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May 1, 1982

UNITED STATES GEOLOGICAL SURVEY  
1745 W. 1700 S.; Suite 2000  
Salt Lake City, Utah 84104

Attention: Mr. Ed Guynn

Re: West Bitter Creek  
#27-44  
SE SE Sec 27-18S-25E  
Grand County, Utah

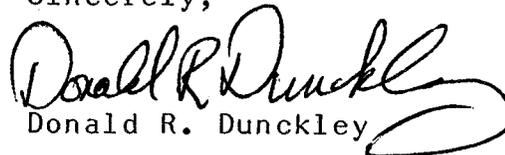
Dear Mr. Guynn,

Attached is an application to drill for  
subject well.

The archaeology survey report and designation  
of operation, that was originally intended to be  
included with the permit, will be forwarded under  
separate cover.

Please advise me, when you can schedule the  
onsite.

Sincerely,

  
Donald R. Dunckley

DRD/m

cc: Bureau of Land Management  
P. O. Box 970  
Moab, Utah 84532

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

APPLICATION FOR PERMIT TO DRILL

For

BOOKCLIFF PETROLEUM INC.

West Bitter Creek  
#27 - 44

SE $\frac{1}{4}$  SE $\frac{1}{4}$  Sec. 27, T.18S., R.25E., SLB&M  
Grand County, Utah

Prepared by:

Donald R. Dunckley  
Dunckley Engineering & Operating  
2004 Wood Court  
Grand Junction, Colorado 81503  
(303) 243-3846

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY SERVICE

SUBMIT IN TRIPPLICATE  
(Other instructions on reverse side)

Form approved,  
Budget Bureau No. 42-R1425.

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

2. NAME OF OPERATOR  
Bookcliff Petroleum Inc.

3. ADDRESS OF OPERATOR  
109 Glade Park Road, Grand Junction, CO 81503

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface  
660 FEL - 660 FSL  
At proposed prod. zone  
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approx. 15 miles west of Mack, Colorado

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
660'

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
210'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4787.6 GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24 K-55 ST&C	120 Ft.	Circ. cement to surface
7 7/8"	4 1/2"	10.5 #K-55 ST&C	1830 Ft.	500' above pay

5. LEASE DESIGNATION AND SERIAL NO.  
6868

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
not applicable

7. UNIT AGREEMENT NAME  
None

8. FARM OR LEASE NAME  
West Bitter Creek

9. WELL NO.  
27-44

10. FIELD AND POOL, OR WILDCAT  
Harley Dome

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SE 1/4 SE 1/4 Sec. 27, T.18S R.25E., SLB&M

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

- Exhibit A. - Supplemental Information ("10 Point Plan")
- " B. - Surface Use and Operations Plan
- " C. - Designation of Operator
- " D. - Preliminary Environmental Review
- " E. - Water Use Authorization
- " F. - Archaeology Survey Report
- " G. - Drawings

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 Donald R. Dunckley TITLE Engineer DATE 5/1/82  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY [Signature] for E. W. Guynn District Oil & Gas Supervisor DATE JUN 11 1982  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

NOTICE OF APPROVAL  
State O&G

\*See Instructions On Reverse Side  
CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

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

GRAND COUNTY ROAD DEPARTMENT

Application for Right-of-Way Encroachment Permit

Date April 29, 19 82

To: Road Supervisor  
Grand County Road Department

Application is hereby made by: (1) Bookcliff Petroleum, Inc.

Address (2) 109 Glade Park Road, Grand Junction, Colorado 81503

Telephone number (303) 242-0484 for permission to do the following: (3)  
Use existing improved dirt road to haul drill rig and associated  
traffic to and from proposed well location. Westwater Exit I-70  
for a distance of 2 miles on old highway.

(4) Location: NW 1/4 NW 1/4 Section 27, Township 18 South, Range 25 East,  
SLB&M; Grand County, Utah.

City Westwater, Utah County Grand State or U.S. Highway No.

Interstate 70 Milepost No. \_\_\_\_\_ in accordance with the attached plan. (5)

(6) Construction will begin on or about June 15 19 82

and will be completed on or before June 30th 19 82

\*or soon as APD is approved.

If the proposed installation requires breaking of the pavement, give the following information:

a. Type of pavement: N/A

b. The opening to be made will be \_\_\_\_\_ feet long by \_\_\_\_\_  
feet wide and \_\_\_\_\_ feet deep.

c. A bond in the amount of \$ \_\_\_\_\_ has been posted with \_\_\_\_\_

Telephone number \_\_\_\_\_, to run for a term of  
three (3) years after completion of work to guarantee satisfactory performance.

If this permit is granted, we agree to comply with all conditions, restrictions and regulations as contained in the "Regulations for the Control and Protection of State Highway Rights-of-Way" approved by the Utah State Road Commission on October 8, 1962, and all revisions thereto.

Donald R. Dunckley

By Donald R. Dunckley Owner  
Signature

\_\_\_\_\_  
Engineer Title

To be filled in by Road Supervisor  
(1) Permit  should  should not be granted.  
(2) Additional requirements which should be imposed.

\_\_\_\_\_  
Road Supervisor

EXHIBIT - A

SUPPLEMENTAL INFORMATION

("10 Point Plan")

1. Geologic Name of Surface Formation

The surface formation is the Mancos Formation.

2. Estimated Tops of Important Geologic Markers

Dakota	940
Entrada	1780
Total Depth	1830

3. Estimated Depths of Water, Oil, Gas, or Minerals

Gas 940 feet to total depth.

4. Proposed Casing Program

- (a) Set 8-5/8 inch new 24#, K-55, ST & C, to 120 ft. in 12-1/4 inch hole; Circulate cement to surface.
- (b) Set 4-1/2 inch new, 10,5#, K-55, ST&C to 1830 feet in 7-7/8 inch hole; cement with 100 sacks Class "G", no additives.

5. Operator's Minimum Specifications for Pressure Control

A schematic diagram of the blowout preventer equipment is attached. The BOP will be hydraulically tested to full working pressure after nipping up and after any use under pressure. Pipe rams will be operationally checked each

24 hour period. Blind rams and annular preventer will be checked each time pipe is pulled out of the hole. All checks of the BOP will be noted on the daily drilling reports.

