIGNED

[Signature]

TITLE

President

DATE

8/7/79

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

71-038364

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 Well #1-7

10. FIELD AND POOL, OR WILDCAT

Cisco Springs Field

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

Sec. 7, T20S, R24E, SLB&M

12. COUNTY OR PARISH 13. STATE

Grand Utah

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 "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL GAS WELL OTHER

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.* See also space 17 below.)
At surface

1366' FEL, 2340' FNL

14. PERMIT NO.

43-019-30417

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

4648 ft. GR

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

1. During completion, perforated 1910'-1918' (KB) with 2 snots /ft. Did not produce anything.
2. Set cast iron bridge plug at 1850' (KB)
3. Perforated 1530 ft. (KB) to 1540 ft. (KB) with 2 shots/ft. Produced gas but with too much water to be deemed commercial.
4. Perforated 1573'-1592' with 1 shot/ft. Produced nothing.
5. Formation tops: Dakota - 1405'; Cedar Mtn. - 1525'; Morrison- 1630'
6. We proposed to P&A as follows"
 - a. Shoot off and pull all possible 4½" casing (est. 1200 ft).
 - b. Set plugs through tubing
 1. Plug 1: 1700' up to 1350' with 25 sx cement (class B)
 2. Plug 2: 20 sx (class B) across 4½" cut off.
 3. Plug 3: 211 ft. up to 87 ft. across 7" surface pipe with ²⁵ ~~10~~ sx (class B)
 4. Plug 4: 10 sx (class B) surface plug and regulation marker.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: October 29, 1979

BY: Frank M. Hammer/ltro

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

SIGNED

Frank M. Bowers

TITLE

President

DATE

10/19/79

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THIS MANNER
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

71-038364

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 Well #1-7

10. FIELD AND POOL, OR WILDCAT

Cisco Springs

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

sec. 7, T20S, R24E, SLB&M

12. COUNTY OR PARISH 13. STATE

Grand Utah

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

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.* See also space 17 below.)
At surface

1366' FEL, 2340' FNL

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, NT, GR, etc.)

43-019-30417 4648' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)
PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

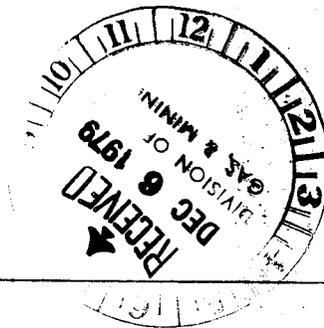
SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)
REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

- 11/27/79 Filled hole w/9ppg. mud. Spotted 25 sx of cement from 1700' to 1300' (1st plug)
- 11/28/79 1st plug was tagged at 1300'. Shot off 4 1/2" casing at 950'.
- 11/29/79 Spotted 30 sx cement (200') across 4 1/2" casing cutoff point (2nd plug). Spotted 25 sx cement across 7" surface pipe (3rd plug). Set 10 sx plug (4th plug) at surface.
- 11/30/79 Set Regulation dry hole marker.



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

SIGNED James E. Bowers TITLE President DATE 12-3-79

(This space for Federal or State office use)

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