

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

SUBMIT IN APPLICATION*
(Other instructions on
reverse side)

5. Lease Designation and Serial No.

ML-21916

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL [X]

DEEPEN []

PLUG BACK []

b. Type of Well

Oil Well []

Gas Well [X]

Other

Single Zone []

Multiple Zone []

7. Unit Agreement Name

Three Pines

8. Farm or Lease Name

State

9. Well No.

24-10

10. Field and Pool, or Wildcat

Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 24-T16S-R22E, SLM

2. Name of Operator

Beartooth Oil & Gas Company

3. Address of Operator

P. O. Box 1834, Billings, Montana 59103

4. Location of Well (Report location clearly and in accordance with any State requirements.*)

At surface

2100' FEL, 1500' FSL

NW SE

At proposed prod. zone

same

14. Distance in miles and direction from nearest town or post office*

Approx. 50 miles West of Mack, Colorado

12. County or Parrish

Grand

13. State

Utah

15. Distance from proposed* location to nearest property or lease line, ft.

2100' FLL

16. No. of acres in lease

3080

17. No. of acres assigned to this well

320

(Also to nearest drlg. line, if any)

540' FDL

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

None

19. Proposed depth

9700'

20. Rotary or cable tools

Rotary

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

7851' GL, 7862' KB

22. Approx. date work will start*

June 15, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: Size of Hole, Size of Casing, Weight per Foot, Setting Depth, Quantity of Cement. Rows include 12-1/4" hole with 9-5/8" casing, 8-3/4" hole with 7" casing, and 6-1/4" hole with 4-1/2" casing.

Est. Formation Tops: Mesaverde - Surface, Mancos 5070', Castlegate 5320', Dakota 8960', Morrison 9120'.

Drilling Program: Mud drill surface and intermediate hole to 5520'. Air drill 5520' to 9700'. Run porosity and resistivity logs. Monitor air returns and test all gas shows. Run casing if productive. BOP's will be 13-5/8" - 5000 psi pipe and blind rams - Grant rotating head above BOP's.

Completion Program: Perforate and acidize productive zones. Foam fracture with 100,000# of sand if necessary.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: 6-19-80

BY: M.J. Minder

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

Signed: James G. Routson
(This space for Federal or State office use)

