

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MINERALS MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO. **U-05079 OIL & GAS OPERATIONS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME **Winter Camp** RECEIVED **Oct 18 1982**

8. FARM OR LEASE NAME **SALT LAKE CITY, UTAH**

9. WELL NO. **Hancock Gov't No. 11**

10. FIELD AND POOL, OR WILDCAT **State Line Field**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA **NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-T17S-R25E**

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
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 **650' FNL, 541' FWL**
 At proposed prod. zone **same**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
20 miles northwest of Mack, CO

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) **541**

16. NO. OF ACRES IN LEASE **793.07**

17. NO. OF ACRES ASSIGNED TO THIS WELL **499.62**

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **5400**

19. PROPOSED DEPTH **5036**

20. ROTARY OR CABLE TOOLS **Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5842' GL, 5866' KB

22. APPROX. DATE WORK WILL START*
November 15, 1982

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"
8-3/4"	7" New	20# K-55 STC	900'	150 sacks 50-50 Pozmix
6-1/4"	4 1/2" New	11.6# K-55 LTC	5036'	175 sacks RFC

- Surface formation is the Mesaverde.
- Anticipated geologic markers are: Mancos 470', Castlegate 800', Dakota 4366', Morrison 4570'.
- Gas is anticipated in the Dakota and Morrison. No oil or other minerals are anticipated. Possible water sands are expected in the Mesaverde.
- Proposed casing program: See Item No. 23 above. 7" will be run only if water is encountered.
- Pressure control equipment: See attached well control plan and schematic of 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.

(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 10/5/82
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY E. W. Guynn TITLE District Oil & Gas Supervisor DATE DEC 10 1982
 CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

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

2 state 096

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 : 1981 O - 345-739

7. Auxiliary equipment: See well control plan.
8. The logging program will consist of a DIL log from TD to base of casing, and GR-FDC-SNP or CNL logs from TD to above the Frontier. No cores or DST's are planned.
9. No abnormal pressures or temperatures anticipated. No poisonous gas is anticipated.
10. Anticipated spud date is November 15, 1982. Completion operations should commence within 30 days of rig release.
11. Survey plats are attached.
12. The gas is dedicated to Northwest Pipeline.
13. Designation of Agent forms from Hancock sent to MMS Unit Division in Denver.
14. This well will be drilled under Burton W. Hancock's bond.

minutes of same

Beartooth Oil and Gas Company
Well No. 11
Section 4, T.17S., R.25E.
Grand County, Utah
Lease U-05079

Supplemental Stipulations

CONSTRUCTION:

- 1) Due to the sensitive nature of this location, a Post Construction/ Pre-spud inspection will be required to examine access road, pit construction, and rip-rap (a 48 hour notice will be given).
- 2) The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.
- 3) Use of water from sources such as wells, springs, streams or stock ponds for activities associated with this well will be approved, prior to use, by the agency or individual holding the water right.
- 4) If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the Grand Resource Area Office will be contacted. Salvage or excavation of identified archaeological sites will only be done if damage occurs.
- 5) Improvement to the existing road will not be necessary. The total disturbed width allowed will be as is. The allowable travel surface will be as is. Adequate maintenance will be done to insure drainage control. This will include but not be limited to ditch and crown design and drainage dips.

New road construction on lease U-05079 will be limited to an allowable travel surface width of 18 feet. For construction design and survey refer to class II road standards.

Trees and vegetation will be uphill side of access.

The top 2 inches of soil material will be saved and windrowed along the access route.

- 6) Location: satisfactory as planned - move topsoil to *SE*, excess for rip-rap and on *SW* end.
- 7) The top 6-8 inches of soil material will be removed from the location and stockpiled separate from the trees and vegetation on the *SE* side of the location.

Trees and vegetation will be: stockpiled behind the topsoil.

- 8) The reserve pit will be located on the south side of the location and will be lined with plastic (20 mil or heavier) sufficient to prevent seepage if agreed upon during the pre-spud. Keyway. The reserve pit banks will be 1.5 to 2.0 feet above pad and constructed in 8" lifts, machinery compacted, and sufficiently wide for equipment to pass over.
- 9) Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying. The fence will be 36 inch woven wire plus one strand of barbed wire for support.
- 10) Location will be riprapped on the north and west edges of the location to avoid location being washed away.
- 11) Adequate and sufficient electric/radioactive logs will run to locate and identify anticipated coal beds in the Mesaverde. Please also provide two copies of drilling logs. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the coal resource. Surface casing program may require adjustment for protection of fresh water aquifers.

PRODUCTION

1. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed in the methods described in the rehabilitation section. All of the stockpiled/windrowed topsoil will be used in reclaiming the unused areas.
2. All above-ground production facilities will be painted using the attached suggested colors.
3. Any burning will require a permit from the State Land Forestry and Fire Control office in Moab. Contact Paul Pratt at (801) 259-6316.
4. Production facilities will be located on the ~~east~~ ^{SE} side of the location.
5. All pipelines should follow existing access routes where feasible.

REHABILITATION

1. Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be disposed of in the portable trash cage and will be hauled to a local town dump site. Do not leave any trash in pits.
2. The operator or his contractor will contact the Grand Resource Area BLM office in Moab, Utah, phone (801) 259-8193, 48 hours prior to starting rehabilitation work that involves earthmoving equipment and upon completion of restoration measures.
3. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and any trash (barrels, metal etc.) it contains will be removed from public lands.
4. All disturbed areas will be recontoured to blend as nearly as possible with the surrounding area.
5. The stockpiled/windrowed topsoil will be evenly distributed over the disturbed area.
6. All disturbed areas will be scarified with the contour to a depth of 10 inches. Do not smooth pads out, leave a roughened surface.
7. Seed will be broadcast/drilled at a time to be specified by the BLM with the following seed prescription. When broadcast seeding, a harrow or some such implement will be dragged over the seeded area to assure seed cover.
8. After seeding is complete the stockpiled trees and vegetation will be scattered evenly over the disturbed areas and walked down with a dozer. The access will be blocked to prevent any use/vehicle use.
9. Waterbars will be used as needed on all sloping surfaces as shown below:

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



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

Cisco Desert and Flats below the Bookcliffs:

Dynasty Green	(Sears)
Tumbleweed	(Pratt & Lambert)
Sage Gray	(Pratt & Lambert)

Bookcliffs Region:

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

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

SEED MIXTURE

<u>Species</u>		<u>Rate</u> <u>lbs/acre</u>
<u>Grasses</u>		
Elymus salinus	Salina wildrye	1
Hilaria jamesii	Galleta (Curlygrass)	1
Oryzopsis hymenoides	Indian ricegrass	1
<u>Forbs</u>		
Helianthus annuus	Common sunflower (Kansas sunflower)	.5
Melilotus officinalis	Yellow sweetclover	.5
Sphaeralcea coccinea	Scarlet globemallow	.5
<u>Shrubs</u>		
Atriplex canescens	Fourwing saltbush (White greasewood)	1
Eurotia lanata	Winterfat (Whitesage)	<u>1.5</u>
	Total	7

Broadcast seed will be applied at double the above rate.

Seeding will be done in the fall of the year (Oct. - Dec.)

Your Application for Permit to Drill also included a submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

- (1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.
- (2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.
- (3) All disturbed areas not required for operations will be rehabilitated.
- (4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.
- (5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.
- (6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.
- (7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.
- (8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.
- (9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.
- (10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.
- (11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.
- (12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.

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

Hancock Government No. 11
NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-T17S-R25E
Grand 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 - Figure No. 1
- B. Route and distance from nearest town or locatable reference point to where well access route leaves main road: 8 miles west of Mack, Colorado on U. S. 6 and 50, southwesterly on unimproved dirt road for 807' to beginning of proposed access road. See Area Map, Figure 2, and Road Map, Figure No. 3.
- C. Access road(s) to location color-coded or labeled: Figure No. 4
- D. If exploratory well, all existing roads within a 3-mile radius (including type of surface, conditions, etc.): N/A
- E. If development well, all existing roads within a 1-mile radius of wellsite: All existing roads are shown on Figure No. 4
- F. Plans for improvement and/or maintenance of existing roads: Occasional blading is done by producing and pipeline companies in the area.

2. Planned Access Roads See Figure No. 4

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

- (1) Width & Disturbance: The 6800' of new road will have an 18' driving surface. Disturbed width will vary with topography from 30' to 80'.
- (2) Maximum grades: Maximum grade will be 8% except for one short 10% grade to cross a rim.
- (3) Turnouts: No turnouts required.
- (4) Drainage design: Natural drainage; road will follow contour of the land. Four low water crossings will be used.
- (5) Location and size of culverts and brief description of any major cuts and fills: Two 30" CMP's will be used, see Fig. No. 4. A 30' cut will be necessary for approx. 200' as shown on Fig. No. 4.
- (6) Surfacing material: Native material only; no material will be brought in.
- (7) Necessary gates, cattleguards, or fence cuts: None
- (8) New or reconstructed roads are to be center-line flagged at time of location staking: The road is flagged as follows:

(8) - continued

The proposed access road will begin at a finger ridge on an old road leading to an abandoned drill hole. Proceed Northwesterly on the Northeast side of the ridge and ascend at approximately 4% through a moderate cover of Juniper with scattered Pine. At approximately 1,800 feet a small rim is encountered and approximately 2,700 feet is the top of a ridge. Proceed Northwesterly on West side of this ridge, descending at 3% for 1,400 feet into a secondary flowline running Southwest. Ascend at 8% to the West for approximately 100 feet through the proposed thru-cut, then turn Northwesterly descending at 3% for approximately 800 feet, enter the flowline of a main drainage. Continue up this main drainage cutting through 4 goosenecks, entering the proposed location at the Southeast corner.

