

UTAH OIL AND GAS CONSERVATION COMMISSION

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

* Location abandoned 11-7-83 well never drilled open request:

DATE FILED 4-30-82
 LAND: FEE & PATENTED _____ STATE LEASE NO. _____ PUBLIC LEASE NO. U-44438 INDIAN _____

DRILLING APPROVED: 5-5-82

SPUDDED IN: _____
 COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED: #7-83 L.A'd. 1-12-84

FIELD: ~~WILDCAT~~ 3/86 Fence Canyon

UNIT: MAIN CANYON

COUNTY: UINTAH

WELL NO. MAIN CANYON FEDERAL #31-10 API NO. 43-047-31217

LOCATION 1800' FT. FROM (S) LINE. 2300' FT. FROM (E) LINE. NW SE 1/4 - 1/4 SEC. 31

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				<u>15S</u>	<u>23E</u>	<u>31</u>	<u>BEARTOOTH OIL & GAS CO.</u>

MINERALS MANAGEMENT SERVICE
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
Other instructions on reverse side

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO. U 44438

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME Main Canyon

8. FARM OR LEASE NAME Federal

9. WELL NO. 31-10

10. FIELD AND POOL, OR WILDCAT Fence Canyon

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW 1/4 SE 1/4 Sec. 31-T15S-R23E

12. COUNTY OR PARISH Uintah 13. STATE Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Miles Northwest of Mack, Colorado

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 621

16. NO. OF ACRES IN LEASE 520.37

17. NO. OF ACRES ASSIGNED TO THIS WELL 200

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None

19. PROPOSED DEPTH 8246'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7015' GL, 7031' KB

22. APPROX. DATE WORK WILL START* July 1, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH*	QUANTITY OF CEMENT
12-1/4"	9-5/8"	32.3# H-40 STC	300'	150 sacks Class "G" to surface
8-3/4"	7" New 23# & 20# K-55 STC		4300'	250 sacks 50-50 poxmix
6-1/4"	4-1/2" New	11.6# N-80 LTC	8246'	175 sacks RFC

- Surface formation is the Green River.
- Anticipated geologic markers are: Wasatch 396', Mesaverde 1956', Mancos 3676', Castlegate 3926', Frontier 7316', Dakota 7676', Morrison 7846'.
- Gas is anticipated in the Dakota & Morrison. No oil or other minerals are anticipated. Possible water sands are expected in the Mesaverde and Wasatch.
- Proposed casing program: See Item No. 23 above.
- Pressure control equipment: See attached well control plan and schematic drilling contractor's BOP stack. BOP's will be tested before drilling out from under surface and intermediate casing and checked daily.
- Air or mist drilling will be used to drill the surface hole unless water is encountered. If water is encountered, chemical-gel type mud will be used. The well will be air drilled from under surface casing to total depth. If excessive water is encountered, the intermediate hole will be finished with chem gel mud.

(CONTINUED BACK PAGE)

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 G. Routson TITLE Petroleum Engineer DATE 4/26/82

PERMIT NO. _____ APPROVAL DATE _____
FOR E. W. GUYNN TITLE DISTRICT OIL & GAS SUPERVISOR DATE NOV 15 1982

NOTICE OF APPROVAL
State Oil & Gas

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

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

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal 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.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

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 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

★ U.S. GOVERNMENT PRINTING OFFICE: 1963-O-711-398

7. Auxiliary equipment: See well control plan.
8. The logging program will consist of a DIL log from TD to base of intermediate casing, and GR-FDC-SNP or CNL logs from TD to above the Frontier and across the Mancos. No cores or DST's are planned.
9. No abnormal pressures or temperatures anticipated. No poisonous gas is anticipated.
10. Anticipated spud date is July 1, 1982, depending upon rig availability.
11. Survey plats are attached.
12. The gas is not dedicated.
13. Designation of Agent forms from Natural Gas Corporation are enclosed.
14. Bond will be furnished shortly.

James S. Gentry

(CONTINUED BACK PAGE)

THE FOLLOWING INFORMATION IS FOR THE INFORMATION OF THE BUREAU OF LAND MANAGEMENT AND IS NOT TO BE USED FOR ANY OTHER PURPOSE. IT IS THE PROPERTY OF THE BUREAU OF LAND MANAGEMENT AND IS LOANED TO YOU FOR YOUR INFORMATION ONLY. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.

DATE OF ISSUE: 11-01-80
 ZONE OF COVRY: 3000-3000
 WASH STATE: 11-01-80

ACR: 07 1021 KB

DATE OF ISSUE: 11-01-80

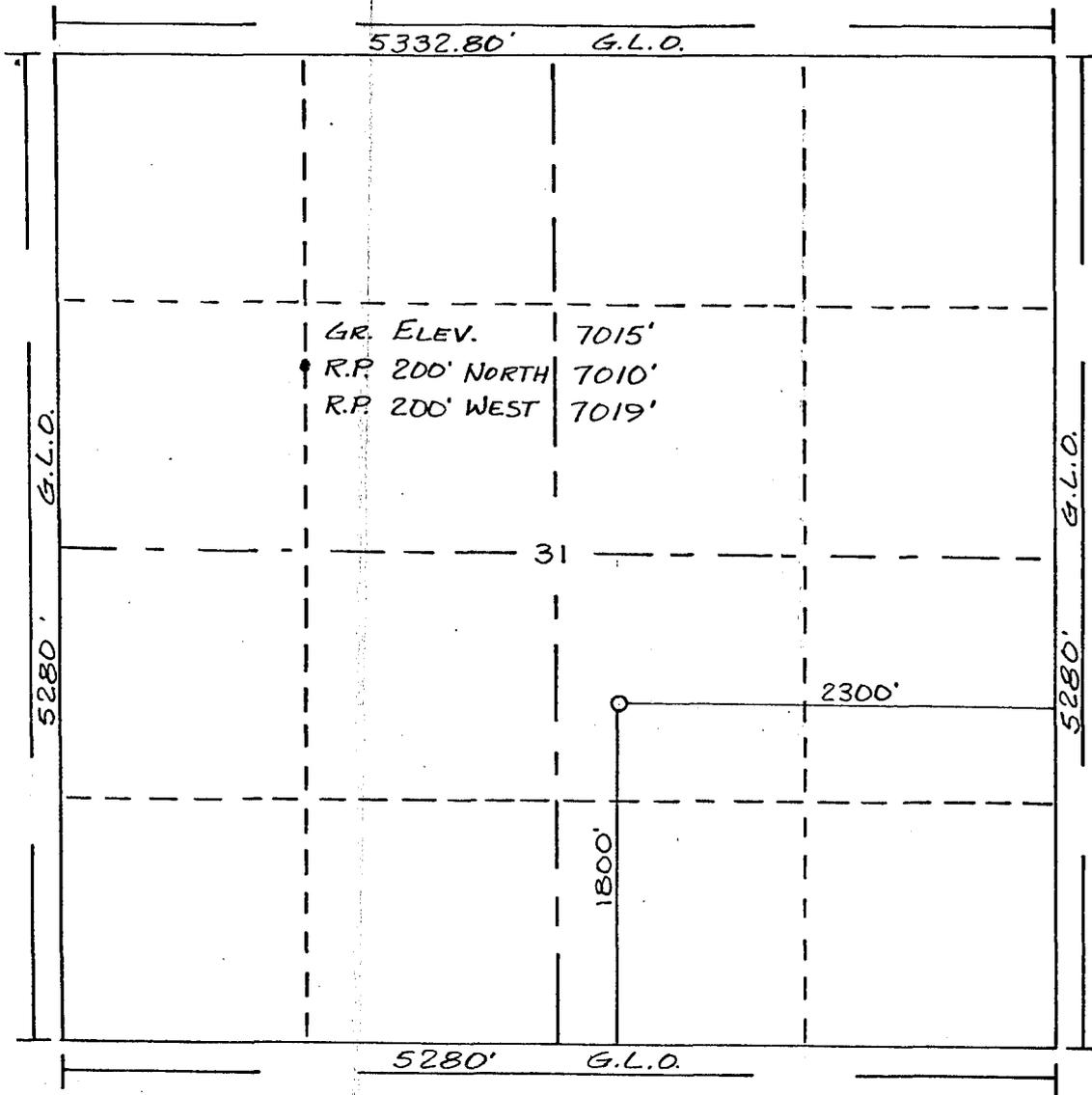
APPLICATION FOR PERMIT TO DRILL DEESEM OR BRIO BACK