Title: Petroleum Engineer

Date: 6/2/80

Permit No. 43-019-30654

Approval Date 6/19/80

RECEIVED

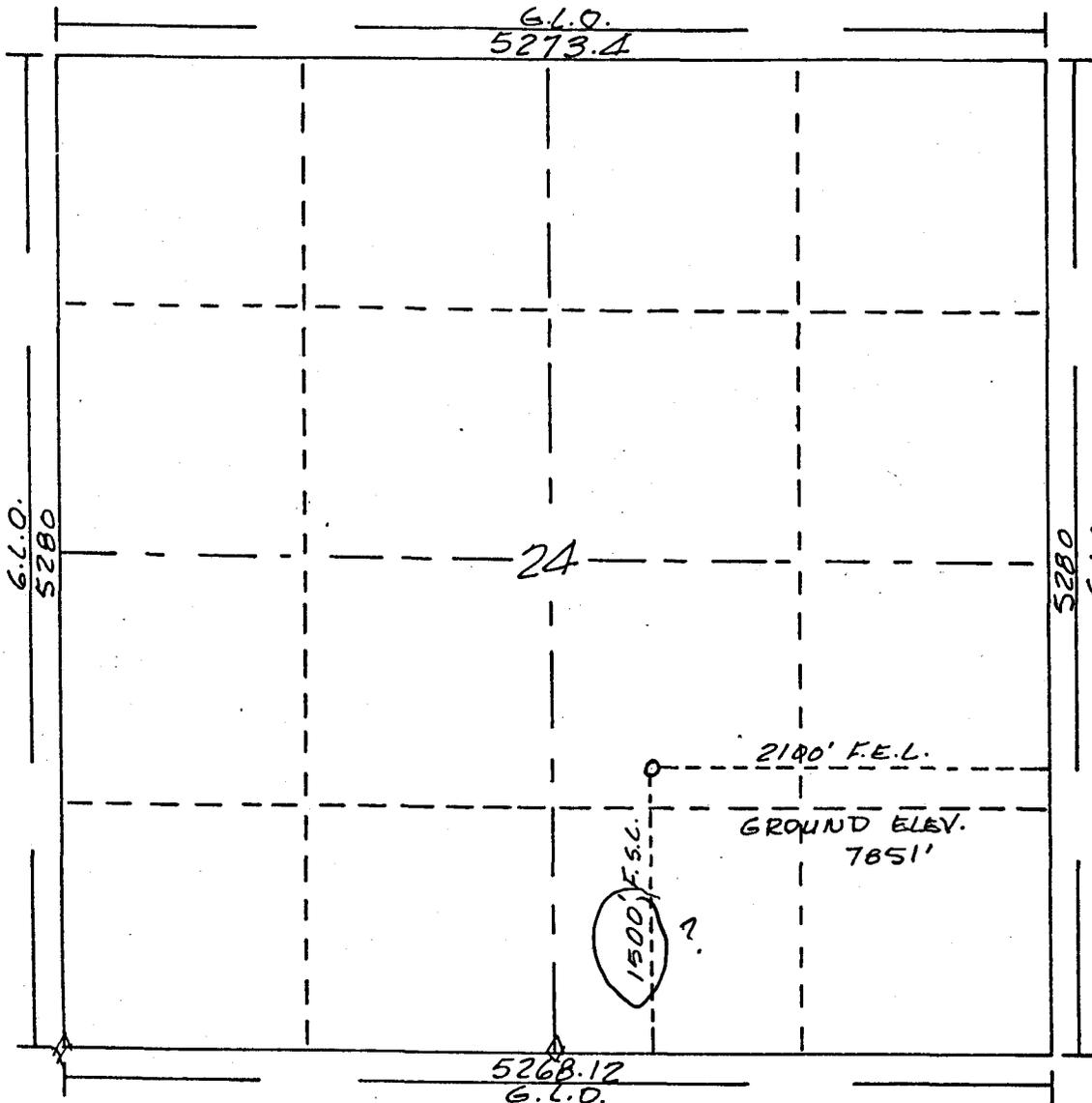
Approved by:
Conditions of approval, if any:

Title:

Date: JUN 4 1980



R. 22 E.



T. 16 S.

Scale... 1" = 1000'

Powers Elevation Company, Inc. of Denver, Colorado has in accordance with a request from JIM ROUNTSON for BEARTOOTH OIL AND GAS determined the location of THREE PINES 24-10 to be 1500' F.S.L. 2100' F.E.L. Section 24 Township 16 S. Range 22 EAST OF THE SALT LAKE Meridian GRAND County, UTAH

I hereby certify that this plat is an accurate representation of a correct survey showing the location of THREE PINES, 24-10

Date: 5/31/80

Harry D. Becker
 Licensed Land Surveyor No. 4189
 State of UTAH

** FILE NOTATIONS **

DATE: June 4, 1980

OPERATOR: Beartooth Oil & Gas Company

WELL NO: State 24-10

Location: Sec. 24 T. 16S R. 22E County: Grand

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-019-30654

CHECKED BY:

Petroleum Engineer: M.J. Minder 6-19-80 Verbal Given (6-19-80)
Three Pines Unit not established yet - will require C-3 spacing
per call (6-16-80 D. Roberts) to close to 1/4 1/4 hd. Fed. Units approved
or very close to approval
Director: _____

Administrative Aide: Rule C-3: too close to qtr-qtr line

APPROVAL LETTER:

Bond Required: Approval from St. Lands

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 St.

Plotted on Map

Approval Letter Written utm

Hot Line

P.I.

#2
Contingent
upon
bond

BEARTOOTH OIL & GAS COMPANY

P.O. BOX 1834

BILLINGS, MONTANA 59103

(406) 259-2451

June 16, 1980

RECEIVED
JUN 18 1980

Mr. Mike Minder
Division of Oil, Gas & Mining
1588 West, North Temple
Salt Lake City, Utah 84116

DIVISION OF
OIL, GAS & MINING

Dear Mike:

In accordance with our telephone conversation today, enclosed please find copies of survey plats along with our original cover letter covering our State #24-10 and State #16-1 wells in Grand County, Utah.

We are asking for exception to Rule 3C(b) since both wells will be completed as unit wells when the Three Pines and Cherry Canyon Units are approved. Both units have been submitted to the U.S.G.S. and the State of Utah Land Board, and we anticipate approval by the end of June.