3. Location of Existing Wells

Two-mile radius map if exploratory, or 1-mile radius map if development well showing and identifying existing (see Figure No. 4-A)

- (1) Water wells: None
- (2) Abandoned wells: Two
- (3) Temporarily abandoned wells: None
- (4) Disposal wells: None
- (5) Drilling wells: Two
- (6) Producing wells: Two
- (7) Shut-in wells: None
- (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: Wellheads, separators and meter runs at wells shown on Figure No. 4-A.
- (3) Oil gathering lines: None
- (4) Gas gathering lines: See Pipeline Map
- (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 existing pad.
- (2) Dimensions of facilities: See Plat No. 4B. 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. 4B.
- (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 supply for this well will be West Salt Creek. The pick up point will be 3 miles west of Mack, Colorado in Section 30-T9S-R103W, 6th PM.

B. State method of transporting water and show any roads or pipelines needed: Water will be transported by truck over the existing roadways and proposed access.

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.

(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 a 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.

9. Wellsite Layout

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

- (1) Cross sections of drill pad with cuts and fills: See Figure No. 6
- (2) Location of mud tanks, reserve, burn and trash pits, pipe racks, living facilities, and soil material stockpiles: See Figures No. 5 & 7
- (3) Rig orientation, parking areas and access roads: See Figure No. 7.
- (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: This location sets in a canyon at the foot of the Book Cliffs. Soils are shallow and rocky. Vegetation is Pinion-Juniper with a sparse grass understory. Mule deer, coyotes, lizards, rodents, and birds frequent the area.
- (2) Other surface use activities and surface ownership of all involved lands: All land involved is Federal land.
- (3) Proximity of water, occupied dwellings, archeological, historical or cultural sites: The closest occupied dwelling is the San Arroyo gas plant 3.5 miles N.E. of the location. The nearest perennial water is in East Canyon 5½ miles west.

A cultural resource inventory will be made and sent to the BLM in Moab, Utah.

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

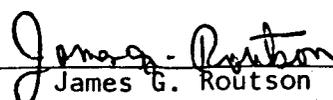
13: Certification

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.

10/6/82

Date


James G. Routson

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 900' and cemented with 150 sacks. The intermediate spool will be 10" - 900 x 10" - 900 series with two 2" 2000 psi L.P. outlets. 7" will be run only if water is encountered in the Mesaverde.
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" 2000 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 1000 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 1000 psi at 5000' or a gradient of .20 psi/ft or less. No abnormal temperatures or hydrogen sulfide gas are anticipated.

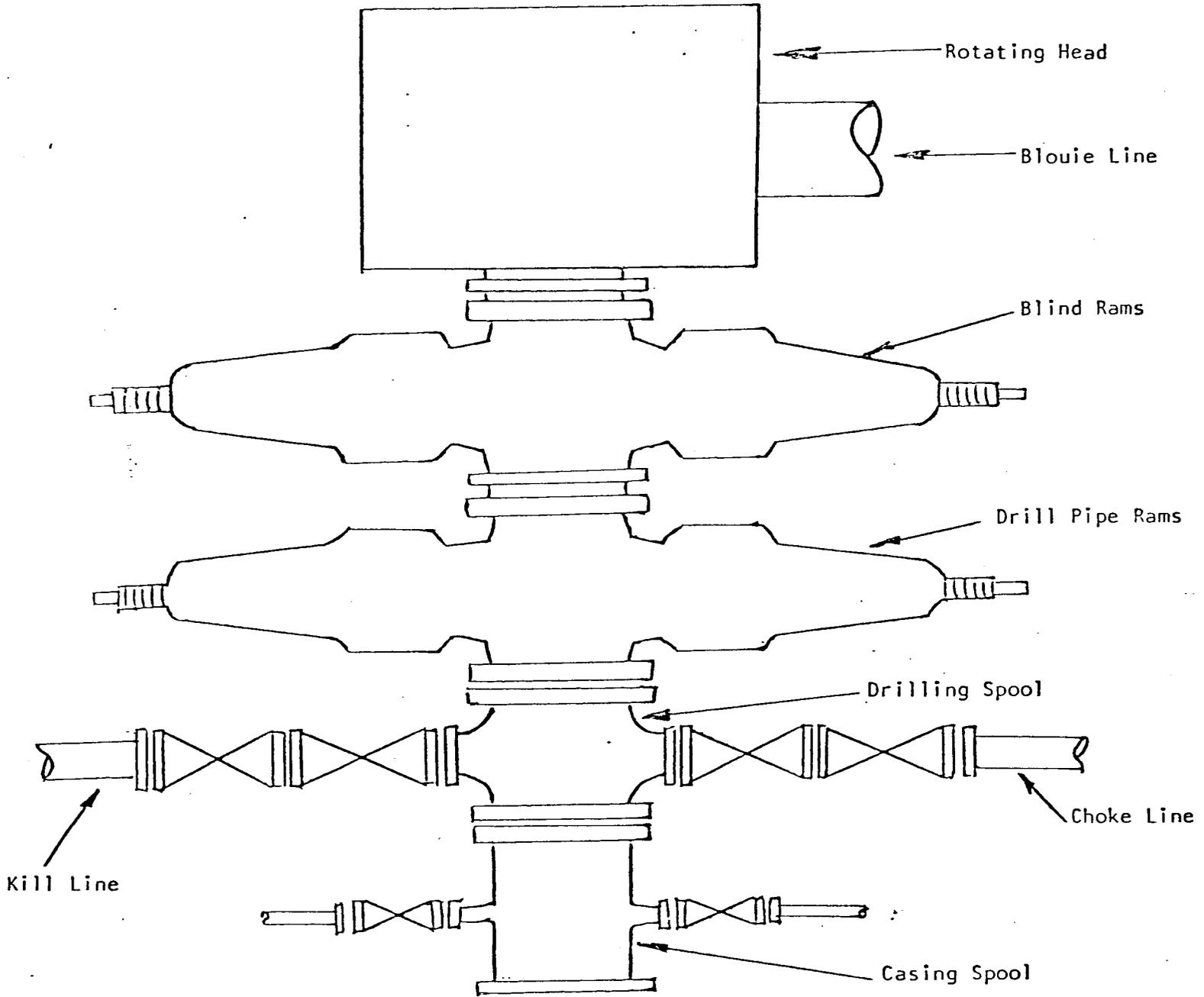
BEARTOOTH OIL & GAS COMPANY

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

SCHEMATIC OF BOP STACK

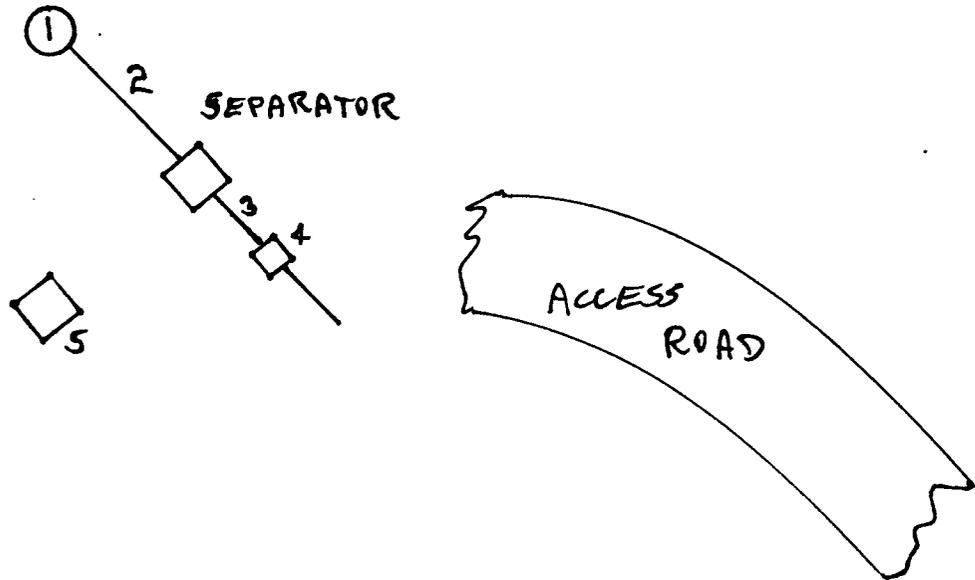
Air drilled wells using 900 series wellhead equipment.

Interval from 300' to total depth.