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR
 UNITED STATES



R. 23 E.



T. 15 S.

Scale... 1" = 1000'

Powers Elevation of Denver, Colorado
 has in accordance with a request from JIM ROUTSON
 for BEARTOOTH OIL & GAS COMPANY
 determined the location of 31-10 FEDERAL
 to be 1800' FSL & 2300' FEL Section 31 Township 15 South
 Range 23 East of the SALT LAKE Meridian
 Uintah County, UTAH

I hereby certify that this plat is an
 accurate representation of a correct
 survey showing the location of
 31-10 FEDERAL

Date: JUNE 16, 1981

Edward A. Lewis
 Licensed Land Surveyor No. 5443
 State of UTAH

Beartooth Oil & Gas Company
Well No. 31-10
Section 31, T15S, R23E
Uintah County, Utah
Lease U-44438

Supplemental Stipulations

1. Traveling off access road right-of-ways will not be allowed. The maximum width of access roads (both existing and planned) will be 30 feet total disturbed area. Roads will be crowned and properly maintained. Turn-outs will not be required. Bar ditches will be installed where necessary.
2. Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well sites. Refuse must be contained in trash cages and hauled to an approved disposal site.
3. The top 8 inches of topsoil will be stockpiled in two piles; one between A & 'A' and the other between C & 'C'.
4. A wire mesh or net type of fence topped with at least one strand of barbed wire will be used around the reserve pits.
5. The BLM will be notified at least 24 hours prior to any abandonment field work. The operator may be informed of any additional needed seeded requirements.
6. The pad was rotated 180°.
7. Live trees that must be removed may be pushed over and stockpiled separately from the topsoil. Large pieces of dead wood should also be stockpiled from the topsoil.
8. PR spring may not be used as a water source.
9. Adequate and sufficient electric/radioactive logs will be run to locate and identify anticipated coal beds in the Mesaverde, or shallower, formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbons zones on the coal resource. Surface casing program may require adjustment for protection of fresh water aquifers.

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
 Beartooth Oil & Gas Company

3. ADDRESS OF OPERATOR
 P. O. Box 2564, Billings, Montana 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements*)
 At surface 2300' FEL, 1800 FSL
 At proposed prod. zone same **NWSE**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Miles Northwest of Mack, Colorado

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- (CONTINUED BACK PAGE)

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24. SIGNED James G. Routson TITLE Petroleum Engineer DATE 4/26/82

(This space for Federal or State office use)

PERMIT NO. _____

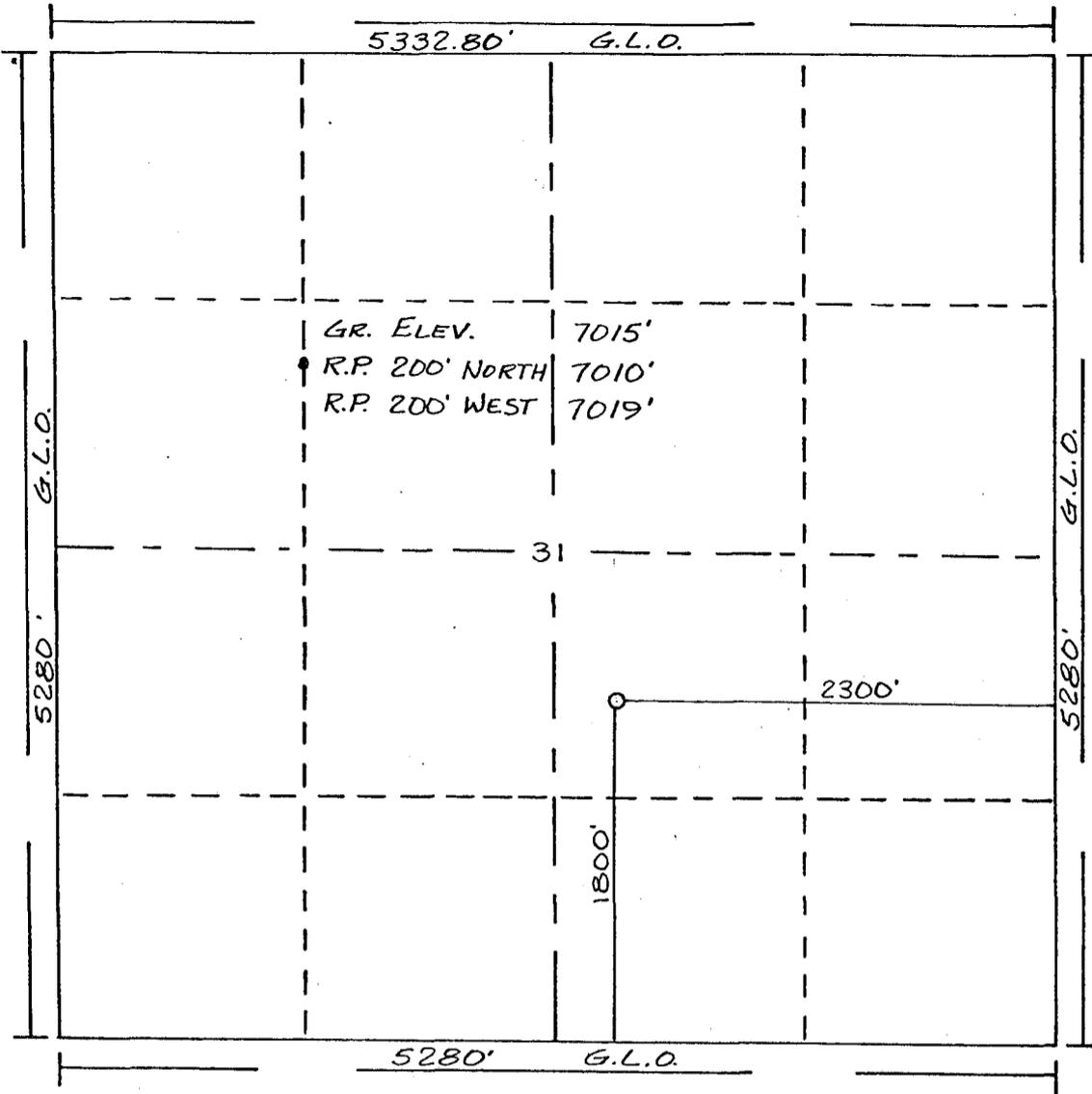
APPROVED BY _____ TITLE _____
 CONDITIONS OF APPROVAL, IF ANY:

APPROVAL

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**
 DATE: 7/15/82
 BY: [Signature]



R. 23 E.



T. 15 S.

Scale... 1" = 1000'

Powers Elevation of Denver, Colorado
 has in accordance with a request from JIM ROUTSON
 for BEARTOOTH OIL & GAS COMPANY
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 to be 1800' FSL & 2300' FEL Section 31 Township 15 South
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 Uintah County, UTAH

I hereby certify that this plat is an
 accurate representation of a correct
 survey showing the location of
 31-10 FEDERAL

Date: JUNE 16, 1981

Edward A. Lewis
 Licensed Land Surveyor No. 5443
 State of UTAH

TWELVE POINT PLAN OF DEVELOPMENT
FOR SURFACE USE FOR THE
BEARTOOTH OIL & GAS COMPANY

Federal No. 31-10
NW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 31-T15S-R23E
Unitah County, Utah