The Three Pines #24-10 location is situated on a State of Utah lease which encompasses Section 24-16S-22E plus an additional 2440 acres essentially surrounding the location. We control all of the acreage within the lease so there should be no one to object to the proposed location. Topographically, the proposed location is on an existing road which eliminates the necessity of any additional surface disturbance. Please approve location as submitted.

With regard to the Cherry Canyon #16-1 location, the State of Utah lease consists of all of Section 16, which we own or control, and all of the surrounding acreage is State of Utah acreage which we own or control.

We are sending you an amended Application with the correct footages on the Cherry Canyon #16-1 location to conform to the survey plat. A technically correct location would be moved to the East, but the location was staked where it is because a group of large trees was immediately to the East which would have had to be removed to strictly conform to State rules. There are no trees and the location requires little surface disturbance where it is staked. In view of this, we ask that the location be approved as submitted.

The bonds are being sent to the State Land Board today.

Yours very truly,

BEARTOOTH OIL & GAS COMPANY

Donald K. Roberts
President

DKR/gb
Enclosures

June 20, 1980

Beartooth Oil and Gas Company
P.O. Box 1834
Billings, Montana 59103

Re: Well No. State #24-10
Sec. 24, T. 16S, R. 22E.,
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas on said unorthodox location is hereby granted in accordance with Rule C-3(c), 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:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

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

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

The API number assigned to this well is 43-019-30654.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

/b:tm

cc: Donald Prince

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Beartooth Oil and Gas Company

WELL NAME: State #24-10

SECTION 24 NW SE TOWNSHIP 16S RANGE 22E COUNTY Grand

DRILLING CONTRACTOR Cardinal Drilling

RIG # 4

SPUDDED: DATE 6/23/80

TIME p.m.

How dry hole spudder

DRILLING WILL COMMENCE 6/25/80

REPORTED BY Grace

TELEPHONE # 406-259-2451

DATE June 24, 1980

SIGNED *M. J. Minder*

cc: Donald Prince

DIVISION OF OIL, GAS AND MINING

PLUGGING PROGRAM

NAME OF COMPANY: Beartooth Oil and Gas Company

WELL NAME: Three Pines State #24-10A

SECTION 24 nw se TOWNSHIP 16S RANGE 22E COUNTY Grand

VERBAL APPROVAL GIVEN TO PLUG AND ABOVE REFERRED TO WELL IN THE FOLLOWING MANNER:

TOTAL DEPTH: 2624'

CASING PROGRAM:

9 5/8" @ 85' circ to surface
8 3/4" openhole TD
fish @ 2180'-2600'
997' - 670'

FORMATION TOPS:

Mesaverde

PLUGS SET AS FOLLOWS:

- 1) 670' - 600' 25 sx
- 2) 500' - 440' 25 sx
- 3) 85' - surface 25 sx

Have skidded the rig

9.8# drilling mud between plugs

DATE July 7, 1980

SIGNED _____

ORIGINAL SIGNED BY C. B. BEIGHT

cc: Donald Prince

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

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. ML-21916
1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Beartooth Oil & Gas Company		7. UNIT AGREEMENT NAME Three Pines
3. ADDRESS OF OPERATOR P. O. Box 1834, Billings, Montana 59103		8. FARM OR LEASE NAME State
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2100' FEL, 1500' FSL		9. WELL NO. 24-10
14. PERMIT NO. 43-019-30654		10. FIELD AND POOL, OR WILDCAT
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7851' GL, 7862' KB		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 24-16S-22E
		12. COUNTY OR PARISH Grand
		18. 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 checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

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

Well will be plugged and abandoned as follows due to fish in the hole:

Plug No. 1 - 490-280' - 50 sacks
 Plug No. 2 - 120-40' - 20 sacks
 Plug No. 3 - Surface - 10 sacks

Total Depth 2624' (Mesaverde)

RECEIVED
JUL 11 1980

APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING
DATE: 7-29-80
BY: M. G. Routson

DIVISION OF
OIL, GAS & MINING

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

SIGNED James G. Routson TITLE Petroleum Engineer DATE 7/8/80
 (This space for Federal or State office use)