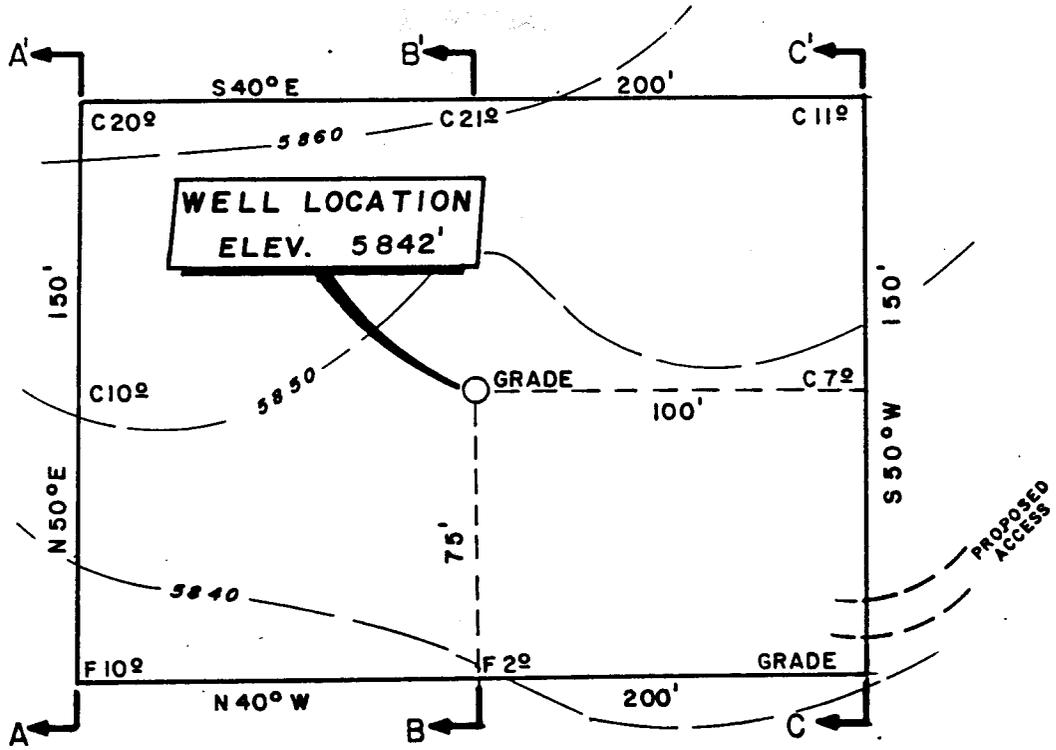
FACILITIES PLAT - PLAT NO. 4-B

Hancock Gov't No. 11



1. Wellhead will be a 6" - 900 series flanged top. Tubing head will be 10" - 900 x 6" - 3000 psi with two 2" 3000 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. Pit, if necessary, will be 8' x 8', enclosed by dikes and fenced.

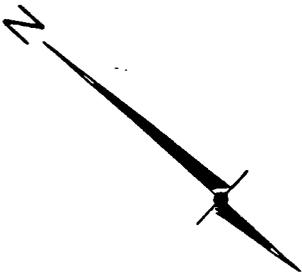
PAD TOPOGRAPHY



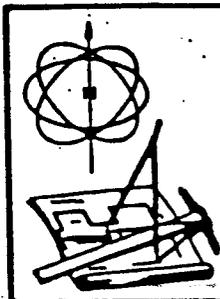
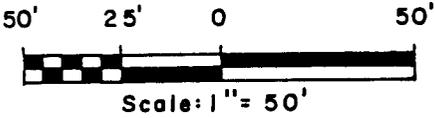
REF. PT. 200' NORTH ELEV. 5916'
 REF. PT. 200' EAST ELEV. 5882'
 REF. PT. 200' SOUTH ELEV. 5847'
 REF. PT. 200' WEST ELEV. 5832

SOIL: SANDY CLAY

VEGETATION: 50% JUNIPER & GRASSES



CONTOUR INTERVAL : 10'



ARMSTRONG ENGINEERS and ASSOCIATES, INC.
 ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING
 861 ROOD AVENUE - GRAND JUNCTION, COLORADO 81501 - (303) 245-3861

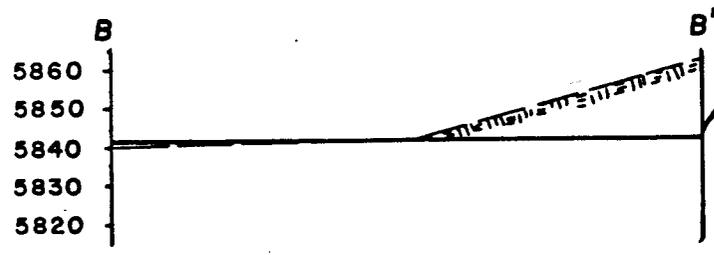
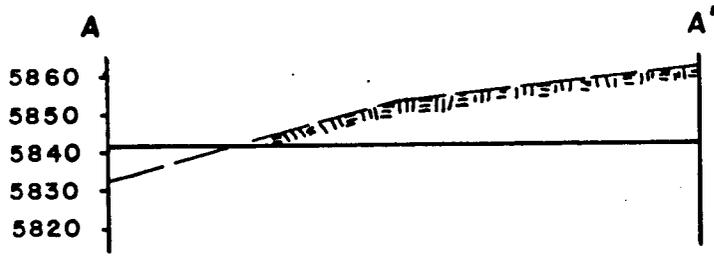
SCALE 1" = 50'
 DATE 7-13-82
 DRAWN BY
 CHECKED BY
 DATE OF SURVEY 7-2-82

BURTON HANCOCK
 HANCOCK GOV-T # 11.

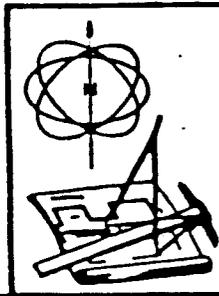
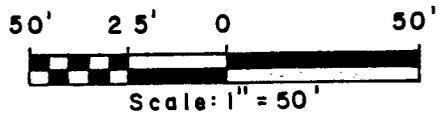
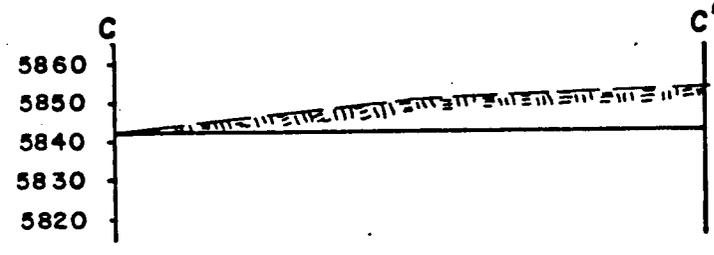
FIGURE 5

JOB NUMBER
 823951

CROSS SECTIONS



**PROPOSED PAD
ELEV. 5842'**



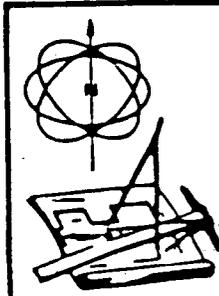
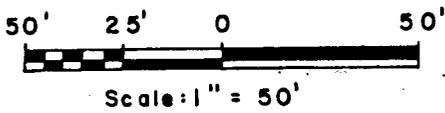
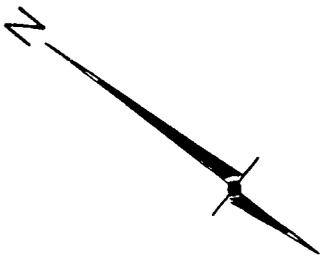
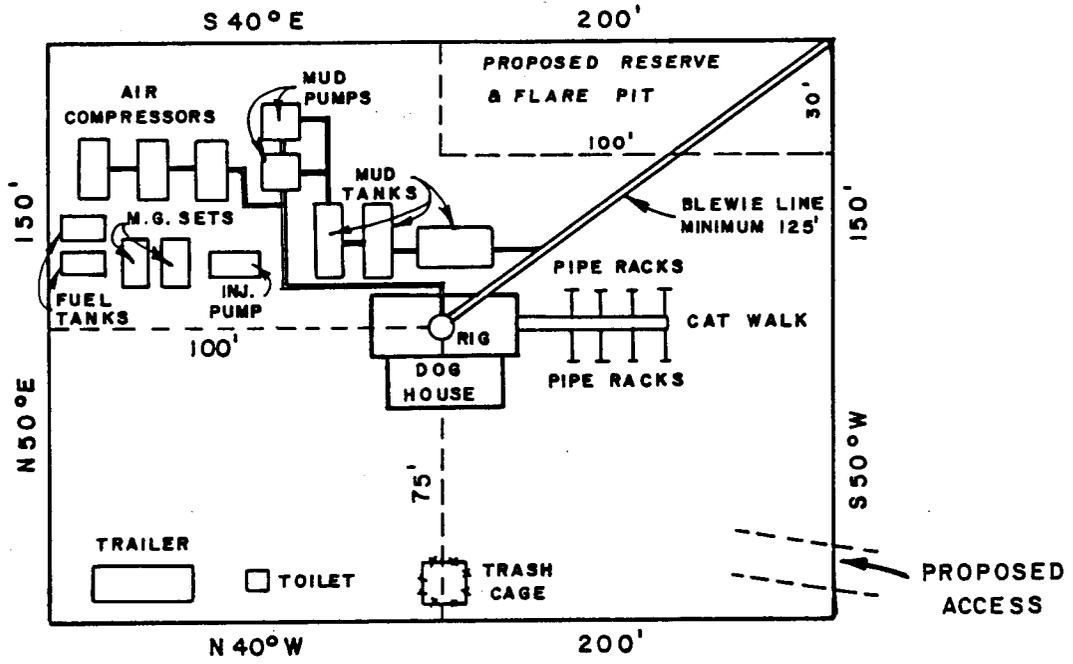
ARMSTRONG ENGINEERS and ASSOCIATES, INC.
 ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING
 861 ROOD AVENUE — GRAND JUNCTION, COLORADO 81501 — (303) 245-3861