1. Existing Roads - a legible map showing:

- A. Proposed well site as staked. (Actual staking should include two each 200-foot directional reference stakes.): See Survey Plat - Plat No. 1
- B. Route and distance from nearest town or locatable reference point to where well access route leaves main road: This location is reached by going approx. 16 miles west of Mack, CO on old US 6 & 50; then turn right and go approx. 25 miles northwest up the Hay Canyon road to 3 Pines; then turn right and go approx. 4 $\frac{1}{2}$ miles down Whet Rock Canyon to the well location.
- C. Access road(s) to location color-coded or labeled: See Vicinity Map No. 3 (green). See Map No. 1
- D. If exploratory well, all existing roads within a 3-mile radius (including type of surface, conditions, etc.): NA
- E. If development well, all existing roads within a 1-mile radius of wellsite: All existing roads are shown on Map No. 1
- F. Plans for improvement and/or maintenance of existing roads: The existing roads need no improvement. Occasional blading is done by producing and pipeline companies in the area. The Hay Canyon road is Grand County, Utah county road which joins Unitah County road in Sec. 31-T15S-R23E

2. Planned Access Roads

Map showing all necessary access roads to be constructed or reconstructed, showing:

- (1) Width & Disturbance: See Map No. 1. No new road construction will be needed. The location is adjacent to the existing road.
- (2) Maximum grades: NA
- (3) Turnouts: NA
- (4) Drainage design: Natural drainage; road will follow contour of the land.
- (5) Location and size of culverts and brief description of any major cuts and fills: NA
- (6) Surfacing material: Native material only; no material will be brought in.
- (7) Necessary gates, cattleguards, or fence cuts: NA
- (8) New or reconstructed roads are to be center-line flagged at time of location staking: NA

3. Location of Existing Wells

Two-mile radius map if exploratory, or 1-mile radius map if development well showing and identifying existing (see Map No. 1)

- (1) Water wells: None
- (2) Abandoned wells: None
- (3) Temporarily abandoned wells: None
- (4) Disposal wells: None
- (5) Drilling wells: None
- (6) Producing wells: Two
- (7) Shut-in wells: One
- (8) Injection wells: None
- (9) Monitoring or observation wells for other resources: None

4. Location of Existing and/or Proposed Facilities

A. Within 1-mile radius of location show the following existing facilities owned or controlled by lessee/operator:

- 1. Tank batteries: None
- 2. Production facilities: Separator and meter run at gas wells, shown on Map No. 1, in Section 36-T15S-R22E and Section 33-T15½S-R23E.
- (3) Oil gathering lines: None
- (4) Gas gathering lines: See Map No. 1 for location of Northwest Pipeline gathering system. All lines are buried.
- (5) Injection lines: None
- (6) Disposal lines: None

(Indicate if any of the above lines are buried.)

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: All proposed facilities are on the location.
- (2) Dimensions of facilities: See Plat No. 4. Separator 5' x 10', meter run 5' x 8', on drillsite pad and painted green to blend with the environment.
- (3) Construction methods and materials: No materials necessary. All lines will be coated, wrapped, and buried. See Plat No. 4.
- (4) Protective measures and devices to protect livestock and wildlife: A 10' x 10' water pit within 50' of the separator will be fenced. A metal guard or fiberglass shelter will be around the wellhead.

4. Location of Existing and/or Proposed Facilities (Continued)

- C. Plan for rehabilitation of disturbed areas no longer needed for operations after construction is completed: Upon completion of the drilling of this well, all pits will be backfilled and top soil replaced and re-contoured back to original terrain. Upon abandonment, all disturbed areas, including the location and access road, will be re-contoured, ripped or scarified as needed, and re-vegetated using a seed formula as specified by the BLM. Seeding will be done in the fall.
-
-
-

5. Location and Type of Water Supply

- A. Show location and type of water supply either on map or by written description: The water source for this well is a pond owned by Bert DeLambert. All necessary arrangements have been made for the use of the water (see Map No. 1)
-
-
- B. State method of transporting water and show any roads or pipelines needed: Water will be transported by temporary surface pipeline from the pond to the location.
-
- C. If water well is to be drilled on lease, so state. (No APD for water well is necessary, however, unless it will penetrate potential hydrocarbon horizons): No water well is to be drilled.
-

6. Source of Construction Materials

- A. Show information either on map or by written description: No construction materials will be used other than native materials.
-
-
- B. Identify if from Federal or Indian land: Not applicable.
-
- C. Describe where materials, such as sand, gravel, stone, and soil material are to be obtained and used: Soil from cuts will be used for fills. No outside material will be brought in.
-
-
- D. Show any needed access roads crossing Federal or Indian lands under Item 2:
-
-

7. Methods for Handling Waste Disposal

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

- (1) Cuttings: Cuttings will be buried in the reserve pit, which will be constructed in "cut". The pit will be fenced on 3 sides during drilling and closed off on the 4th side at time of rig release.
-
- (2) Drilling fluids: Drilling fluids will be handled in the reserve pit and left to evaporate.
-
- (3) Produced fluids (oil, water): Any fluids produced during drilling test or while making production test will be collected in a test tank. If a test tank is not available during drilling, fluids will be handled in reserve pit. Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and removed. If well is productive, produced water will be disposed of onsite for 30 days only, or 90 days with permission of District Supervisor. After that time, application will be made for approval of permanent disposal method in compliance with NTL-2b, and the rules and regulations of the State of Utah.
-

7. Methods for Handling Waste Disposal (Continued)

- (4) Sewage: Human waste will be disposed of in chemically treated sanitary pits.
- (5) Garbage and other waste material (trash pits should be fenced with small mesh wire to prevent wind scattering trash before being burned or buried): Garbage, waste, salts and other chemicals produced during drilling or testing will be handled in trash cage. The trash cage will be totally enclosed with small mesh wire to prevent wind scattering trash before being removed. Reserve pit will be fenced on 3 sides during drilling and closed off on the 4th side at the time of rig release.
- (6) Statement regarding proper cleanup of wellsite area when rig moves out: Drilling fluid in pit, which will be very minimal due to air drilling, will be left to dry, if necessary. After pit area is sufficiently dry, cuttings will be pushed into pit and sub-soil placed on top of any remaining fluid and cuttings; then top soil will be used to cover both pit and location area.

8. Ancillary Facilities

Identify all proposed camps and airstrips on a map as to their location, area required and construction methods. (Camp center and airstrip center lines to be staked on the ground): No air strip, camp or other facilities will be built during drilling of this well. The existing air strip in Sec. 5, T16S-R23E may be used to fly crews to and from the location.

9. Wellsite Layout

A plat (not less than 1" = 50') showing:

- (1) Cross sections of drill pad with cuts and fills: See Plat No. 2-A
- (2) Location of mud tanks, reserve, burn and trash pits, pipe racks, living facilities, and soil material stockpiles: See Plats Nos. 2 & 3
- (3) Rig orientation, parking areas and access roads: See Plat No. 3
- (4) Statement as to whether pits are to be lined or unlined. (Approval as used in this section means field approval of location. All necessary staking of facilities may be done at the time of field inspection. A registered surveyor is not mandatory for such operations): Pits will be unlined.

10. Plans for Restoration of Surface

State restoration program upon completion of operations, including:

- (1) Backfilling, leveling, contouring and waste disposal; segregation of spoils materials as needed: If well is abandoned, site will be restored to original condition as nearly as possible. Backfilling, levelling, and contouring are planned as soon as all pits have dried. Waste disposal and spoils materials will be buried or hauled away immediately to an approved sanitary land fill after drilling is completed. If production is obtained, the unused area will be restored as soon as possible.
- (2) Revegetation and rehabilitation, including access roads (normally per BLM recommendations): The soil banked material will be spread over the area. Re-vegetation will be accomplished by planting mixed grasses as per BLM specifications.
- (3) Prior to rig release, pits will be fenced and so maintained until clean-up: Three sides of the reserve pit will be fenced during drilling and closed off on the 4th side following rig release to prevent livestock or wildlife from entering; and the fencing will be maintained until leveling and cleanup are accomplished.