Accessories to BOP will include an upper and lower Kelly cock, floor safety valve, drill string BOP and choke manifold with pressure rating equivalent to the BOP stack.

6. Type and Characteristics of Proposed Circulating Mediums

The well will be drilled with air, and air mist as needed to 1830 feet; 200 barrels of 8.5 to 9# fresh water mud will be mixed up for use in case it is needed to kill well or for logging operations.

7. Auxiliary Equipment

(a) A Kelly cock will be kept on the string at all times.

(b) A stabbing valve will be on the floor to be stabbed into the drill pipe when the Kelly is not in the string.

8. Testing, Logging, and Coring Programs

The logging program will consist of a dual induction guard log, formation density compensated and compensated neutron density log. No coring or drill stem testing is planned at this time.

Completion plans call for selectively perforating the gas zone. No stimulation is planned at this time.

9. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area or at the depths proposed in this well.

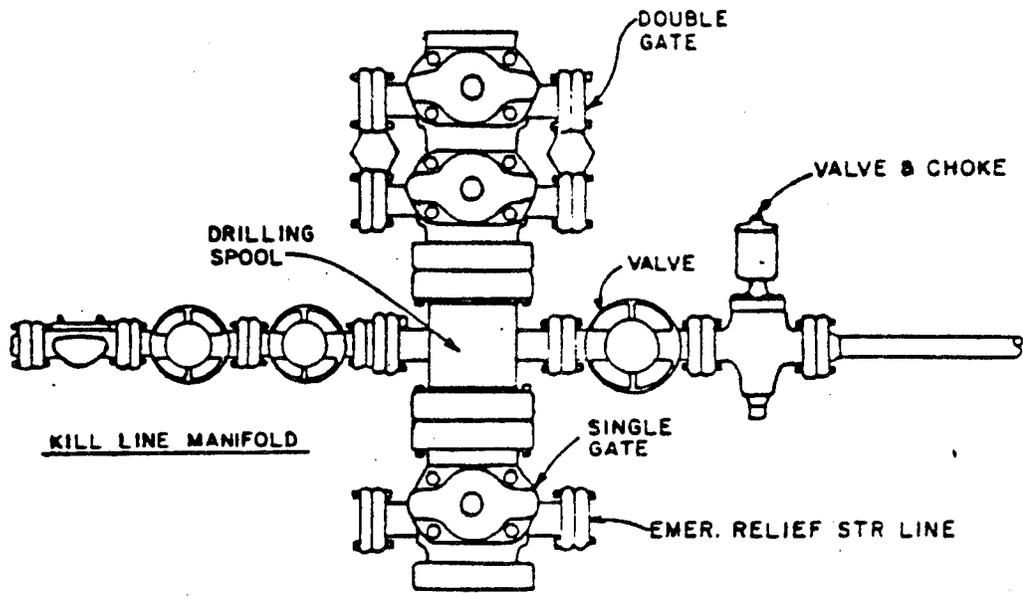
No hydrogen sulfide or other hazardous fluids or gasses are expected.

10. Anticipated Starting Date and Duration

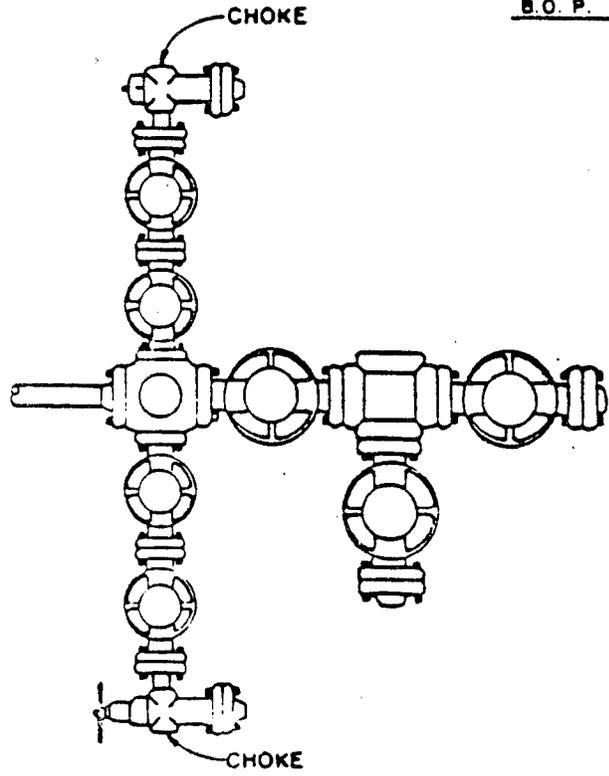
The anticipated starting date for this well is 15 June 1982 or as soon thereafter as possible depending upon the availability of a drilling rig and approval of the permit to drill.

Rigging up is anticipated to take 2 days, and drilling should be completed within 7-10 days after spudding the well and drilling to casing point.

# BLOW OUT PREVENTOR



B.O. P. STACK



CHOKE LINE MANIFOLD

	ARMSTRONG ENGINEERS and ASSOCIATES, INC. ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING 861 ROOD AVENUE - GRAND JUNCTION, COLORADO 81501 - (303) 245-3861	
	SCALE	No scale
	DESIGNED BY	EAG
	CHECKED BY	Morrison
		Bookcliff Petroleum Inc.
		JOB NUMBER
		813583

## EXHIBIT B

### SURFACE USE AND OPERATIONS PLAN

#### 1. EXISTING ROADS

The proposed well is located approximately 15 miles West of Mack, Colorado on Highway 6 & 50.

Existing roads to be used for access to the proposed well are as follows: from Westwater exit on I-70 go East approximately 2.2 miles; turn left at East Canyon sign onto dirt road for 1.3 miles to another "T" intersection; then left on trail Southwesterly approximately 1/2 mile to the proposed well site.