SCALE 1" = 50'
 DATE 7-13-82
 DRAWN BY EAG
 CHECKED BY
 DATE OF ISSUE 7-2-82

BURTON HANCOCK
HANCOCK GOV'T # 11

FIGURE 6 **JOB NUMBER 823951**

RIG LAYOUT



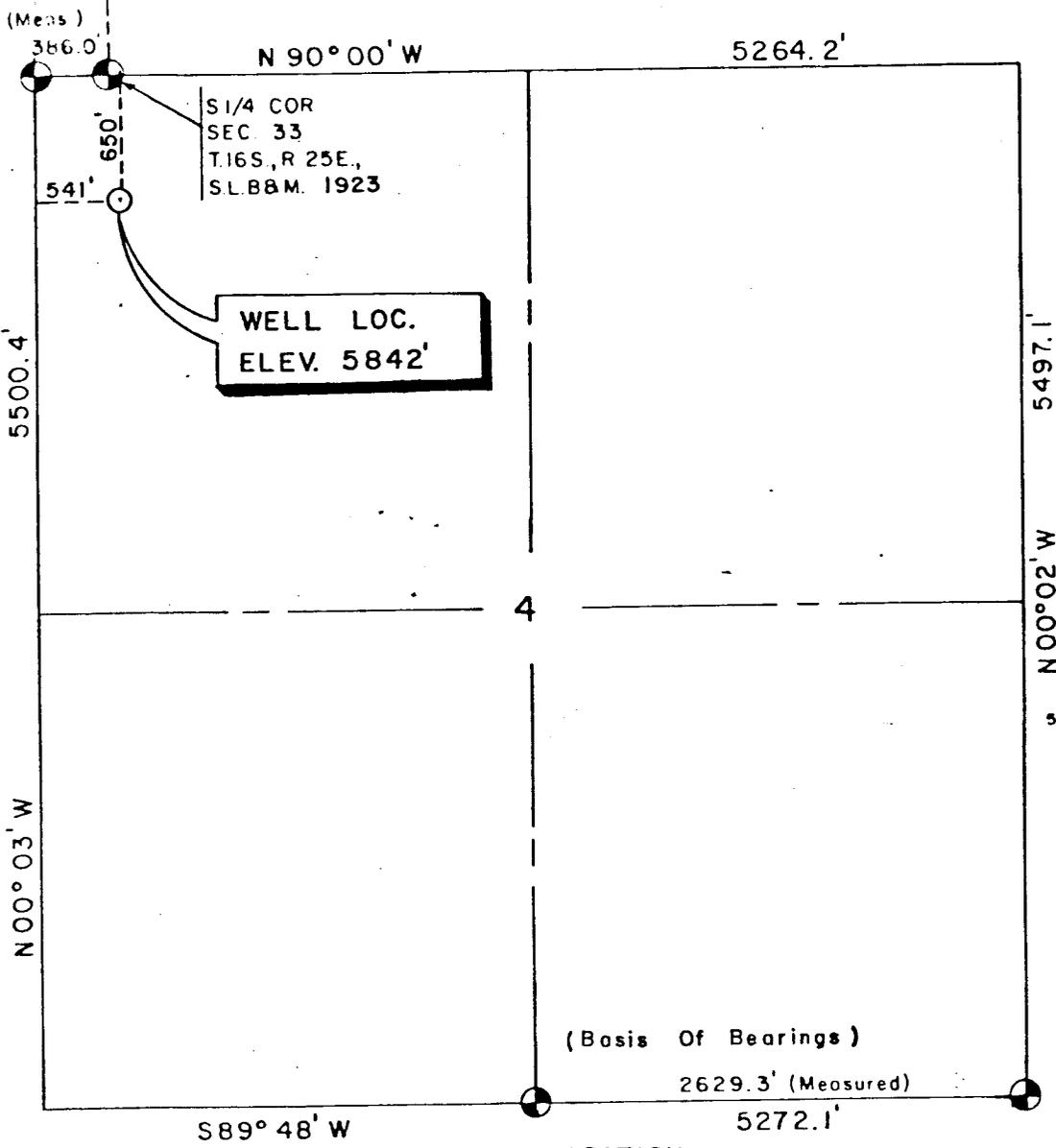
ARMSTRONG ENGINEERS and ASSOCIATES, INC.
 ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING
 861 ROOD AVENUE - GRAND JUNCTION, COLORADO 81501 - (303) 245-3861

SCALE 1" = 50'
 DATE 7-28-82
 DRAWN BY EAG
 CHECKED BY
 APPROVED BY

BURTON HANCOCK
 HANCOCK GOV'T # 11

FIGURE 7

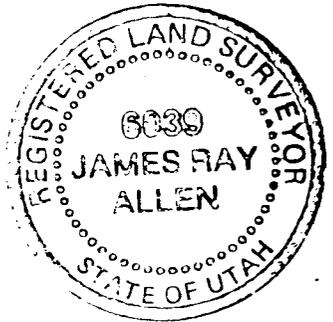
JOB NUMBER
 823952



**WELL LOC.
ELEV. 5842'**

WELL LOCATION
 650 FT. F.N.L. — 541 FT. F.W.L.
 SECTION 4, T.17S., R.25E., S.L.B & M.
 GRAND COUNTY, UTAH

BEA TOOTH O & G Co



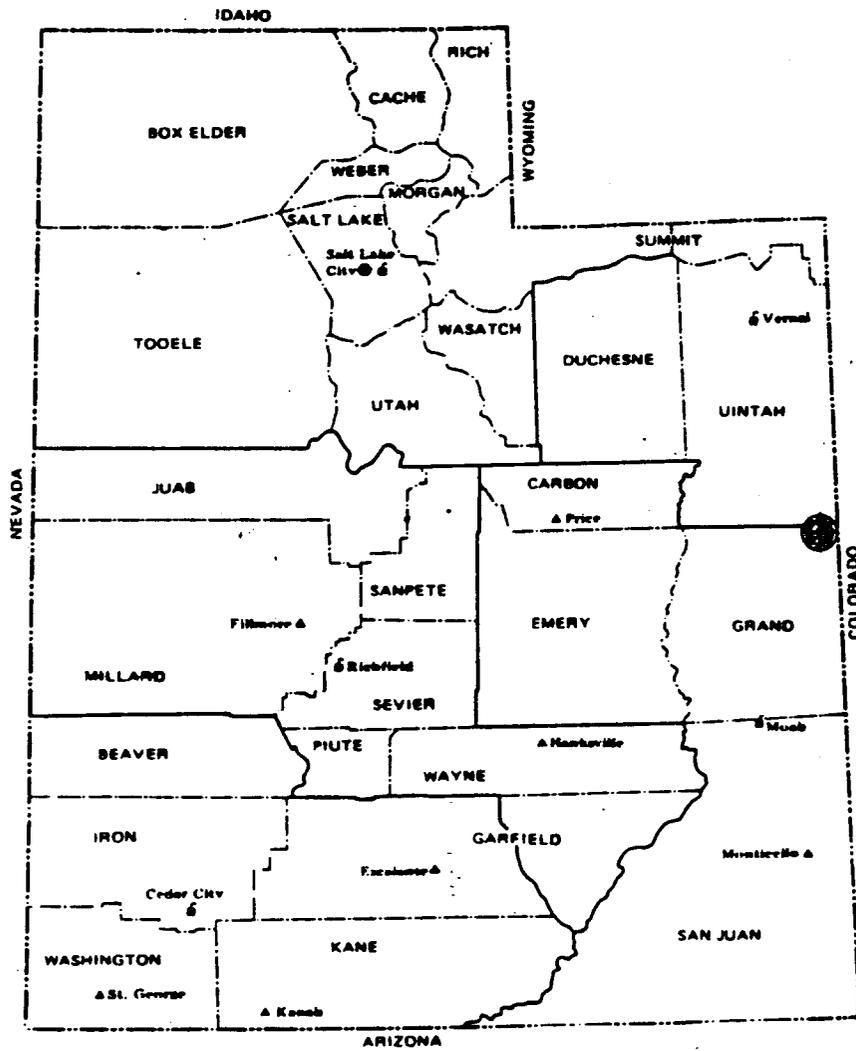
SURVEYOR'S CERTIFICATE

I, James R. Allen a registered land surveyor in the State of Utah, do hereby certify that this survey was made under my direct supervision and that this plat represents said survey.

James R. Allen
 JAMES R. ALLEN LS 6039

	ARMSTRONG & ASSOCIATES, INC. ENGINEERS • SURVEYS • U.S. MINERAL SURVEYORS 861 Road Avenue-Grand Junction, Colorado 81501-303/245-3881	
	SCALE 1" = 1000' DATE 07/09/82 DRAWN BY LHS	BURTON HANCOCK HANCOCK GOV'T # 11
	CHECKED BY JRA DATE OF SURVEY 07/02/82	FIGURE 1
	JOB NUMBER 823951	

AREA MAP



PROPOSED
LOCATION

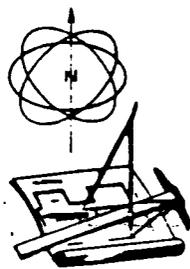


UTAH

PROPOSED WELL LOCATION
HANCOCK GOV'T #11
NW $\frac{1}{4}$ NW $\frac{1}{4}$ SEC. 4, T.17S., R.25E.,
SALT LAKE B & M.
APPROX. 20 MILES N-NW OF
MACK, COLORADO

LEGEND

- State Office
- District Office
- ▲ Area Office
- BLM District Boundaries
- - - - - County Boundaries



ARMSTRONG ENGINEERS and ASSOCIATES, INC.
ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING
861 ROOD AVENUE — GRAND JUNCTION, COLORADO 81501 — (303) 245-3861