10. Plans for Restoration of Surface (Continued)

- (4) If oil on pit, remove oil or install overhead flagging: If any oil is on the pits and is not immediately removed or burned after operations cease, the pit containing the oil or other adverse substances will be flagged overhead or covered with wire mesh.
- (5) Timetable for commencement and completion of rehabilitation operations: The rehabilitation operations will begin immediately after the drilling rig is removed. Removal of oil or other adverse substances will begin immediately or area will be flagged and fenced. Other cleanup will be done as needed. Planting and re-vegetation is considered best in the fall, between Sept. 15 and Nov. 15.

11. Other Information

General description of:

- (1) Topography, soil characteristics, geologic features, flora and fauna: The wellsite is in a broad canyon bottom. Soils are deep and poorly defined. The vegetation is sagebrush, rabbit brush with a Western Wheatgrass and June grass understory. Livestock, mule deer and coyotes inhabit the area.
- (2) Other surface use activities and surface ownership of all involved lands: The area around the location is used for livestock grazing. All lands involved with the location are Public Lands. The location is within 1/2 mile of private property owned by Bert DeLambert.
- (3) Proximity of water, occupied dwellings, archeological, historical or cultural sites: The closest live water is 1/4 mile north of the wellsite in Main Canyon. The closest occupied dwelling is the DeLambert Ranch house 1/3 miles north of the wellsite.
A cultural resource survey has been completed and is on file with BLM in Vernal. The area has archeological clearance.

12. Lessee's or Operator's Representative

Include the name, address and phone number of the lessee's or operator's field representative who is responsible for assuring compliance with the approved surface use and operations plan:

James G. Routson
 Beartooth Oil & Gas Company
 P. O. Box 2564
 Billings, MT 59103
 Office Ph: 406-259-2451
 Home Ph: 406-245-8797

Ken Currey
 Box 1491
 Fruita, CO 81521
 Mobile Phone: 303-245-3660 Unit 5858
 Home Ph; 303-858-3257

13: Certification

The following statement is to be incorporated in the plan and must be signed by the lessee's or operator's field representative who is identified in Item No. 12 of the plan:

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 Beartooth Oil & Gas Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

4/26/82
Date

Ken Currey
Ken Currey

WELL CONTROL PLAN

1. Surface Casing: 9-5/8" O.D., 32.3 #/ft., Grade H-40, Short T&C, set at 300' or deeper, cemented with pump and plug method back to the surface or bottom of cellar.
2. Casinghead Flange: 9-5/8" x 10" - 900 series casinghead with two 2" 2000 psi L.P. outlets.
3. Intermediate Casing: 7", 20#, K-55, set at 4300' and cemented with 250 sacks. The intermediate spool will be 10" - 900 x 10" - 900 series with two 2" 2000 psi L.P. outlets.
4. Blowout Preventor: A 10" 3000 psig W.P. double gate hydraulic shaffer BOP (or equivalent) with drill pipe rams and blind rams. All fill, kill and choke lines will be minimum of 2" 3000 psi W.P. A Grant rotating head will be used while air and mist drilling. A new rubber will be installed prior to drilling through the Dakota. BOP's will be worked daily. Blind rams will be checked during trips. BOP's will be tested to 1500 psi prior to drilling shoe joint on surface casing and intermediate casing.
5. Auxiliary Equipment: (a) Drill pipe floats will be allowed at contractor's discretion. (b) Visual monitoring of air returns will be maintained. (c) Upper kelly cock will be used. (d) Stabbing valve will be kept on floor.
6. Anticipated bottom hole pressure is less than 2000 psi at 8200' or a gradient of .243 psi/ft or less. No abnormal temperatures or hydrogen sulfide gas are anticipated.

BEARTOOTH OIL & GAS COMPANY

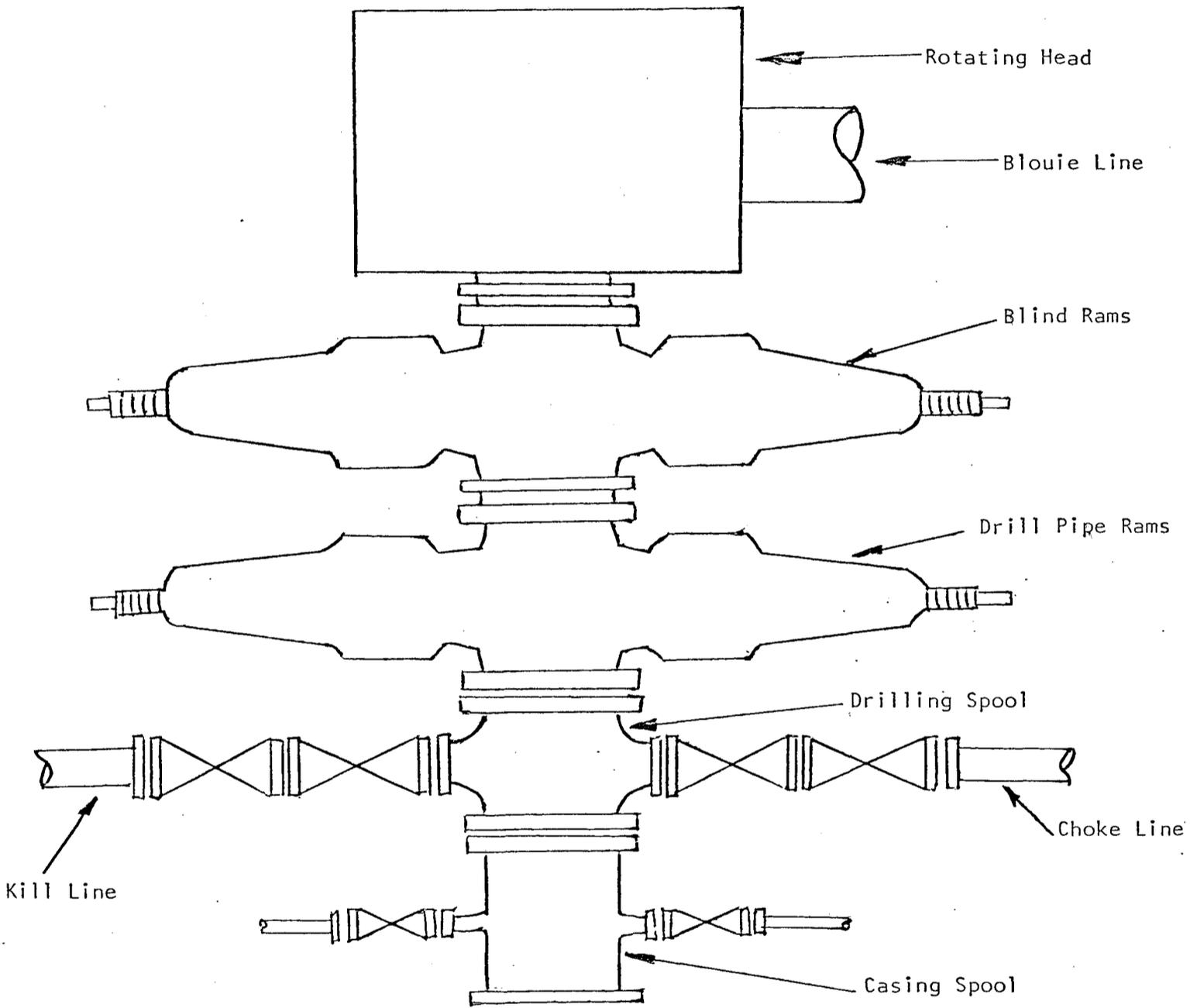
By: James G. Routson
James G. Routson, Petroleum Engineer

SCHEMATIC OF BOP STACK

Federal No. 31-10

Air drilled wells using 900 series wellhead equipment.