The surface, condition, and load capacities of existing roads within a three-mile radius of the proposed well are as follows:

Paved roads except for 1.3 miles country dirt and 1/2 mile of improved dirt road into location.

#### 2. PLANNED ACCESS ROAD

The new access road to be constructed will be approximately 600 feet in length and 18 feet in width, crowned and ditched for drainage. The maximum grade will be 3%. Surfacing material will be native borrow material from cut areas. No additional road surfacing material will be needed.

#### 3. EXISTING WELLS

West Bitter Creek 27-44 is considered a development well. Within a two mile radius there are two producing wells; Landsdale #15

located NW $\frac{1}{4}$  NW $\frac{1}{4}$  Sec. 35, T.18S., R.25E., SLB&M and Landsdale #18 located SE $\frac{1}{4}$  SE $\frac{1}{4}$  Sec. 27, T.18S., R.25E., SLB&M, a dry hole marker lies on the NW $\frac{1}{4}$  SE $\frac{1}{4}$  Sec. 27, T.18S., R.25E., SLB&M, and in the SE SW Sec. 35, T.18S., R.25E. Refer to the drawing ("Existing Wells").

There are no other known drilling, producing, shut-in, disposal, inspection, monitoring, or abandoned wells in the subject area.

#### 4. EXISTING AND PROPOSED FACILITIES

Bookcliff Petroleum, Inc. has no facilities, owned or controlled, within a 1-mile radius of the proposed well location. There are gas gathering lines in the W $\frac{1}{2}$  of Section 27, carrying gas to the north. In the event of production of natural gas from the proposed well, a gathering line and production equipment will be required. Proposed production equipment will be as shown on Figure 8. The gathering line will be designed by Northwest Pipeline, a representative of which will be present during the onsite.

To protect livestock and wildlife, all pits on the well pad will be enclosed by a "stock tight" fence, see figure 9. A welded pipe guard will be installed around the wellhead.

Upon removal of production equipment, all disturbed areas will be rehabilitated, see item 10. below.

#### 5. LOCATION AND TYPE OF WATER SUPPLY

Water for the proposed well will come from Mack, Colorado. A water use authorization is not required. Water will be transported by truck over existing public roads and the proposed access road.

No roads or pipelines will be constructed for the transportation of water, and no water wells will be drilled in conjunction with the proposed well.

6. SOURCE OF CONSTRUCTION MATERIALS

Construction materials for the proposed well pad and access road will be native borrow material accumulated during construction. No borrow pits will be utilized.

The only construction materials needed from outside the location would be gravel for a pad under the separator and/or dehydrator unit. Gravel would be trucked into the location over the access road by the dirt contractor from the nearest commercial pit.

No access roads other than as shown on Figures 3 and 4 will be needed for hauling construction materials.

7. METHODS FOR HANDLING WASTE DISPOSAL

Cuttings, and produced fluids will be disposed of in the reserve pit, which will be constructed below existing ground level, on the cut side of the well pad. Drilling fluids will be contained in steel mud pits and the reserve pit.

Dust produced during drilling operations will be suppressed by water mist injection as needed.

A portable chemical toilet will be provided for human waste disposal during drilling operations.

Garbage, trash, and other waste material will be contained in a fine-mesh wire trash cage, see Figure 7. After the drilling rig moves out, the trash cage will be hauled away by truck for

disposal at an approved disposal site and all remaining waste material will be cleaned up and removed from the well pad.

8. ANCILLARY FACILITIES

There will be no camps, airstrips, off-site staging areas, or other ancillary facilities necessary for the proposed well.

9. WELL SITE LAYOUT

The well site layout is as shown on Figures 5, 6, and 7. Pits will be unlined.

10. PLANS FOR RESTORATION OF SURFACE

In the event of a dry hole or upon eventual abandonment of the well, the well pad and access road will be rehabilitated.

Waste material will be removed from the well pad, see Item 7.

The fill material on the well pad and access road will be pushed back into the cut areas to return the surface as nearly as possible to its original contour. The slope of the well location prior to construction is approximately 3%, i.e., elevation change of 3 feet in a distance of 100 feet. After rehabilitation, the well pad will be restored to a slope of approximately 3% which should afford excellent revegetation success.

After recontouring the well pad and access road, the previously stockpiled surface material will be spread over the disturbed area. Reseeding will be done according to timing and seed mixture specifications provided by the Grand Resource Area BLM office, Moab, Utah.

The reserve pit will be fenced on three sides prior to the start of drilling and will be enclosed by fencing the fourth side prior to rig release. All other pits will be fenced and will be so maintained until final cleanup. Any oil or condensate on a pit will be promptly cleaned up or covered. During the producing life of the well, overhead flagging or netting will be installed on any pit used to handle well fluids.

Restoration activities will begin within 90 days after completion of the well. Final cleanup will be completed within 30 days after start of work, but will be delayed until the reserve pit has dried up. Reseeding will be done in the Fall of the year after completion of final cleanup. Above ground facilities will be painted Desert Tan or another color specified by the Grand Resource Area BLM office to blend with surrounding landscape.

11. OTHER INFORMATION

The surface ownership for the well location and for all lands to be crossed by the proposed access road is BLM. The surface use is winter livestock grazing, petroleum production, and recreation.

The topography of the immediate area is of a rolling nature due to erosion gulches flowing southeasterly, draining to the Colorado River.

Other topographic features are as shown on the Danish Flat, Utah Quadrangle, USGS 7.5 minute series, Grand County, Utah, 1971.

The soil is light brown sandy silt (Type ML) with numerous small wind polished rocks on the surface. The soil surface contains approximately 10% rocks.

Slope in the immediate vicinity of the proposed well site is 5% with an Easterly aspect.

The nearest occupied dwelling is in Westwater, Utah, approximately 4 miles west of the proposed well location.

Vegetation in the area is of semi-desert type, dominated by saltbush and rabbitbrush. The following species were observed:

Black Sage  
Fourwing Saltbush  
Big Rabbitbrush  
Small Rabbitbrush  
Shadescale  
Halogeton  
Utah Beavertail Cactus  
Cheatgrass

There are no known Threatened or Endangered plants in the locale.