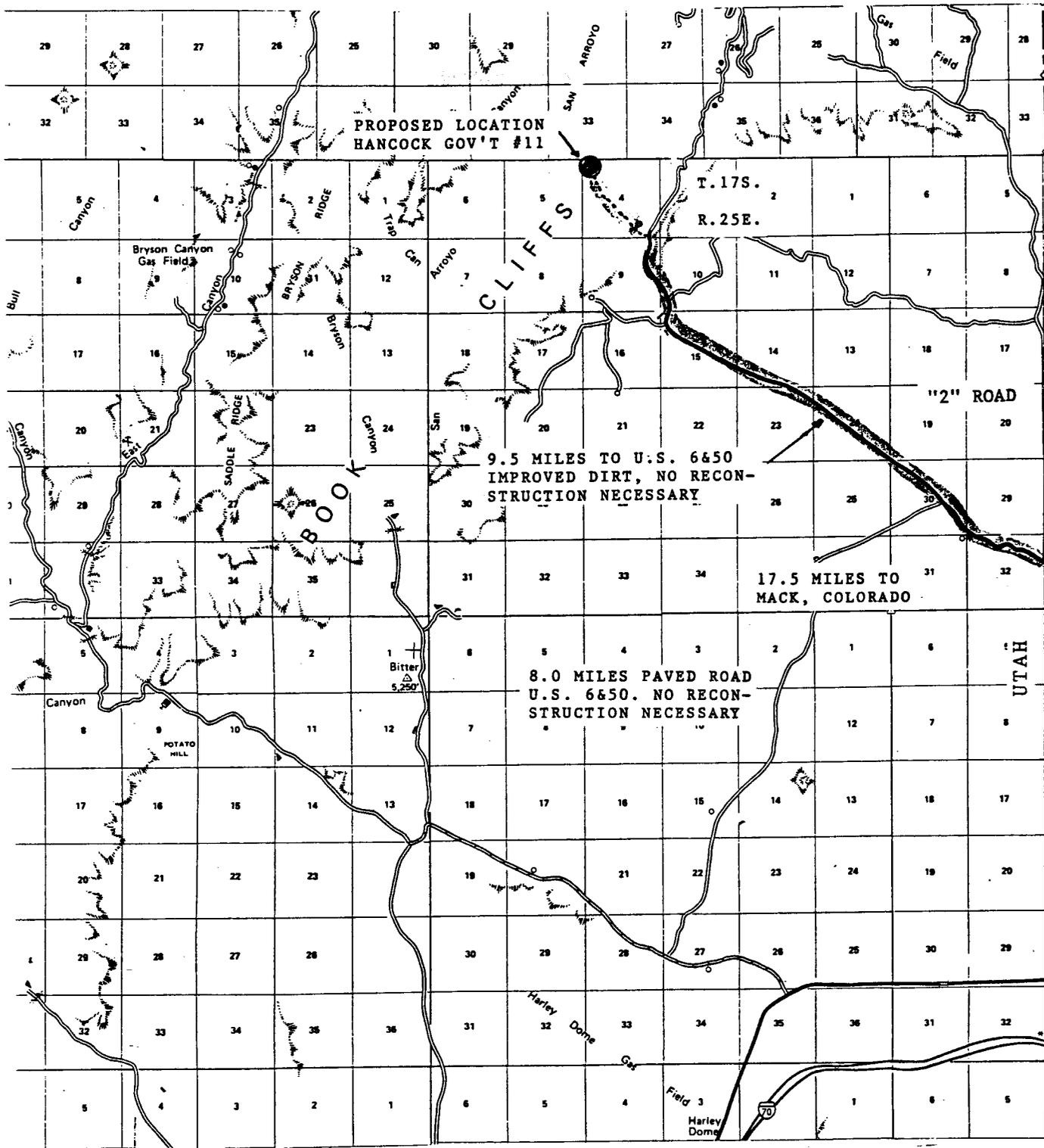
SCALE 1"=74 MI
DATE 7/12/82
DRAWN BY LHS
CHECKED BY JRA
DATE OF REV 7/02/82

HANCOCK GOV'T #11

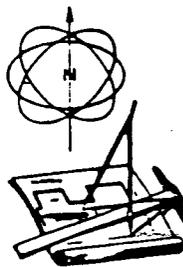
FIGURE 2

JOB NUMBER
823951

EXISTING ROADS



GENERAL HIGHWAY MAP
 GRAND COUNTY
 UTAH
 1977



ARMSTRONG ENGINEERS and ASSOCIATES, INC.
 ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING
 861 ROOD AVENUE - GRAND JUNCTION, COLORADO 81501 - (303) 245-3861

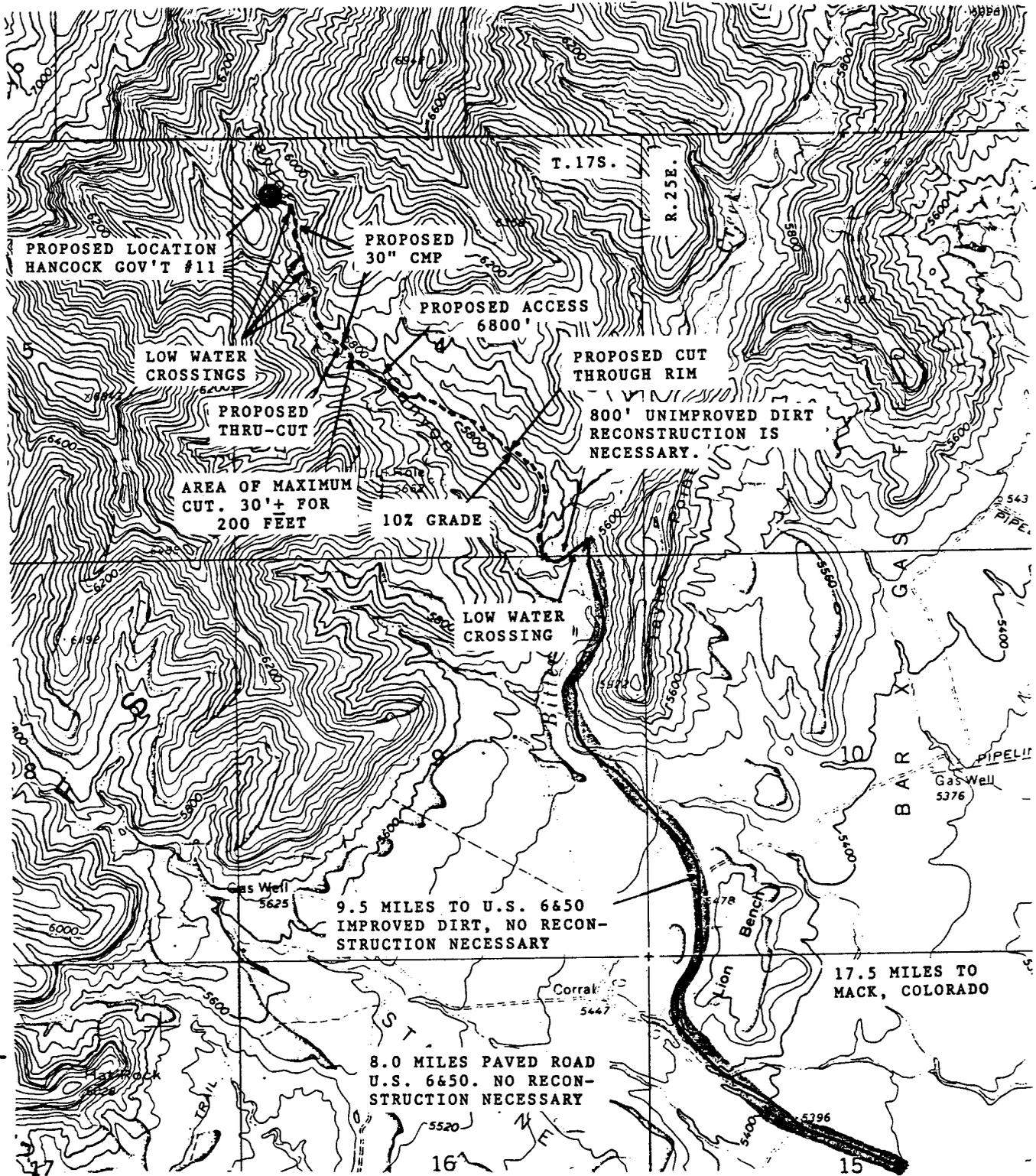
SCALE 1" = 2MI
 DATE 7/12/82
 DRAWN BY LHS
 CHECKED BY JRA
 DATE 7/02/82

HANCOCK GOV'T #11

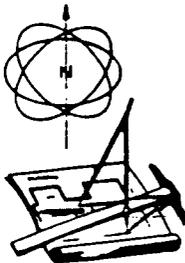
FIGURE 3

JOB NUMBER
 823951

PLANNED ACCESS ROADS



BRYSON CANYON, UTAH
 N3915-W10907.5/7.5
 1970
 AMS 4162 I SW - SERIES V897



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 861 ROOD AVENUE - GRAND JUNCTION, COLORADO 81501 - (303) 245-3861