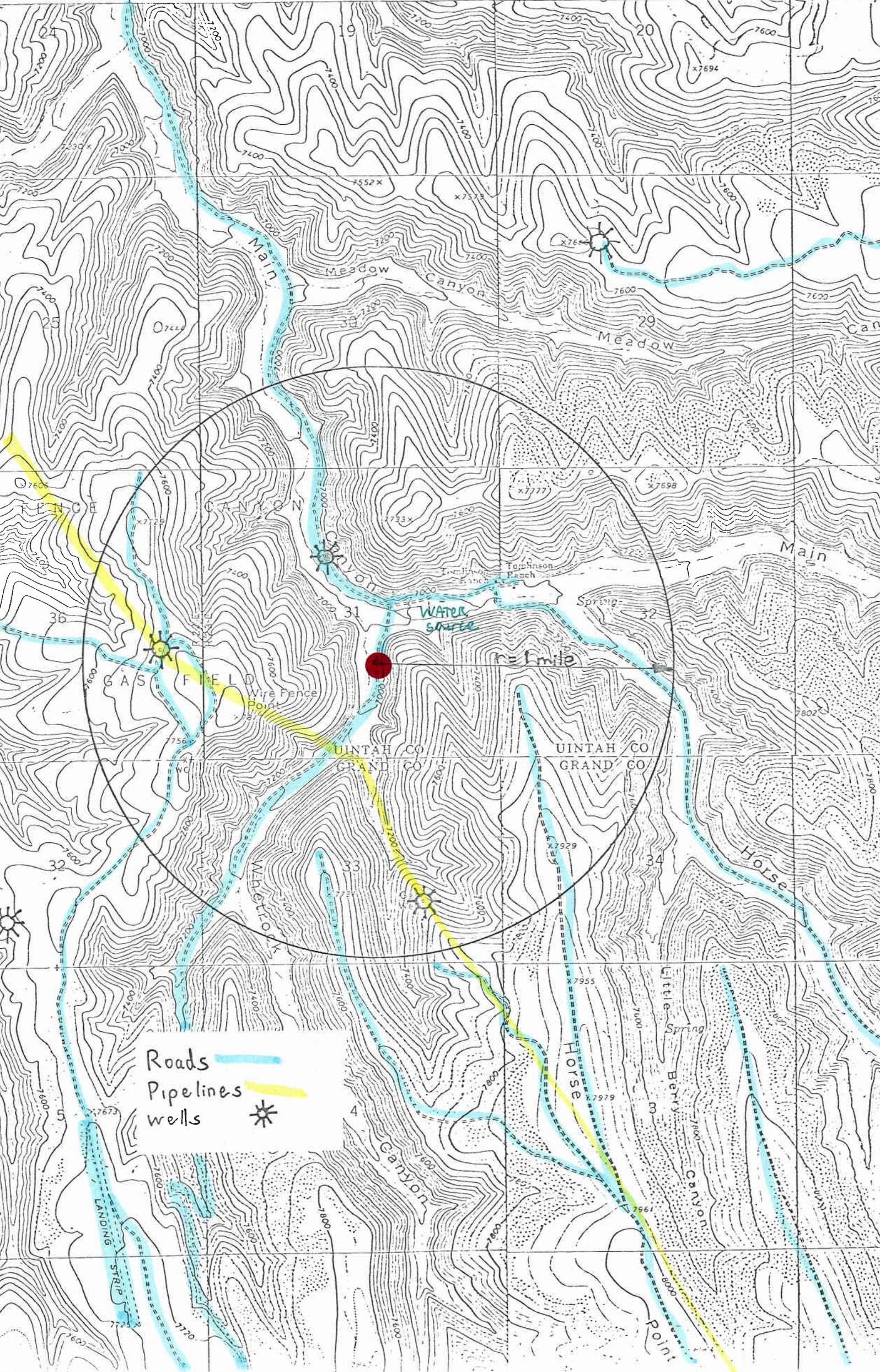
Interval from 300' to total depth.



CEDAR CAMP CANYON QUADRANGLE
UTAH
7.5 MINUTE SERIES (TOPOGRAPHIC)