The subject area provides habitat for various game and non-game mammals, as well as birds, reptiles and insects.

There are no known endangered species of animals in the subject area. Although no wildlife was observed during the visual inspection. The following species are known to inhabit the area:

Kestrel or Sparrow Hawk	Gophers
Killdeer	Pronghorn Antelope
Western Meadowlark	Coyote
Raven	Jackrabbit
Horned Lark	Desert Kangaroo Rat
Various Owls	Various Mice

12. AUTHORIZED REPRESENTATIVE

Bookcliff Petroleum Inc.'s authorized field representative responsible for assuring compliance with this surface use and operations plan is Donald Dunckley, whose address is: 2004 Wood Court, Grand Junction, Colorado 81503, telephone number: (303) 243-3846.

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site 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 Bookcliff Petroleum Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

5/1/82  
Date

Donald Dunckley  
Donald Dunckley, Engineer

GRAND COUNTY ROAD DEPARTMENT

Application for Right-of-Way Encroachment Permit

Date \_\_\_\_\_ 19 \_\_\_\_\_

To: Road Supervisor  
Grand County Road Department

Application is hereby made by: (1) Clayton Investment Company

Address (2) 109 Glade Park Road, Grand Junction, Colorado 81503

Telephone number (303) 242-0484 for permission to do the following: (3)

Use existing improved dirt road to haul drill rig and associated traffic to and from proposed well location. Westwater Exit I-70 for a distance of 2.2 miles east on Highway 6 & 50 & left 1.3 miles

(4) Location: SE¼ SE¼ Section 27, Township 18 South, Range 25 East, SLB&M; Grand County, Utah.

City Westwater, Utah County Grand State or U.S. Highway No.

Interstate 70 Milepost No. \_\_\_\_\_ in accordance with the attached plan. (5)

(6) Construction will begin on or about June 15 19 82

and will be completed on or before July 19 82

\*or soon as APD is approved.

If the proposed installation requires breaking of the pavement, give the following information:

a. Type of pavement: N/A

b. The opening to be made will be \_\_\_\_\_ feet long by \_\_\_\_\_ feet wide and \_\_\_\_\_ feet deep.

c. A bond in the amount of \$ \_\_\_\_\_ has been posted with \_\_\_\_\_

Telephone number \_\_\_\_\_, to run for a term of three (3) years after completion of work to guarantee satisfactory performance.

If this permit is granted, we agree to comply with all conditions, restrictions and regulations as contained in the "Regulations for the Control and Protection of State Highway Rights-of-Way" approved by the Utah State Road Commission on October 8, 1962, and all revisions thereto.

Donald R. Dunckley

Owner

By Donald R. Dunckley

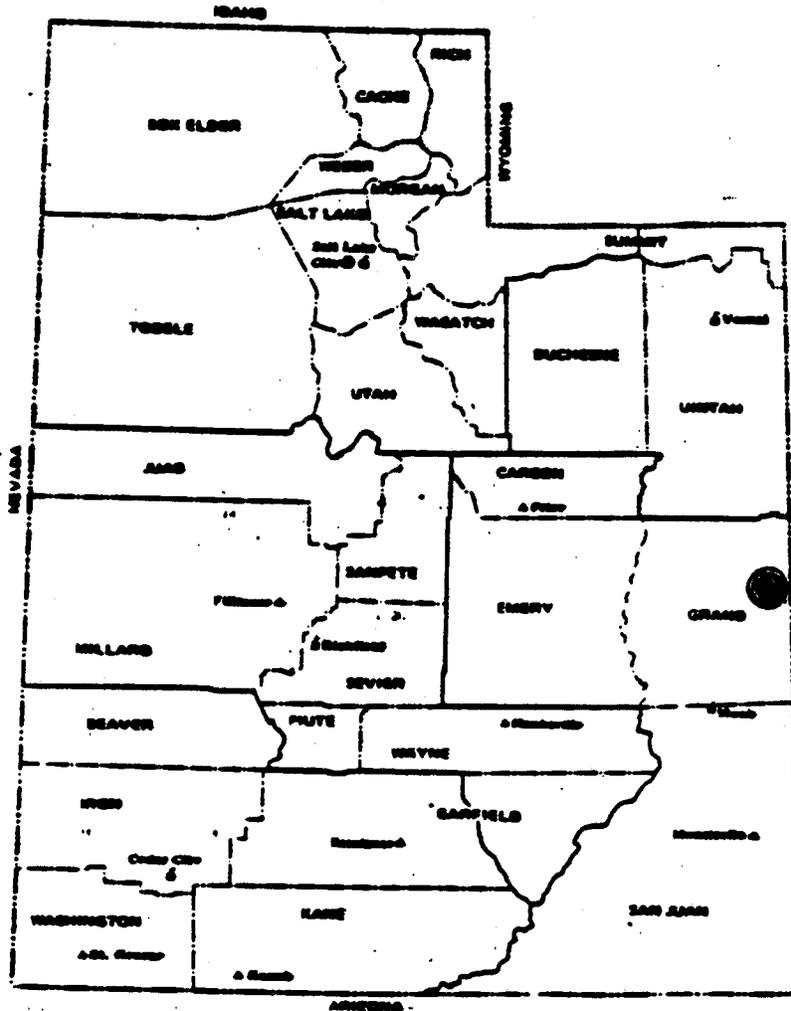
Signature

\_\_\_\_\_  
Engineer Title

To be filled in by Road Supervisor  
(1) Permit  should  should not be granted.  
(2) Additional requirements which should be imposed.