SCALE 1" = 2000
 DATE 7/12/82
 DRAWN BY LHS
 CHECKED BY JRA
 DATE OF SURVEY 7/02/82

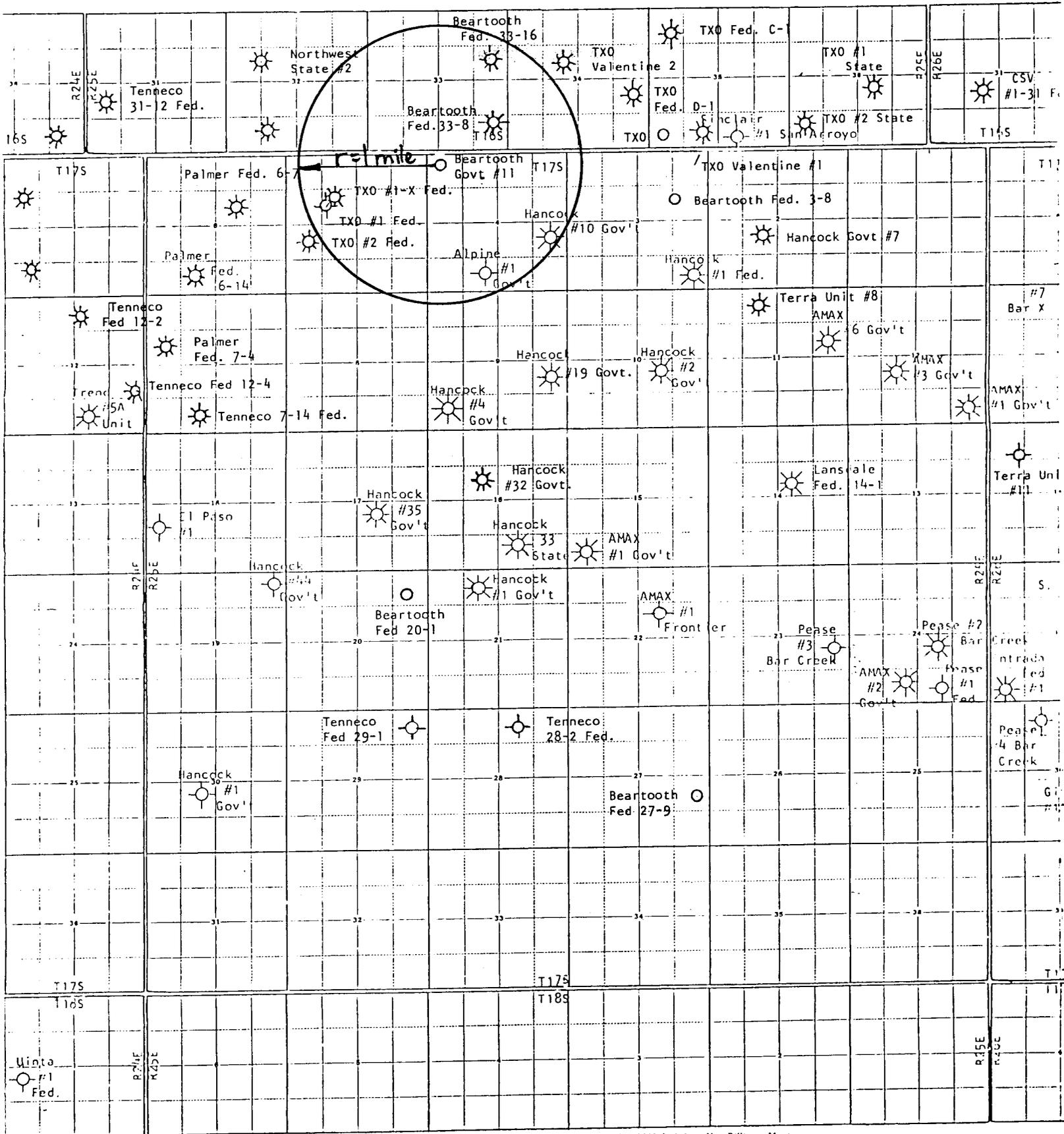
HANCOCK GOV'T #11

FIGURE 4

JOB NUMBER
 823951

FIGURE NO. 4-A

Township 16, 17, 18S, Range 24, 25, 26E, County Grand, State Utah



Form 55 Island Township Plat Reorder from Billings Blue Print Co., 2913 2nd Ave. No. Billings, Montana

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 650' FNL, 541' FWL
 At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
 20 miles northwest of Mack, CO

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 541

16. NO. OF ACRES IN LEASE 793.07

17. NO. OF ACRES ASSIGNED TO THIS WELL 499.62

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 5400

19. PROPOSED DEPTH 5036

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5842' GL, 5866' KB

22. APPROX. DATE WORK WILL START*
 November 15, 1982

RECEIVED

DIVISION OF
OIL, GAS & MINING

NOT EX 1982

5. LEASE DESIGNATION AND SERIAL NO.
U-05079

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Winter Camp

8. FARM OR LEASE NAME
Government

9. WELL NO.
Hancock Gov't No. 11

10. FIELD AND POOL OR WILDCAT
~~UNDESIGNATED~~
 State Line Field

11. SEC., T., E., M., OR BLEK. AND SURVEY OR AREA
 NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-T17S-R25E

12. COUNTY OR PARISH Grand

13. STATE Utah

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"
8-3/4"	7" New	20# K-55 STC	900'	150 sacks 50-50 Pozmix
6-1/4"	4 1/2" New	11.6# K-55 LTC	5036'	175 sacks RFC

- Surface formation is the Mesaverde.
- Anticipated geologic markers are: Mancos 470', Castlegate 800', Dakota 4366', Morrison 4570'.
- Gas is anticipated in the Dakota and Morrison. No oil or other minerals are anticipated. Possible water sands are expected in the Mesaverde.
- Proposed casing program: See Item No. 23 above. 7" will be run only if water is encountered.
- Pressure control equipment: See attached well control plan and schematic of 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.

(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 10/5/82
 James G. Routson

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

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

DATE: 10-19-82
 BY: [Signature]

CONDITIONS OF APPROVAL, IF ANY:

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 : 1981 O - 345-739

7. Auxiliary equipment: See well control plan.
8. The logging program will consist of a DIL log from TD to base of casing, and GR-FDC-SNP or CNL logs from TD to above the Frontier. No cores or DST's are planned.
9. No abnormal pressures or temperatures anticipated. No poisonous gas is anticipated.
10. Anticipated spud date is November 15, 1982. Completion operations should commence within 30 days of rig release.
11. Survey plats are attached.
12. The gas is dedicated to Northwest Pipeline.
13. Designation of Agent forms from Hancock sent to MMS Unit Division in Denver.
14. This well will be drilled under Burton W. Hancock's bond.

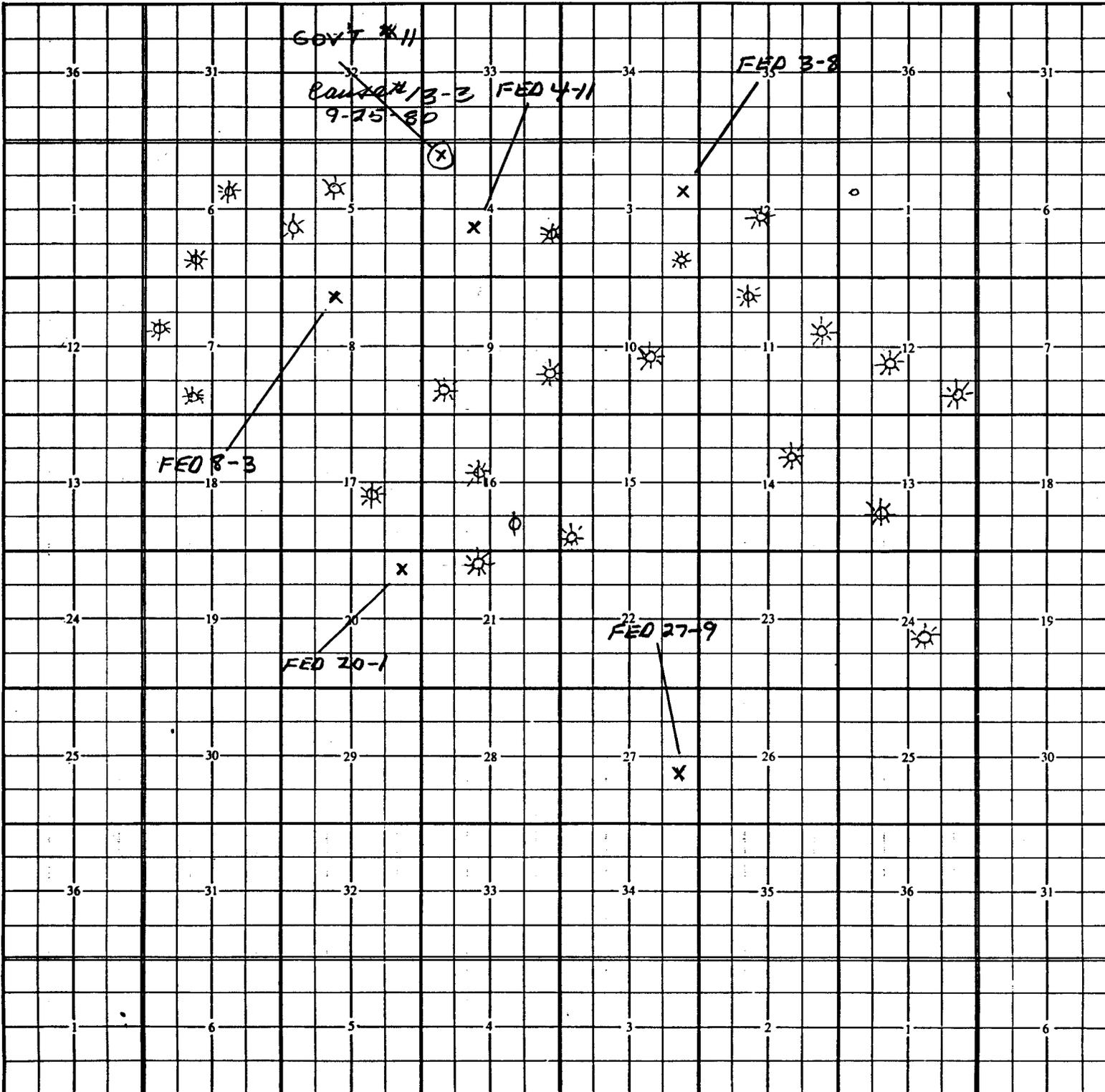
minutes of same

TOWNSHIP PLAT

Owner BEARTOOTH Date 10-18-82

Township 175 Range 25E County GRAND

X = PROPOSED SITES FOR HANCOCK WELLS



OPERATOR BEARTOOTH OIL & GAS CO DATE 10-19-82

WELL NAME HANCOCK COU'T #11

SEC NW NW 4 T 17S R 25E COUNTY GRAND

43-019-31011
API NUMBER

FED
TYPE OF LEASE

POSTING CHECK OFF:

INDEX

HL

NID

PI

MAP

PROCESSING COMMENTS:

RIF ✓

APPROVAL LETTER:

9-30-77

SPACING: A-3 WATER CAMP
UNIT

c-3-a _____ CAUSE NO. & DATE

c-3-b

c-3-c

SPECIAL LANGUAGE:

October 19, 1982

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

RE: Well No. Hancock Gov't. #11
NWNW Sec. 4, T.17S, R.25E
Grand County, Utah

Gentlemen:

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:

RONALD J. FIRTH - Engineer
Office: 533-5771
Home: 571-6068

OR

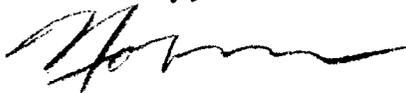
CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

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 43-019-31011.

Sincerely,



Norman C. Stout
Administrative Assistant

NCS/as
cc: Minerals Management Service
Enclosure

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Beartooth Oil & Gas

WELL NAME: Hancock Government Federal #11

SECTION NWNW 4 TOWNSHIP 17S RANGE 25E COUNTY Grand

DRILLING CONTRACTOR Veco Drilling

RIG # 2

SPUDDED: DATE 12-28-82

TIME 6:00 PM

How Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Grace

TELEPHONE # 416-259-2451

DATE January 4, 1983 SIGNED AS

NOTICE OF SPUD

file M.

Company: Beartooth

Caller: Grace

Phone: 406-259-2451

Well Number: Hancock #11

Location: NW NW 4-175-25E

County: Grand State: _____

Lease Number: U-05079

Lease Expiration Date: _____

Unit Name (If Applicable): Wirtle Camp

Date & Time Spudded: 6:00 PM 12-28-82

Dry Hole Spudder Rotary: _____

Details of Spud (Hole, Casing, Cement, etc.) _____

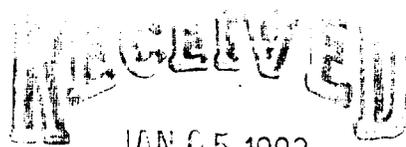
Rotary Rig Name & Number: Veco Hrl. #2

Approximate Date Rotary Moves In: _____

FOLLOW WITH SUNDRY NOTICE

Call Received By: M. Law

Date: 1-4-82



JAN 05 1982

DIVISION OF
OIL GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other

2. NAME OF OPERATOR
Beartooth Oil & Gas Company

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 650' FNL, 541' FWL
AT TOP PROD. INTERVAL: same
AT TOTAL DEPTH: same

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)		Status Report	

5. LEASE
U-05079

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Winter Camp

8. FARM OR LEASE NAME
Government

9. WELL NO.
Hancock Gov't No. 11

10. FIELD OR WILDCAT NAME
State Line Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-17S-25E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.
43-019-31011

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5842' GL, 5852' KB

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

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

Spudded 13-3/4" surface hole at 6:00 PM 12/28/82 with rotary rig.

Ran 8 joints 9-5/8", 32.3#, H-40, casing to 328' KB. Cemented with 275 sacks Class "H", 3% CaCl₂, 1/4#/sx celloflakes. Plug down at 4:15 AM 12/31/82. Good returns.

Ran 42 joints 7", 23# casing to 1432' KB. Cemented with 150 sacks Class "G", 2% CaCl₂. Plug down at 10:30 AM 1/2/82. Good returns.

Total Depth 5041'. Ran 4 1/2" 10.5# J-55 casing to 5023'. Cemented with 175 sacks RFG. Plug down at 5:00 PM 1/9/83.

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

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

SIGNED Grace E. Brown TITLE Drilling Dept. DATE 1/10/83
Grace E. Brown

(This space for Federal or State office use)

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

RECEIVED
JAN 12 1983

*See Instructions on Reverse Side

**DIVISION OF
OIL, GAS & MINING**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.6

3
4

5. LEASE DESIGNATION AND SERIAL NO.

U-05079

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Winter Camp

8. FARM OR LEASE NAME

Government

9. WELL NO.

Hancock Gov't No. 11

10. FIELD AND POOL, OR WILDCAT

State Line Field

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

NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-17S-25E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

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
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 650' FNL, 541' FWL
At top prod. interval reported below same
At total depth same

14. PERMIT NO. 43-019-31011
DATE ISSUED 10/19/82

15. DATE SPUNDED 12/28/82
16. DATE T.D. REACHED 1/8/83
17. DATE COMPL. (Ready to prod.) 1/28/83
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5842' GL, 5852' KB
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5041'
21. PLUG, BACK T.D., MD & TVD 4989'
22. IF MULTIPLE COMPL., HOW MANY* commingled
23. INTERVALS DRILLED BY → 0-TD
ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4664-4668 - Morrison
4411-4472 - Dakota
25. WAS DIRECTIONAL SURVEY MADE
no

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL GR/CDL/CNL
27. WAS WELL CORRED
no

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32.3#, H-40	328' KB	13-3/4"	275 sacks Class "H"	
7"	23#	1432' KB	8-3/4"	150 sacks Class "G"	
4-1/2"	10.5#, J-55	5023' KB	6-1/4"	175 sacks RFC	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4778'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4664 and 4668	2 shots, .31" dia.	4411-4472	600 gal 15% MR acid; foam fract w/ 20,000# 100 mesh sand, 80,000# 20-40 sand in 475 bbls 5% HCl foamed to 75 quality foam with 2,000,000 scf nitrogen.
4472, 4464, 4459, 4433, 4420, 4411	6 shots - .31" dia holes		

33.* PRODUCTION
DATE FIRST PRODUCTION 1/26/83
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
Morrison 1/20/83	2 1/2 hrs	1"	→		393		
Dakota 1/26/83	24	7/8"	→		635		
FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
Morrison 25 psi	155	→		3,769			
Dakota 25 psi	270	→		635			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
to be sold
TEST WITNESSED BY
Ralph Snow

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED James G. Routson TITLE Petroleum Engineer DATE 2/9/83

*(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 furnished 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP		TRUE VERT. DEPTH
	MEAS. DEPTH	TOP	
Dakota Silt	4284'		
Dakota Sand	4356'		
Morrison	4568'		
Salt Wash	4856'		

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 Hancock Gov't No. 11
Operator Beartooth Oil & Gas Company Address P. O. Box 2564, Billings, MT 59103
Contractor Veco Drilling Company Address P. O. Box 1705, Grand Junction, CO
Location NW 1/4 NW 1/4 Sec. 4 T. 17S R. 25E County Grand

Water Sands

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

(Continue of reverse side if necessary)

Formation Tops

Remarks

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

STATE OF UTAH
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 Hancock Gov't No. 11
Operator Beartooth Oil & Gas Company Address P. O. Box 2564, Billings, Montana
Contractor Veco Drilling Company Address P. O. Box 1705, Grand Junction, CO.
Location NW 1/4 NW 1/4 Sec. 4 T. 17S R. 25E County Grand

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	From	To	Flow Rate or Head	Fresh or Salty
1.	4500	4518	not measured	salty
2.				
3.				
4.				
5.				

(Continue of reverse side if necessary)

<u>Formation Tops</u>	Dakota Silt 4284'
	Dakota Sand 4356'
	Morrison 4568'
<u>Remarks</u>	Salt Wash 4856'

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

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-05079
2. NAME OF OPERATOR Beartooth Oil & Gas Company		6. IF INDIAN, ALLOTTED OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 2564, Billings, Montana 59103		7. UNIT AGREEMENT NAME Winter Camp
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 650' FNL, 541' FWL		8. FARM OR LEASE NAME Federal
14. PERMIT NO. 43-019-31011	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5842' GL, 5852' KB	9. WELL NO. Hancock Gov't No. 11
		10. FIELD AND POOL, OR WILDCAT Undesignated
		11. SEC., T., R., M., OR BLE. AND SURVEY OR ARRA NW¼NW¼ Sec. 4-17S-25E
		12. COUNTY OR PARISH Grand
		13. STATE Utah

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"/>	FULL 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 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"/>	(Other) <input type="checkbox"/>
(Other) <input type="checkbox"/>	Change of Operator <input checked="" 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.)*

The Operator for the above well has been changed back to:

 Burton W. Hancock
 1799 Hamilton Avenue
 San Jose, California 95125

RECEIVED

 MAY 25 1984

 DIVISION OF OIL
 GAS & MINING

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

SIGNED Robert D. Ballantyne TITLE Drilling Supervisor DATE 5/22/84
Robert D. Ballantyne
 (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 DUPLICATE

(See other instructions on reverse side)