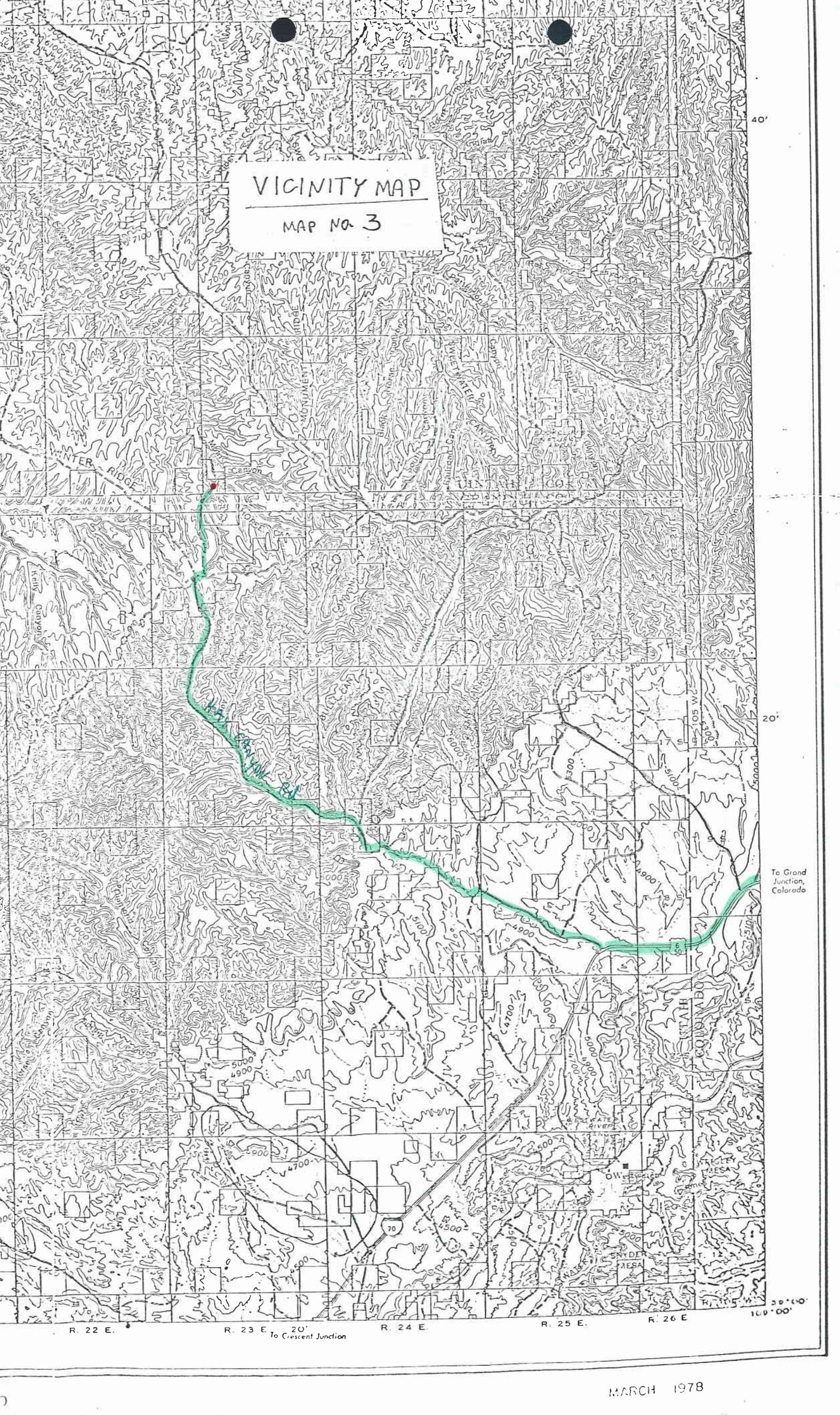
MAP NO. 1
Federal NO. 31-10

37 OURAY 48 MI. R 22 E. R. 23 E. 639 109° 22' 30" 640000m E 641



VICINITY MAP

MAP NO. 3



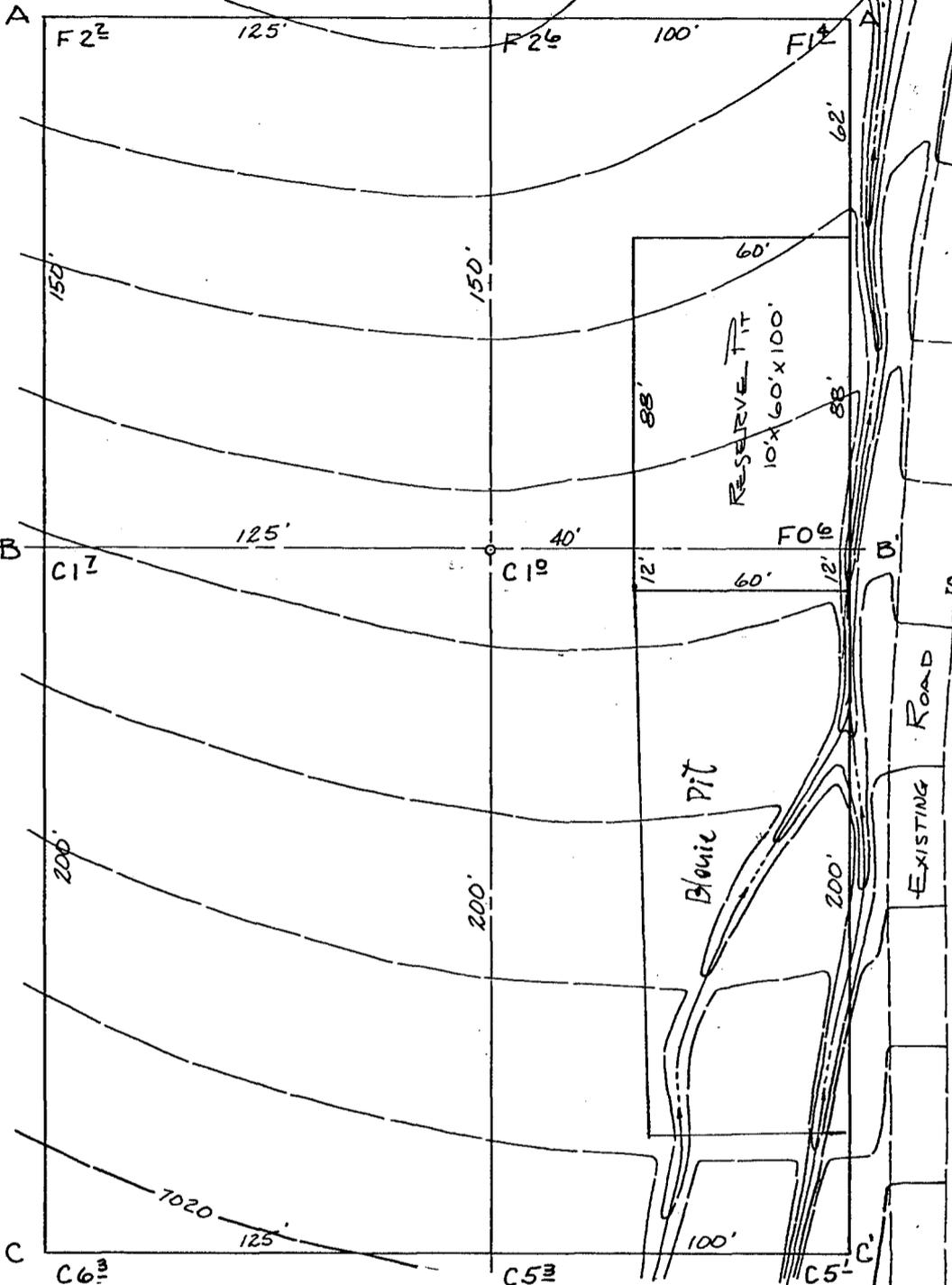
R. 22 E. R. 23 E. 20' To Crescent Junction R. 24 E. R. 25 E. R. 26 E. 30' 00' 100' 00'

MARCH 1978



R.P. 200' NORTH
F 5L

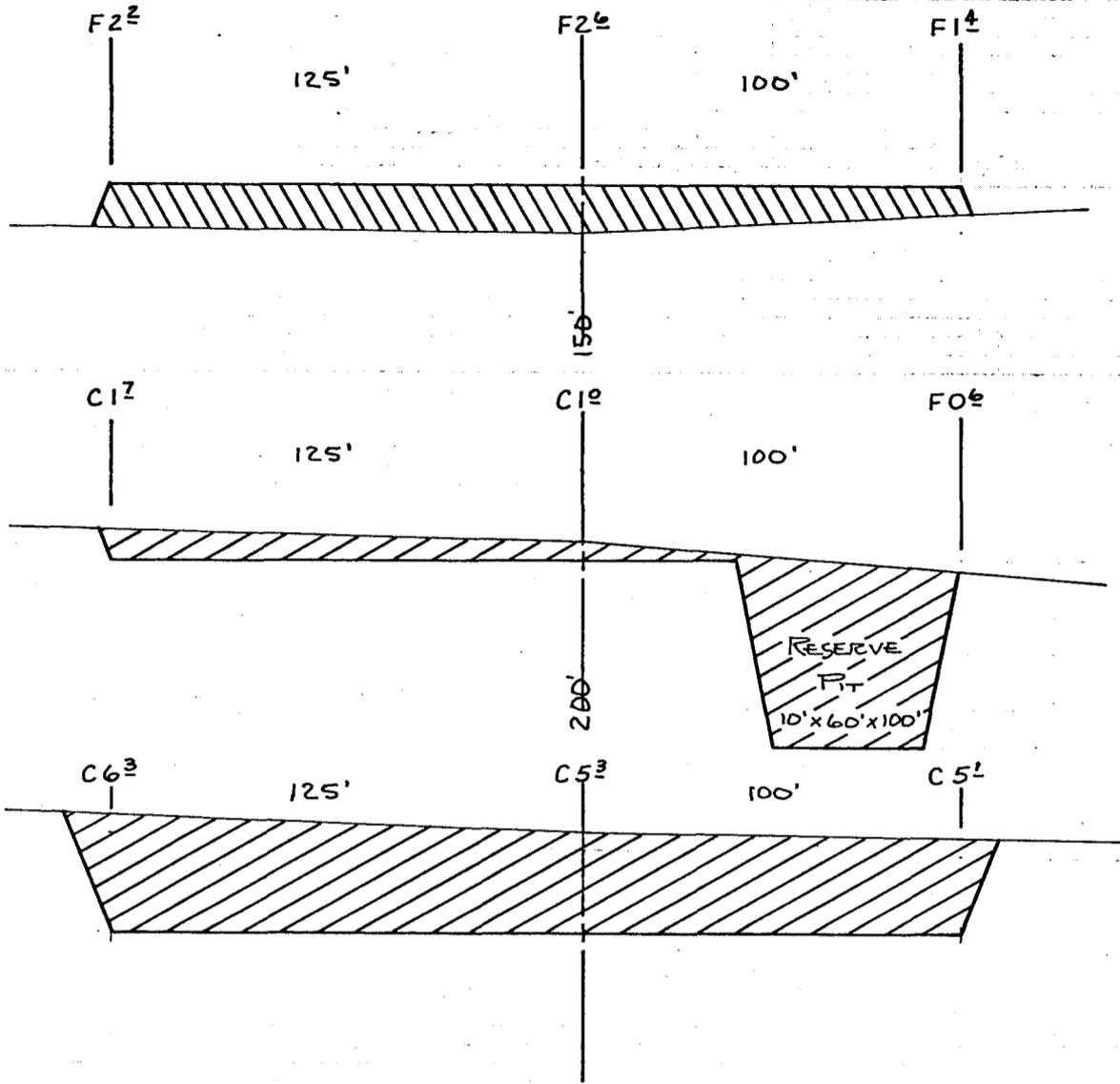
EXCESS
MATERIAL



Scale: 1" = 50'

TOP SOIL
STOCKPILE

by: *Edward A. Lewis*
 Powers Elevation Company, Inc.
 31-10 FEDERAL
 BEARTOOTH OIL & GAS COMPANY