\_\_\_\_\_  
Road Supervisor

AREA MAP



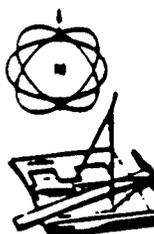
Proposed Well Location

UTAH



LEGEND

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



**ARMSTRONG & ASSOCIATES, INC.**

**ENGINEERS • SURVEYS • U.S. MINERAL SURVEYORS**

861 Road Avenue-Grand Junction, Colorado 81501-(303)245-3861

SCALE 1" = 50Mi

DATE 4/28/82

DRAWN BY

CHECKED BY

DATE OF SURVEY 4/21/82

Bookcliff Petroleum Inc.  
West Bittercreek 27-44

Figure 2

JOB NUMBER

823844

Dunckley Engineering and Professional Company

May 1, 1982



RECEIVED  
MAY 07 1982

UNITED STATES GEOLOGICAL SURVEY  
1745 W. 1700 S.; Suite 2000  
Salt Lake City, Utah 84104

Attention: Mr. Ed Guynn

DIVISION OF  
OIL, GAS & MINING

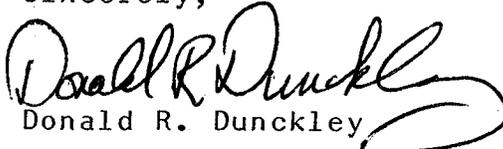
Re: West Bitter Creek  
#27-44  
SE SE Sec 27-18S-25E  
Grand County, Utah

Dear Mr. Guynn,

Attached is an application to drill for  
subject well.

The archaeology survey report and designation  
of operation, that was originally intended to be  
included with the permit, will be forwarded under  
separate cover.

Please advise me, when you can schedule the  
onsite.

Sincerely,  
  
Donald R. Dunckley

DRD/m

cc: Bureau of Land Management  
P. O. Box 970  
Moab, Utah 84532

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

APPLICATION FOR PERMIT TO DRILL

For

BOOKCLIFF PETROLEUM INC.

West Bitter Creek  
#27 - 44

SE $\frac{1}{4}$  SE $\frac{1}{4}$  Sec. 27, T.18S., R.25E., SLB&M  
Grand County, Utah

Prepared by:

Donald R. Dunckley  
Dunckley Engineering & Operating  
2004 Wood Court  
Grand Junction, Colorado 81503  
(303) 243-3846

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  
 Bookcliff Petroleum Inc. *303*

3. ADDRESS OF OPERATOR  
 109 Glade Park Road, Grand Junction, CO 81503

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface: 660 FEL - 660 FSL *SESE*  
 At proposed prod. zone: Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approx. 15 miles west of Mack, Colorado

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)  
 660'

16. NO. OF ACRES IN LEASE  
 640

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 120

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 210'

19. PROPOSED DEPTH  
 1830 *Entrada*

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4787.6 GR

22. APPROX. DATE WORK WILL START\*  
 June 15, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24 K-55 ST&C	120 Ft.	Circ. cement to surface
7 7/8"	4 1/2"	10.5 #K-55 ST&C	1830 Ft.	500' above pay

- Exhibit A. - Supplemental Information ("10 Point Plan")
- " B. - Surface Use and Operations Plan
- " C. - Designation of Operator
- " D. - Preliminary Environmental Review
- " E. - Water Use Authorization
- " F. - Archaeology Survey Report
- " G. - Drawings

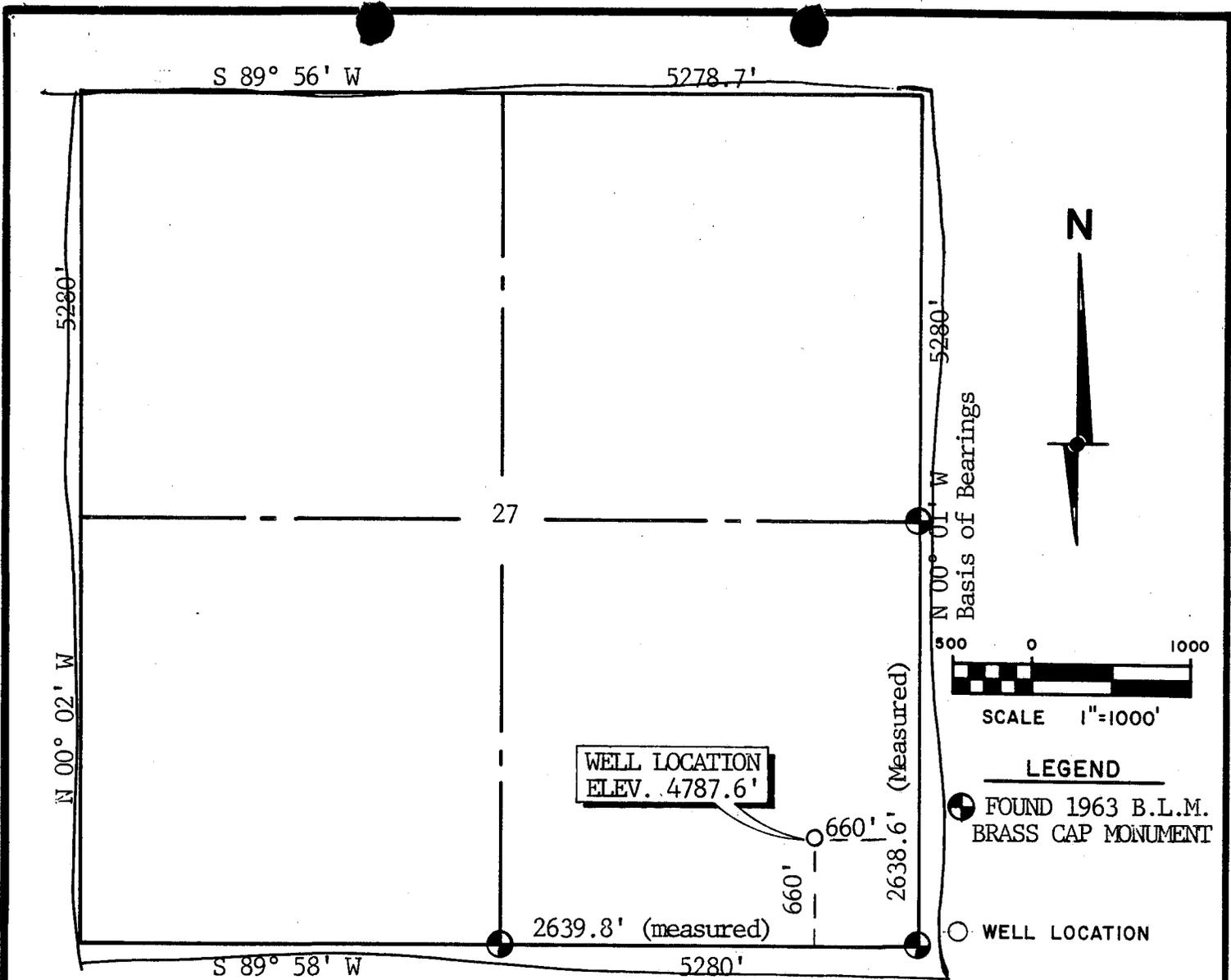
APPROVED BY THE STATE  
 OF UTAH COMMISSIONER OF  
 OIL, GAS, AND MINING  
 DATE: *5/11/82*  
 BY: *[Signature]*