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

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS <small>(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.)</small>		5. LEASE DESIGNATION AND SERIAL NO. ML-21916
1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Beartooth Oil & Gas Company		7. UNIT AGREEMENT NAME Three Pines
3. ADDRESS OF OPERATOR P. O. Box 1834, Billings, Montana 59103		8. FARM OR LEASE NAME State
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2100' FEL, 1500' FSL		9. WELL NO. 24-10
14. PERMIT NO. 43-019-30654		10. FIELD AND POOL, OR WILDCAT
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7851' GL, 7862' KB		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW$\frac{1}{4}$SE$\frac{1}{4}$ Sec. 24-16S-22E
		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 checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

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

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

Well has 87' of 9-5/8", 32.3#, H-40 casing set and cemented to surface.

Total Depth is 2624' in Mesaverde. Fish No. 1: Bit & 14 drill collars 2180'-2600'. Fish No. 2: 6 jts. washpipe, jars and bumper sub, 4 drill collars 670-997'. Fish No. 3: 1 jt. drill pipe, jars and bumper sub, 4 drill collars 490-670'. Plugged and abandoned with 50 sacks from 490-280 and 20 sacks from 120'-40'. Plugged completed at 2:00 AM 7/8/80. (10 sacks at surface)

A dry hole marker will be erected when the location is cleaned up.

Verbal plugging approval received from Cleon B. Feight on 7/8/80.

APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING
DATE: 7-29-80
BY: M. J. Windsor

RECEIVED
JUL 11 1980

DIVISION OF
OIL, GAS & MINING

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

SIGNED James G. Routson TITLE Petroleum Engineer DATE 7/8/80
James G. Routson

(This space for Federal or State office use)

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

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

5. LEASE DESIGNATION AND SERIAL NO.
ML-21916

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME
Three Pines

2. NAME OF OPERATOR
Beartooth Oil & Gas Company

8. FARM OR LEASE NAME
State

3. ADDRESS OF OPERATOR
P. O. Box 1834, Billings, Montana 59103

9. WELL NO.
24-10A

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
2025' FEL, 1500' FSL rig skid

10. FIELD AND POOL, OR WILDCAT

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

NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 24-16S-22E

14. PERMIT NO.
43-019-30654

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
7851' GL, 7862' KB

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"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>

(Other) Location Moved 75' East

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

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

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

Moved location 75' East after State 24-10 was plugged and abandoned due to fish in hole.

Will run 550' of 13-3/8" surface casing and cement to surface.

The rest of the program for drilling the #24-10 will remain the same for this well.

Name changed to State #24-10A.

APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING
DATE: 7-29-80
BY: M.J. Wanda

RECEIVED
JUL 11 1980

DIVISION OF
OIL, GAS & MINING

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

SIGNED James G. Routson TITLE Petroleum Engineer DATE 7/8/80
James G. Routson

(This space for Federal or State office use)

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

FILE IN TRIPLICATE
FORM OGC-8-X

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

dr
RECEIVED
JUL 14 1980

DIVISION OF
OIL, GAS & MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Three Pines State #24-10
Operator Beartooth Oil & Gas Company Address P. O. Box 1834, Billings, Montana
Contractor Cardinal Drilling Company Address P. O. Box 1077, Billings, Montana
Location NW ¼ SE ¼ Sec. 24 T. 16S R. 22E County Grand

Water Sands

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.	_____		
2.	No water encountered while drilling.		
3.	_____		
4.	_____		
5.	_____		

(Continue of reverse side if necessary)

Formation Tops

Remarks TD 2624'. Well plugged and abandoned due to fish in the hole.

- 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.

November 20, 1980

Beartooth Oil & Gas Company
P.O. Box 1834
Billings, Montana 59103

RE: Well No. State #24-10A
Sec. 24, T. 16S, R. 22E.,
Grand County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Barbara Hill

BARBARA HILL
CLERK TYPIST

/bjh

CC: Forms

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

<p>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.)</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. ML-21916</p>
<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Temporarily Abandon</p>		<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p>
<p>2. NAME OF OPERATOR Beartooth Oil & Gas Company</p>		<p>7. UNIT AGREEMENT NAME Three Pines</p>
<p>3. ADDRESS OF OPERATOR P. O. Box 2564, Billings, Montana 59103</p>		<p>8. FARM OR LEASE NAME State</p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2025' FEL, 1500' FSL</p>		<p>9. WELL NO. 24-10A</p>
<p>14. PERMIT NO. 43-019-30654</p>		<p>10. FIELD AND POOL, OR WILDCAT Three Pines Unit</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7851' GL, 7862' KB</p>		<p>11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA NW$\frac{1}{4}$SE$\frac{1}{4}$ Sec. 24-16S-22E</p>
<p>12. COUNTY OR PARISH Grand</p>		<p>13. STATE Utah</p>