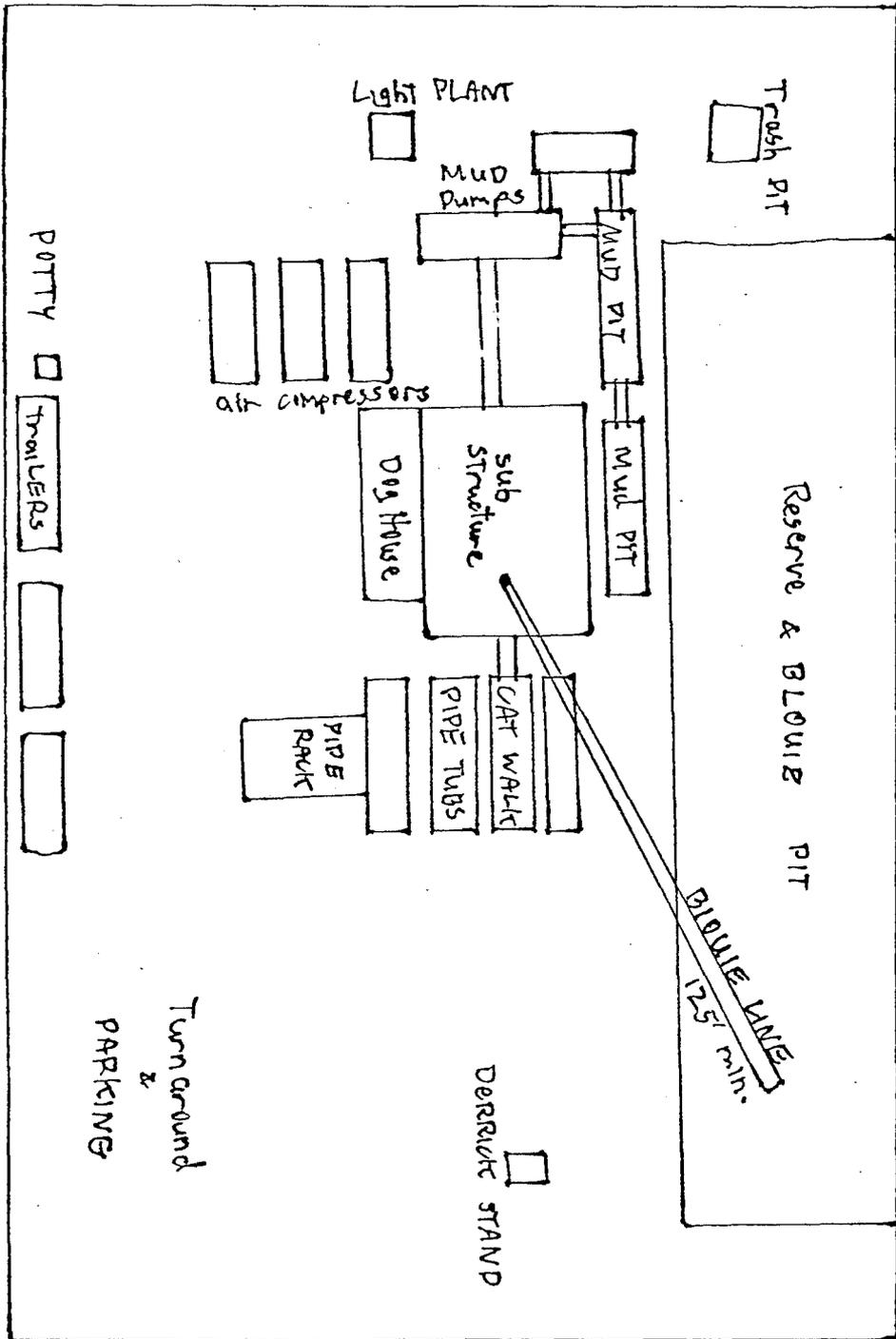
CUT 5990 cu. yd.
 FILL 1320 cu. yd.

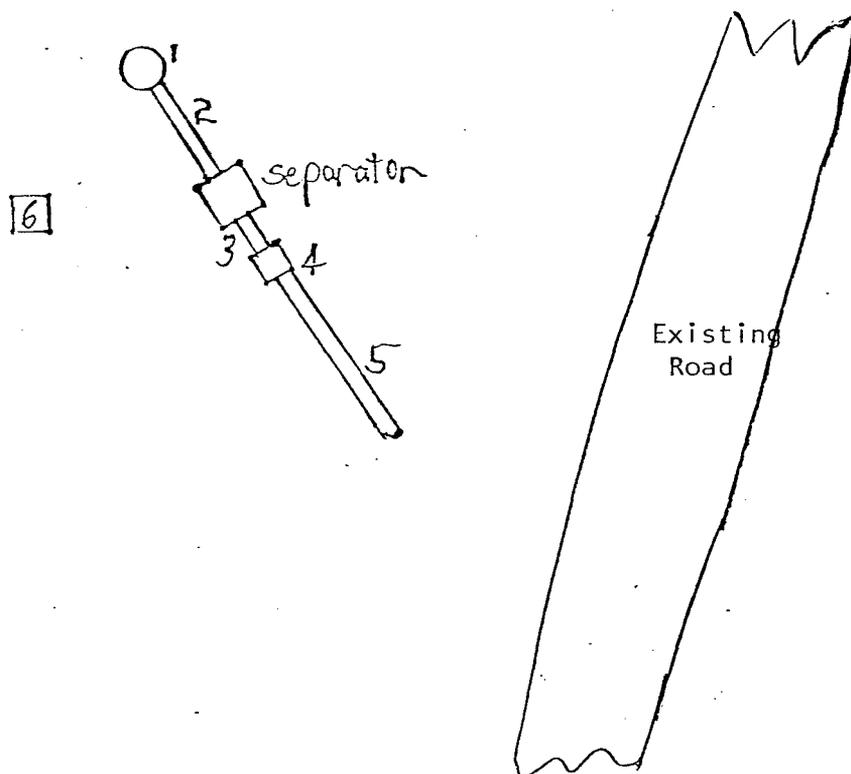
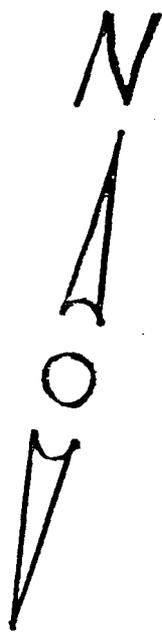
SCALE
 HORIZONTAL 1" = 50'
 VERTICAL 1" = 10'

CROSS SECTIONS
 31-10 FEDERAL
 BEARTOOTH OIL & GAS Co.
 UTAH COUNTY, UTAH

PLAT NO. 3 RIG LAYOUT

FEDERAL NO. 31-10
NW SE SEC 31-T 15S - R23E
Uintah Co., UTAH





1. Wellhead will be a 6" - 900 series flanged top. Tubing head will be 10" - 900 x 6" - 5000 psi with two 2" 5000 psi flanged valves. Tree will be 2" screwed x 3000 psi W.P.
2. Line between wellhead and separator will be approximately 100 feet in length and constructed of 2-3/8" .218 wall seamless, welded, wrapped and buried approximately 5 feet deep.
3. Line between separator and meter will be 4" or 4.028 OD seamless, welded, coated, wrapped and buried, and will be approximately 25 feet in length.
4. Meter run will be American 4" run, 500 psi static rating, 100" of water differential rating.
5. Line between meter run and NW Pipeline gatherline not yet designed.
6. Pit, if necessary, will be 8' x 8', enclosed by dikes and fenced.

WATER PURCHASE AGREEMENT

BEARTOOTH OIL & GAS COMPANY, P. O. Box 2564, Billings, Montana 59103,
agrees to pay to Bert De Lambert,
the sum of \$1,500.00 + 1/2 for water to be used
for the drilling and completion of Beartooth's 31-10
well, located in the NWSE of Section 31, Township 15 South, Range 23 East
West, Unihole County, Utah. Water will be piped/hauled from a
pond owned by Bert De Lambert at
Beartooth's expense.

EXECUTED this 16 day of April, 1982.

BEARTOOTH OIL & GAS COMPANY

By: Ken Currey
Ken Currey
Field Superintendent

By: Bert De Lambert

1/2 Bert De Lambert agrees to pump all
required water to the well location
for the sum of \$200.00/day.