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 *Donald R. Dunckley* TITLE Engineer DATE 5/11/82  
 (This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:



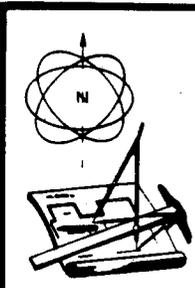
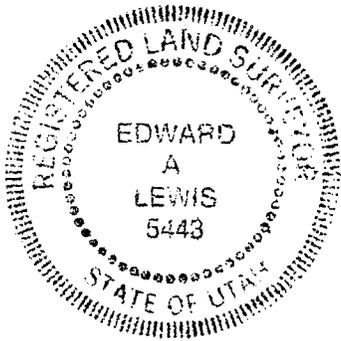
**WELL LOCATION**

660 Ft. F.S.L.-- 660 Ft. F.E.L.  
 Section 35 T. 18 S., R. 25 E., S.L.B.M.  
 Grand County, Utah

**SURVEYOR'S CERTIFICATE**

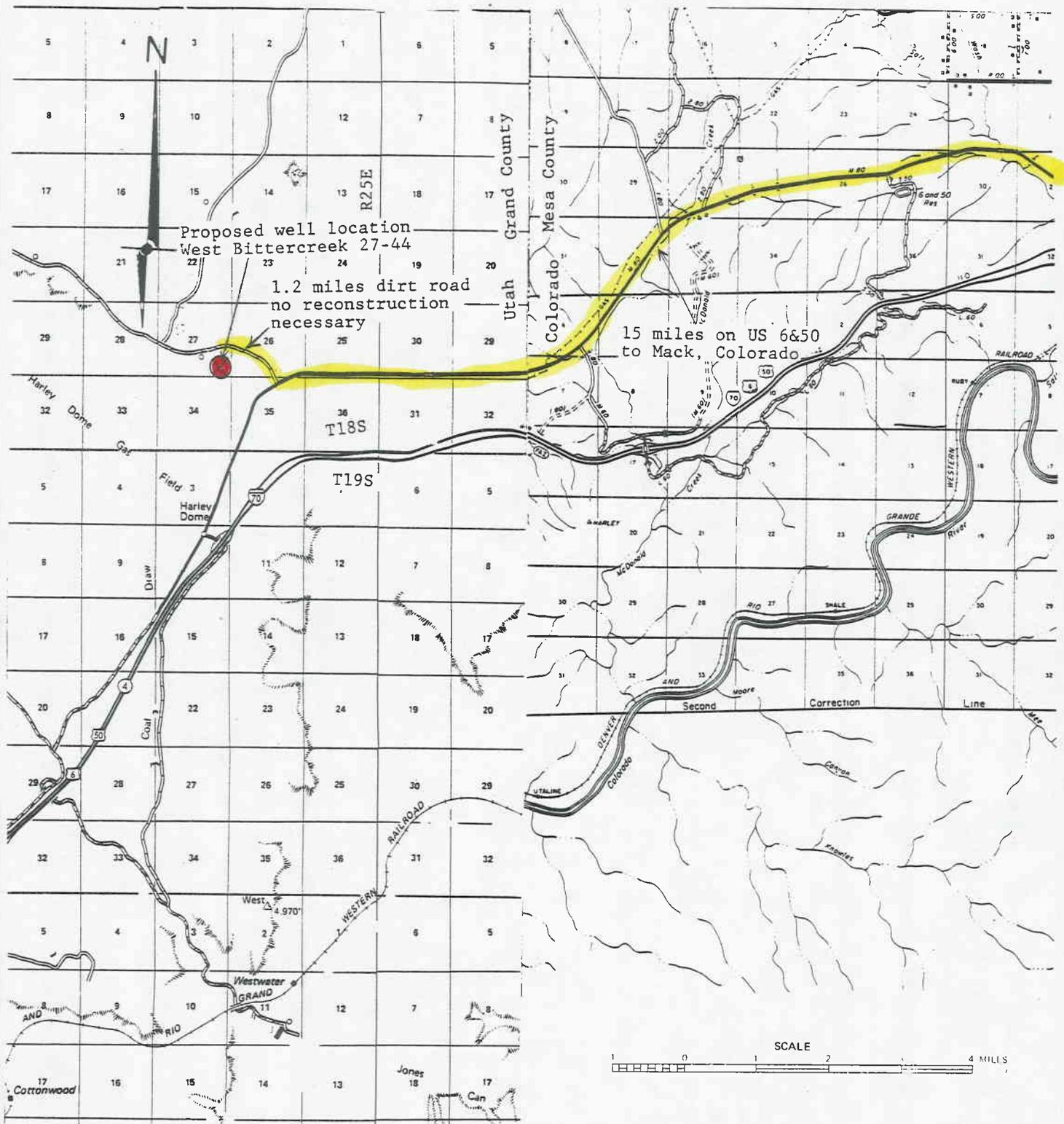
I, Edward A. Lewis, a registered land surveyor in the State of Utah, do hereby certify that this survey was made under my direct supervision and that this plat represents said survey.