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* (temporary) <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

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

Verbal permission received from Cleon Feight with Division of Oil & Gas in Salt Lake City to temporarily abandon the well until spring as follows:

Set plug from 5810-5030' with 140 sacks Class "B", 15% sand.

Total Depth 9563'.

APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING
DATE: 12/19/80
BY: CB Feight

RECEIVED

DEC 05 1980

DIVISION OF
OIL, GAS & MINING

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

SIGNED Robert D Ballantyne TITLE Drilling Supervisor DATE 12/1/80
Robert D. Ballantyne

(This space for Federal or State office use)

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

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: Three Pines #24-10A State

Operator: Beartooth Oil & Gas Company Address: P. O. Box 2564, Billings, Montana

Contractor: TWT Exploration Inc. Address: P. O. Box 1329, Park City, UT 84060

Location NW 1/4 SE 1/4; Sec. 24 T. 16 ~~xx~~ S, R. 22 ~~xx~~ E; Grand County.

Water Sands:

<u>Depth:</u>		<u>Volume:</u>	<u>Quality:</u>
<u>From-</u>	<u>To-</u>	<u>Flow Rate or Head</u>	<u>Fresh or Salty</u>
1. <u>3200</u>	<u>3252</u>	<u>No flow to surface - too much to continue mist drilling</u>	<u>fresh</u>
2.			
3.			
4.			
5.			

(Continue on Reverse Side if Necessary)

Formation Tops: Mesaverde 2814', Mancos 4952, Castlegate 5215, Niobrara 6880,
Frontier 8608, Dakota 8982, Morrison 9165, Salt Wash 9463

Remarks:

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

RECEIVED

DEC 05 1980

DIVISION OF
OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NO.

ML-21916

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Three Pines

8. FARM OR LEASE NAME

State

9. WELL NO.

24-10A

10. FIELD AND POOL, OR WILDCAT

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

NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 24-16S-22E

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 Temporarily

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other Abandon

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 2025' FEL, 1500' FSL

At top prod. interval reported below

At total depth same

14. PERMIT NO. 43-019-30654 DATE ISSUED 6/20/80

15. DATE SPUDDED 10/27/80 16. DATE T.D. REACHED 11/18/80 17. DATE COMPL. (Ready to prod.) P & A - 11-24-80 18. ELEVATIONS (DF, RKB, BT, GR, ETC.)* 7851' GL, 7862' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 9477' 21. PLUG, BACK T.D., MD & TVD - 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY → 0-TD ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED no

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"		535.41'	17-1/2"	610 SX	
7"	20# & 23#	5473' KB	8-3/4"	150 SX	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Plugged from 5810-5030 w/140 sacks Class "B", 15% sand.	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in) <u>P & A</u>

DATE OF TEST	HOURS TESTED	CHOKE 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

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 Robert D. Ballantyne TITLE Drilling Supervisor DATE 12/2/80
Robert D. Ballantyne

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

INSTRUCTIONS

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

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formations 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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS																				
			 <p style="margin-top: 20px;">DEC 05 1960</p> <p style="margin-top: 20px;">DIVISION OF OIL, GAS & MINING</p>																					
				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">NAME</th> <th style="width: 50%;">MEAS. DEPTH</th> </tr> </thead> <tbody> <tr> <td>Wasatch</td> <td>1320</td> </tr> <tr> <td>Mesaverde</td> <td>2814</td> </tr> <tr> <td>Mancos</td> <td>4952</td> </tr> <tr> <td>Castlegate</td> <td>5215</td> </tr> <tr> <td>Niobrara</td> <td>6880</td> </tr> <tr> <td>Frontier</td> <td>8608</td> </tr> <tr> <td>Dakota</td> <td>8982</td> </tr> <tr> <td>Morrison</td> <td>9165</td> </tr> <tr> <td>Salt Wash</td> <td>9463</td> </tr> </tbody> </table>	NAME	MEAS. DEPTH	Wasatch	1320	Mesaverde	2814	Mancos	4952	Castlegate	5215	Niobrara	6880	Frontier	8608	Dakota	8982	Morrison	9165	Salt Wash	9463
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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other P&A due to fish in the hole