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

4

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
Burton W. Hancock

3. ADDRESS OF OPERATOR
1799 Hamilton Avenue, San Jose, CA 95125

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 650' fnl, 541' fwl
At top prod. interval reported below
At total depth

RECEIVED
SEP 03 1985

DIVISION OF OIL
GAS & MINING

14. PERMIT NO. 43-019-31011 DATE ISSUED 10-19-82

5. LEASE DESIGNATION AND SERIAL NO.

U-05079

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Winter Camp

8. FARM OR LEASE NAME

Government

9. WELL NO.

Hancock Gov't No. 11

10. FIELD AND POOL, OR WILDCAT

Undesignated State field

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

NW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec 4

T17S, R25E, S1B&M

12. COUNTY OR PARISH

Grand

13. STATE

Utah

15. DATE SPUNDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

12-28-82 1-8-83 1-28-83 5842' GL, 5852' KB

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

5041' 4989' Dual

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

4664-4668 Morrison

4411-4472 Dakota

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1 $\frac{1}{2}$ "	4754.23	4572.88

31. PERFORATION RECORD (Interval, size and number)

INTERVAL (MD)	SIZE	NUMBER

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION 1-26-83 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

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

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

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

Sold

35. LIST OF ATTACHMENTS

Well Completion Report dated 2-9-83

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

SIGNED 5/5 Burton W. Hancock TITLE Operator DATE August 26, 1985

850906

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

U-05079

PGW

033136

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.)

Federal

Govt. No. 11

Bar-X

NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-T17S-R25E

Grand

Utah

1. OIL WELL GAS WELL OTHER

Burton W. Hancock

404 Petroleum Building, Billings, Montana 59101

See also space 17 below.)

At surface

650' FNL, 541' FWL

43-019-31011

5841' GL, 5852' KB

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 COMPLETION

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

(Other) Temporarily Shut-in

(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.)*

Burton W. Hancock hereby requests a one-year shut-in status for this well. Due to low productivity and low gas prices (less than \$1.20/mcf), the well has been operated at a loss over the past year.

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

SIGNED

James D. Runtan

TITLE

Consulting Petroleum Engineer

DATE

March 25, 1987

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

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

Federal approval of this action is required before commencing operations.

*See Instructions on Reverse Side

DATE

3-30-87

John R. Boye

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO
U-05079 *SGW/DK-MR*

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or log back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

RR
FEB 24 1988

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

030207

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
BURTON W. HANCOCK

3. ADDRESS OF OPERATOR
**P. O. Box 989
Billings, MT. 59103**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
650' FNL, 541' FWL

14. PERMIT NO.
43-019-31011

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5841' GL, 5852' KB

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
Govt. No. 11

10. FIELD AND POOL, OR WILDCAT
Bar-X

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
NW 1/4 Sec. 4: T17S-R25E

12. COUNTY OR PARISH
GRAND

13. STATE
UTAH

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 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) REPORT TO CHANGE OF ADDRESS <input checked="" 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.)*

Effective immediately, please change the mailing address for Burton W. Hancock to the post office box shown above. The new street address is 402 Petroleum Building, Billings, Montana 59101. Phone numbers remain the same as submitted on a previous Sundry Notice.

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

SIGNED *James G. Routson* TITLE Agent for Operator DATE February 15, 1988
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

— Burton W. Hancock —

404 Petroleum Building
Billings, Montana 59101

RECEIVED
FEB 20 1990

DIVISION OF
OIL, GAS & MINING

February 16, 1990

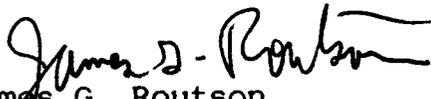
Division of Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, UT 84180

Re: Federal Govt. No. 11
NW¼ NW¼ Sec. 4: T17S-R25E
Grand County, Utah

Gentlemen:

Enclosed, please find two (2) copies of the Sundry Notice regarding returning the well to production for the above captioned well.

Very truly yours,


James G. Routson
Consulting Petroleum Engineer
for Burton W. Hancock

JGR/mjt
Enclosures

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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.)

FEB 20 1990

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR BURTON W. HANCOCK		8. FARM OR LEASE NAME FEDERAL	
3. ADDRESS OF OPERATOR 404 Petroleum Building, Billings, MT 59101		9. WELL NO. GOVT. NO. 11	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 650' FNL, 541' FWL		10. FIELD AND POOL, OR WILDCAT BAR-X	
14. PERMIT NO. 43-019-31011	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5841' GL, 5852' KB	11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA NW1/4 SEC. 4: T17S-R25E	
		12. COUNTY OR PARISH GRAND	13. STATE UTAH

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

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

Returning well to production
(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.)

Cleared out sand fill 4397-4570'. Pulled 1½" tubing and tension packer (which was set at 4573). Ran 23/8" production with 169' of 1½" on bottom to 4576'. Ran sucker rods and pump. Set pumping unit to assist in removing water from wellbore.

Returned well to production on February 5, 1990. It had been shut in since March, 1987.

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-TAS	
2- MICROFILM	
3- FILE	

18. I hereby certify that the foregoing is true and correct
 SIGNED JAMES G. ROUTSON TITLE CONSULTING PETROLEUM ENGINEER DATE FEBRUARY 16, 1990
 (This space for Federal or State office use)

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

*See Instructions on Reverse Side

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		6. LEASE DESIGNATION AND SERIAL NUMBER: U-05079
2. NAME OF OPERATOR: Burton W Hancock		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Operation Office P O Box 80 CITY Billings STATE MT ZIP 59108-0965		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 650' FNL 541' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 4 17S 25E		8. WELL NAME and NUMBER: Federal Govt No 11
PHONE NUMBER: (406) 245-5077		9. API NUMBER: 4301931011
10. FIELD AND POOL, OR WILDCAT: Bar X		10. FIELD AND POOL, OR WILDCAT: Bar X
COUNTY: Grand		STATE: UTAH

RECEIVED
SEP 10 2014

DIV. OF OIL, GAS & MINING

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Burton W Hancock intends to plug this well as follows:

1. MIRU
2. ND wellhead and NU BOPs
3. POOH, talley and lay down 1 1/2" tubing
4. RIH with 4 1/2" CICR on 2 3/8" tubing and set at 4300'
5. Fill 4 1/2" casing with 9 ppg mud
6. Mix and pump 25 sx cement (15 sx below CICR, 10 sx above)
7. POOH tubing and setting tool
8. Test 4 1/2" casing
9. Cut 4 1/2" casing at 1475' and POOH casing
10. RIH 2 3/8" tubing to 1525'
11. Mix and pump 45 sx cement balanced plug from 1525' to 1325'
12. Tag top of plug no lower than 1350'
13. Perforate 7" casing at 310'
14. Mix and pump cement down 7" casing until cement returns at surface of 7" X 9 5/8" annulus (110 sx +/-)
15. Cut wellhead off 3' below GL and weld on dryhole marker
16. Remove rig equipment and all junk from location

NAME (PLEASE PRINT) <u>Jim Routson</u>	TITLE <u>Consulting Petroleum Engineer</u>
SIGNATURE <u>[Signature]</u>	DATE <u>9/8/2014</u>

(This space for State use only)

COPY SENT TO OPERATOR

Date: 9-22-2014
Initials: KS

Accepted by the
Utah Division of
Oil, Gas and Mining
Date: 9/16/2014
By: [Signature]

Federal Approval Of This
Action Is Necessary

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

RECEIVED

AUG 10 2015

FORM 9

DIV. OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: U-05079
2. NAME OF OPERATOR: Burton W Hancock		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P O Box 80965 (Operations) CITY Billings STATE MT ZIP 59108-0965		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 650' FNL 541' FWL COUNTY: Grand		8. WELL NAME and NUMBER: Federal Govt No 11 HANCOCK GOVT 11
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 4 17S 25E STATE: UTAH		9. API NUMBER: 4301931011
		10. FIELD AND POOL, OR WILDCAT: Bar X
		PHONE NUMBER: (406) 245-5077

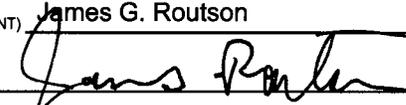
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 7/29/2015	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Burton W Hancock plugged this well as follows, Plugging was witnessed by Lee Oliver, BLM Moab:

1. Set 4 1/2" CICR at 4313' (7-9-15)
 2. Mix and pump 30 sx Class "A" cement 15 sx below CICR and 15 sx above CICR
 3. Test 4 1/2" casing to 500 psi for 15 min. Casing OK
 4. Cut 4 1/2" casing at 1497' Pull 4 1/2" casing
 5. RIH 2 3/8" tubing to 1544'
 6. Mix and pump 65 sx Class "A" cement at 1544'
 7. Tag top of cement with 2 3/8" tubing at 1306'
 8. Test 7" casing to 400 psi for 15 min. Casing OK
 9. Perforate 7" casing with 4 SPF with 4" gun at 354'
 10. Test 7" casing to 400 psi for 15 min. Casing OK
 11. Mix and pump 10 sks Class "A" cement and spot it at 354'
 12. Mix and pump 22 sks Class "A" cement from 200' to surface
 13. Mix and pump 30 sx Class "A" cement down 7" X 9 5/8" annulus
 14. Cut wellhead off and install DHM
 15. Remove all equipment and deadmen from location
- Well P & A on 7-29-15

NAME (PLEASE PRINT) James G. Routson	TITLE Consulting Petroleum Engineer
SIGNATURE 	DATE 8/6/2015

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