*Edward A. Lewis*  
 Edward A. Lewis LS 5443



<b>ARMSTRONG ASSOCIATES, INC.</b> ENGINEERS • SURVEYS • U.S. MINERAL SURVEYORS 861 Rood Avenue-Grand Junction, Colorado 81501-(303) 245-3861	
SCALE 1"=1000' DATE 4/26/82 DRAWN BY JRA CHECKED BY EAL DATE OF SURVEY 4/21/82	<b>BOOKCLIFF PETROLEUM, INC.</b> WEST BITTER CREEK 27-44 (FED)
FIGURE 1 of	JOB NUMBER 823844

# EXISTING ROADS

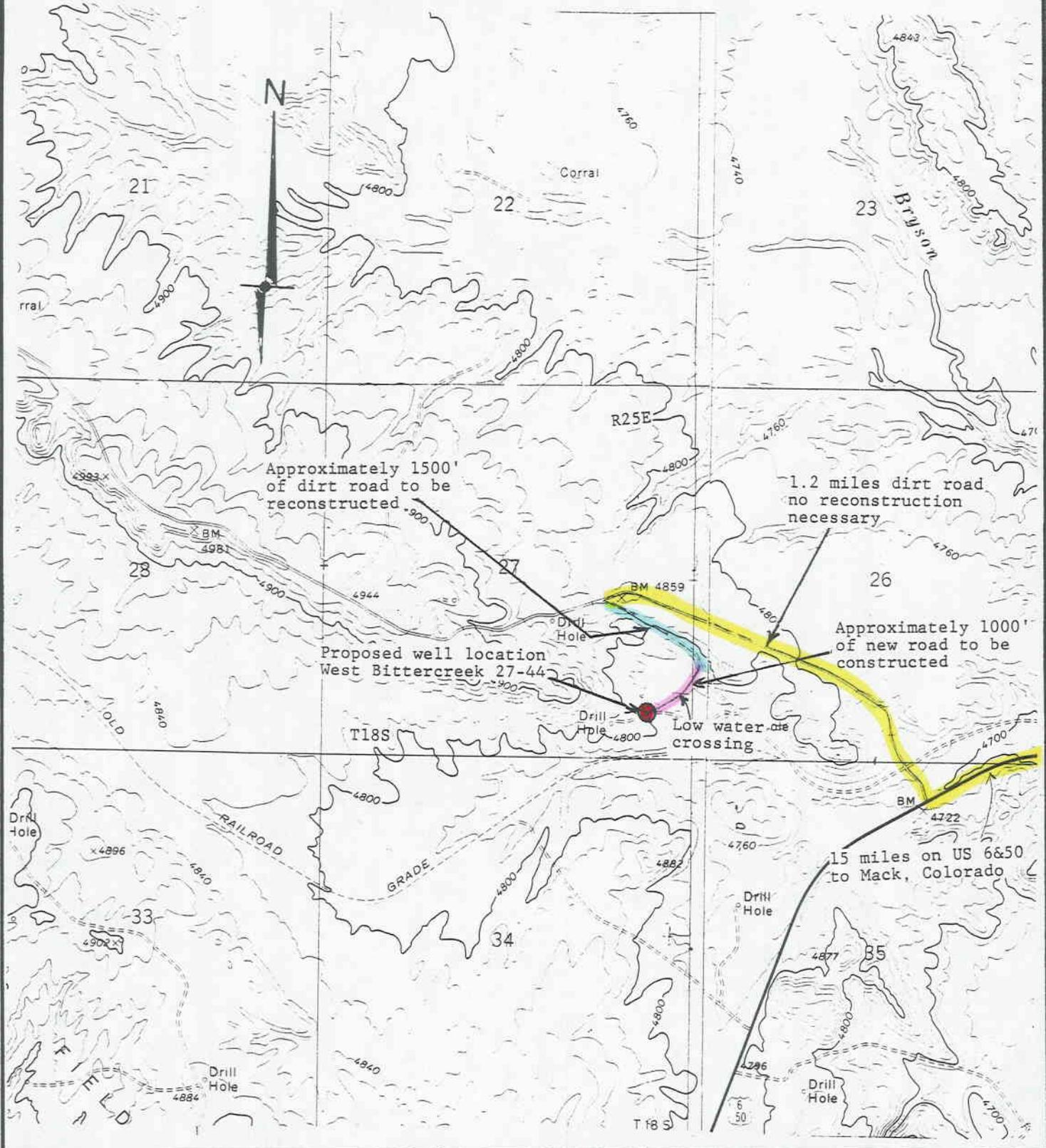


From:  
General Highway Map  
Grand County, Utah  
Mesa County, Colo.  
1977



<b>ARMSTRONG &amp; ASSOCIATES, INC.</b>	
ENGINEERS • SURVEYS • U.S. MINERAL SURVEYORS	
861 Rood Avenue-Grand Junction, Colorado 81501-(303)245-3861	
SCALE Shown	Bookcliff Petroleum Inc. West Bittercreek 27-44
DATE 4/28/82	
DRAWN BY	<b>FIGURE 3</b>
CHECKED BY	
DATE OF SURVEY 4/21/82	JOB NUMBER <b>823844</b>

# PLANNED ACCESS ROADS



From:  
 Bitter Creek Well, Ut.-Co.  
 Harley Dome, Utah  
 U.S.G.S. 7.5 min. series  
 1970



## ARMSTRONG & ASSOCIATES, INC.

ENGINEERS • SURVEYS • U.S. MINERAL SURVEYORS  
 881 Flood Avenue-Grand Junction, Colorado 81501-(303)245-3881

SCALE = 2000'  
 DATE 4/28/82  
 DRAWN BY  
 CHECKED BY  
 DATE OF SURVEY 4/21/82

Bookcliff Petroleum Inc.  
 West Bittercreek 27-44

**FIGURE 4**

JOB NUMBER  
 823844

RUBY BASKER

17

# Existing wells & leases.

U.S. LAND C. P. & MINING CO. EL. 70 14830

6869 (22)

13

U. S.

State

U. S.

U. S.

U. S.

38277 (29)

ARTER OIL

EL 5006 DF TD 2300

20

21

A. Lansdale 41664 HBP

A. Lansdale 6869 7.17.81

22

A. Lansdale 32184 Term of Unit

6869 (22)

23

A. Lansdale 2793 4.11.83

5169 (22)

24

38277 11.1.87

29

4612 NB 1534

R. G. MURPHY 42064 2.1.89

28

Proposed well

27

TEXOTA OIL EL 4899 DF TD 1540 GOVT.