** FILE NOTATIONS **

DATE: 5-3-82

OPERATOR: Beartooth Oil & Gas Co.

WELL NO: Min Canyon Federal 31-10

Location: Sec. 31 T. 15S R. 23E County: Monteb

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-647-31217

CHECKED BY:

Petroleum Engineer: M-1 RFF Spring Order #149-8
Drilling Unit #2

Director: _____

Administrative Aide: Unit well.

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. _____

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 Sub.

Plotted on Map

Approval Letter Written

Hot Line

P.I.

May 5, 1982

Beartooth Oil & Gas Company
P. O. Box 2564
Billings, Montana 59103

RE: Well No. Main Canyon Federal 31-10
Sec. 31, T. 15S, R. 23E
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

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

CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

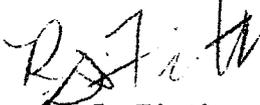
Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

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

The API number assigned to this well is 43-047-31217.

Sincerely,

DIVISION OF OIL, GAS AND MINING


R. J. Firth
Chief Petroleum Engineer

RJJ/as.
Encl.
cc: Minerals Management Service

BEARTOOTH OIL & GAS COMPANY

P.O. BOX 2564

BILLINGS, MONTANA 59103

(406) 259-2451

April 27, 1982

U. S. Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Re: Application to Drill
Federal No. 31-10
NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 31-15S-23E
Uintah County, Utah

Gentlemen:

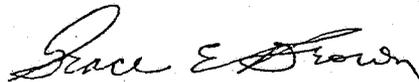
Enclosed please find Application to Drill covering the above captioned well for your approval.

Also enclosed are Designation of Agent forms from Natural Gas Corporation of California.

Thank you.

Yours very truly,

BEARTOOTH OIL & GAS COMPANY



Grace E. Brown
Drilling Department

gb

Enclosures

cc: Oil and Gas Conservation Commission ✓
1588 West, North Temple
Salt Lake City, Utah 84116

RECEIVED

APR 30 1982

DIVISION OF
OIL, GAS & MINING

BEARTOOTH OIL & GAS COMPANY _____

P.O. BOX 2564

BILLINGS, MONTANA 59103

(406) 259-2451

May 10, 1982

RECEIVED
MAY 12 1982

State of Utah
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

DIVISION OF
OIL, GAS & MINING

Attention: R. J. Firth

Re: Federal No. 31-10
API No. 43-047-31217
Section 31-T15S-R23E
Uintah County, Utah

Gentlemen:

We hereby request a topographic exception location for the above described well as required by Utah Spacing Order No. 149-8.

The well is located in a canyon and is located as far as possible from the TX0 Squire No. 1 well without being too close to the Main Canyon-Fence Canyon Unit boundary. It is located 621 feet from the Unit boundary and 2,045 feet from the TX0 Squire well.

Very truly yours,

BEARTOOTH OIL & GAS COMPANY

By: _____

James G. Routson
James G. Routson
Petroleum Engineer

JGR/ah



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

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

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

March 21, 1983

Beartooth Oil & Gas Company
P. O. Box 2564
Billings, Montana 59103

Re: Well No. ENI-Hatch Federal # 1-9
Sec. 1, T. 13S, R. 25E.
Uintah County, Utah

Well No. ENI-Hatch Federal # 12-10
Sec. 12, T. 13S, R. 25E.
Uintah County, Utah

Well No. Main Cyn Federal # 31-10
Sec. 31, T. 15S, R. 23E.
Uintah County, Utah

Gentlemen:

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

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

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Well Records Specialist

CF/cf

BEARTOOTH OIL & GAS COMPANY

P.O. Box 2564
Billings, Montana 59103
(406) 259-2451

March 23, 1983

State of Utah
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Re: ENI-Hatch Federal #1-9
ENI-Hatch Federal #12-10
Main Canyon Federal #31-10
Uintah County, Utah

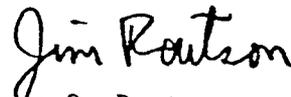
Gentlemen:

In reply to your letter dated March 21, 1983, please be advised that the above three wells were not drilled last year since we were unable to get offset completed wells hooked up and producing, thus delaying a more complete evaluation of the locations.

We hope to drill all three wells this coming summer. If our plans change, we will notify you and abandon the locations via a sundry notice.

Yours very truly,

BEARTOOTH OIL & GAS COMPANY



James G. Routson
Petroleum Engineer

JGR/gb

RECEIVED BY:

Caru
4-4-83



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

September 13, 1983

Beartooth Oil & Gas Company
P. O. Box 2564
Billings, Montana 59103

Re: Well No. ENI-Hatch # 1-9
2459' FSL, 309' FEL
NE SE, Sec. 1, T. 13S, R. 25E.
Uintah County, Utah

Well No. ENI-Hatch # 12-10
1410' FSL, 1898' FEL
NW SE, Sec. 12, T. 13S, R. 25E.
Uintah County, Utah

Well No. Main Canyon Fed. # 31-10
1800' FSL, 2300' FEL
NW SE, Sec. 31, T. 15S, R. 23E.
Uintah County, Utah

Gentlemen:

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

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

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Well Records Specialist

CF/cf

BEARTOOTH OIL & GAS COMPANY

P.O. Box 2564
Billings, Montana 59103
(406) 259-2451

November 7, 1983

Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

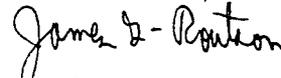
Re: ENI-Hatch #1-9 - NE $\frac{1}{4}$ SE $\frac{1}{4}$ 1-13S-25E
ENI-Hatch #12-10 - NW $\frac{1}{4}$ SE $\frac{1}{4}$ 12-13S-25E
Main Canyon Fed. #31-10 - 31-15S-23E
Uintah County, Utah

Gentlemen:

Please be advised that the above referenced wells have been temporarily abandoned. We do intend to drill these wells at some later date, but will resubmit applications to drill at that time.

Yours very truly,

BEARTOOTH OIL & GAS COMPANY



James G. Routson
Petroleum Engineer

JGR/gb

Received by: _____

Date: _____

Claudia Jones

11/14/83

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LEASE
U-44438

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Main Canyon

8. FARM OR LEASE NAME
Federal

9. WELL NO.
31-10

10. FIELD OR WILDCAT NAME
Fence Canyon

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 31-T15S-R23E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.
43 047 31217

15. ELEVATIONS (SHOW DF, KDB, AND WD)

10

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other Abandon location

2. NAME OF OPERATOR
Beartooth Oil & Gas Company

3. ADDRESS OF OPERATOR
P. O. Box 2564, Billings, Montana 59103

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2300' FEL, 1800 FSL
AT TOP PROD. INTERVAL
AT TOTAL DEPTH:

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

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

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

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

The above location has been abandoned. No dirt work or location disturbance has occurred.

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

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

SIGNED James D. Routson TITLE Petroleum Engineer DATE 11/8/83
James G. Routson
(This space for Federal or State office use)

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

*See Instructions on Reverse Side

RECEIVED
NOV 10 1983

DIVISION OF
OIL, GAS & MINING

3100
(U-922)

January 12, 1984

Beartooth Oil & Gas Company
P. O. Box 2564
Billings, Montana 59103

Re: Rescinded Applications for Permit
to Drill
Well No. 12-10
Section 12, T.13S., R.25E.
Lease U-46730

Well No. 1-9
Section 1, T.13S., R.25E.
Lease U-46730

Well No. 31-10
Section 31, T.15S., R.23E.
Lease U-44438
All in Uintah County, Utah

Gentlemen:

The Applications for Permit to Drill the referenced wells were approved September 27, 1982 and November 15, 1982. We are in receipt of your requests to abandon the locations. We are rescinding the approvals of the referenced per your request.

Sincerely,

(ORIG. SGD.) W. P. MARTENS

you

E. W. Guynn
Chief, Branch of Fluid Minerals

bcc: Vernal District Office
State O&G
State BLM
Well File
APD Control

922:WPMartens:kr:01-12-84:X3024