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 2100' FEL, 1500' FSL
At top prod. interval reported below
At total depth same

14. PERMIT NO. 43-019-30654 DATE ISSUED 6/20/80

5. LEASE DESIGNATION AND SERIAL NO.
ML-21916

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Three Pines

8. FARM OR LEASE NAME
State

9. WELL NO.
24-10

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 24-16S-22E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

15. DATE SPUDDED 6/23/80 16. DATE T.D. REACHED 7/3/80 17. DATE COMPL. (Ready to prod.)
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7851' GL, 7862' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 2624' 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-TD ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE
no

26. TYPE ELECTRIC AND OTHER LOGS RUN none 27. WAS WELL CORED
no

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<u>9-5/8"</u>	<u>32.3#</u>	<u>83'</u>	<u>12-1/4"</u>	<u>85 sx</u>	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>Plug #1 - 490'</u>	<u>- 50 sacks</u>
<u>Plug #2 - 90'</u>	<u>- 20 sacks</u>

33.* PRODUCTION

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

DATE OF TEST	HOURS TESTED	CHOKE 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

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 Robert D. Ballantyne TITLE Drilling Supervisor DATE 12/2/80
Robert D. Ballantyne

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

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.)

<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Temporarily abandon</u></p> <p>2. NAME OF OPERATOR <u>Beartooth Oil & Gas Company</u></p> <p>3. ADDRESS OF OPERATOR <u>P. O. Box 2564, Billings, Montana 59103</u></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>2025' FEL, 1500' FSL</u></p>		<p>5. LEASE DESIGNATION AND SERIAL NO. <u>ML-21916</u></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME <u>Three Pines</u></p> <p>8. FARM OR LEASE NAME <u>State</u></p> <p>9. WELL NO. <u>24-10A</u></p> <p>10. FIELD AND POOL, OR WILDCAT <u>Wildcat</u></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>NW¼SE¼ 24-16S-22E</u></p> <p>12. COUNTY OR PARISH <u>Grand</u></p> <p>13. STATE <u>Utah</u></p>
<p>14. PERMIT NO. <u>43-019-30654</u></p>	<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) <u>7851' GL, 7862' KB</u></p>	

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 checked="" 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"/>

(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.)*

Well is currently plugged back to 5030 with cement. Casing is loaded with 9.5 ppg mud above cement plug. 7" casing is set @ 5473 and cemented with 150 sacks. 13-3/8" casing is set at 535' and cemented to surface with 610 sacks. We propose to P&A as follows:

1. Shoot off and recover as much 7" casing as possible. Spot 35 sack cement plug 50' in 7" and 50' out, across casing stub.
2. Spot 45 sack cement plug 585-485'.
Interval between plugs should be filled with mud.
3. Spot 10 sack plug 13' - surface. Erect regulation dry hole marker.
4. Recontour location, spread topsoil.
5. Reseed in Fall, 1982.

James G. Routson
7/15/82

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

SIGNED James G. Routson TITLE Petroleum Engineer DATE 7/8/82
 (This space for Federal or State office use)

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

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

5. LEASE DESIGNATION AND SERIAL NO.
ML-21916

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Three Pines

8. FARM OR LEASE NAME
State

9. WELL NO.
24-10A

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 24-T16S-R22E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER Dry Hole

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.* See also space 17 below.)
At surface
2025' FEL, 1500' FSL

14. PERMIT NO.
43-019-30654

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7851' GL, 7862' 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 <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 checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

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

Well was plugged and abandoned on 10/4/82 as follows:

7" casing shot @ 1512' and pulled.

35 sack cement plug set @ 1462-1562'

45 sack cement plug set @ 485-585'

10 sack cement plug set 13'-surface

Mud circulated between plugs.

Regulation dry hole marker was erected.

Location will be recontoured and reseeded by December 1, 1982.

10/19/82
[Signature]

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

SIGNED James G. Routson TITLE Petroleum Engineer DATE 10/14/82
James G. Routson

(This space for Federal or State office use)

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