Hubert Cone 39507 3.1.88

6821 (35)

26

7.17.87

Kath 1354

25

A. Lansdale ML 34922 12.1.89

Broadhead 805 4.7.84

32

WILSON TILTON EL 4936 GR

LARSON TD 4197

PHILLIPS FEDERAL LANDS A. Lansdale 0146256 HBP

4893

33

13032

34

A. Lansdale 6821 HBP

39507 (26)

35

Sonia V. Mc C. ML 31026 9.1.87

36

21024 (11)

39248

24102 (4)

38843 (10)

28242 (4)

1053 (7)

5

A. Lansdale 24102 11.83

A. Lansdale 31802 2.1.86

F. A. Witter 78242 11.1.84

Lansdale 1990

3

A. Lansdale 31476 12.1.85

0146256 (133)

Broadhead

3

Wm. D. Hewitt ML 36538 3.1.89

S. V. Mc Cormick ML 32023 8.1.85

2

44220 (11)

4

38843 (10)

21053 (7)

8

21053 (7)

9

38843 (10)

31803 (10)

A. Lansdale 31803 2.1.86

1170 4821

Frank B. Adams 38843 1.1.88

STADIA LARSEN & OIL EL 4490 GR TD 1218 LARSON GOVT.

9

31803

1170 4821

Frank B. Adams 38843 1.1.88

10

Elzabene Sullivan 44220 10.1.89

11

Hubert Cone 39507 3.1.88

12

1053 (7)

21656 (20)

11

Mitchell Energy ML 29212 2.1.83

11

Beard Oil 23866 4.1.87

11

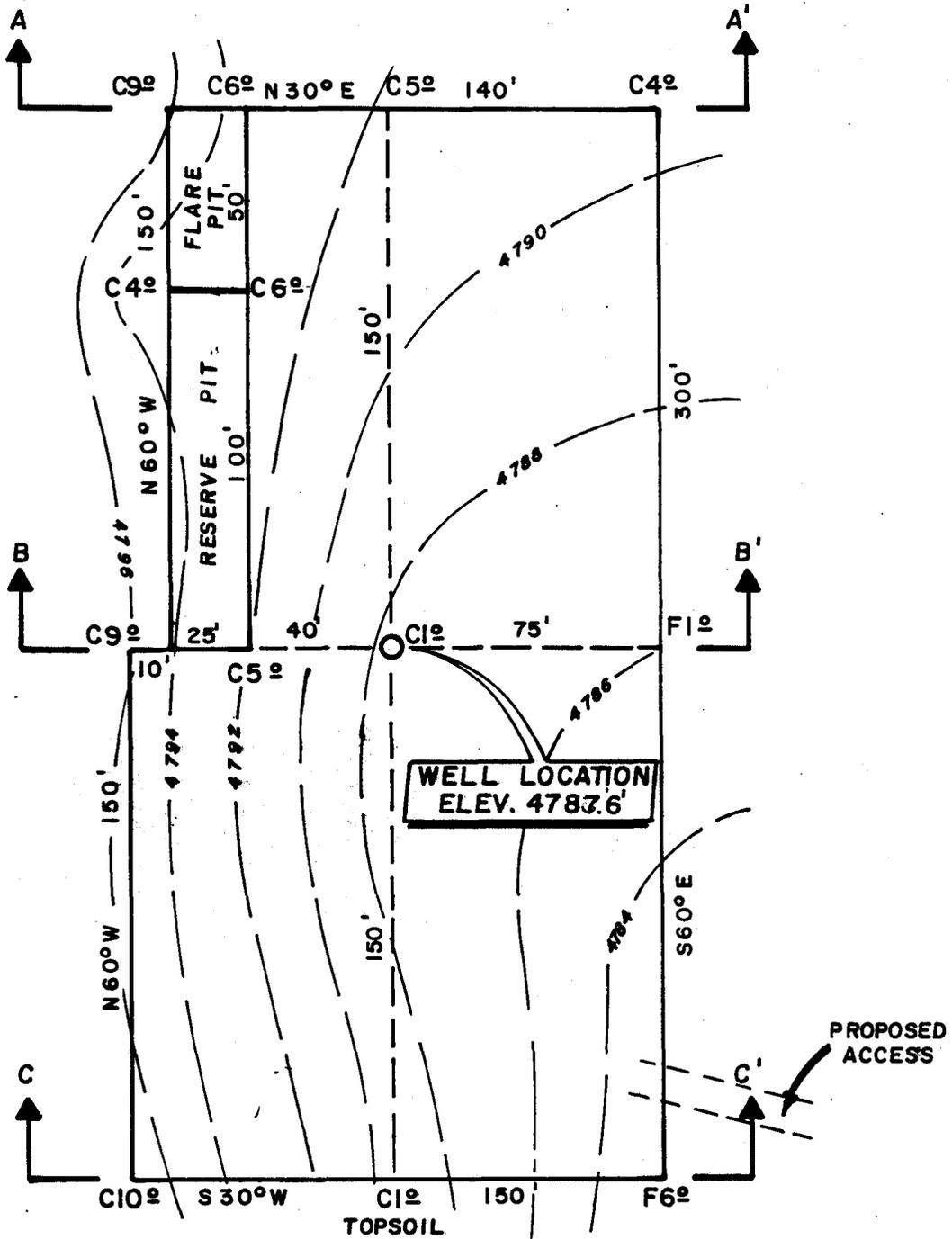
Beard Oil 23864 1.1.84

11

RESOURCE VENTURES CORP. EL 4494 TD 250 FEDERAL

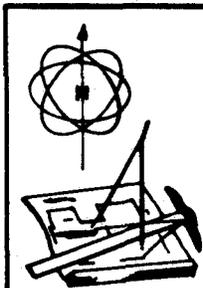
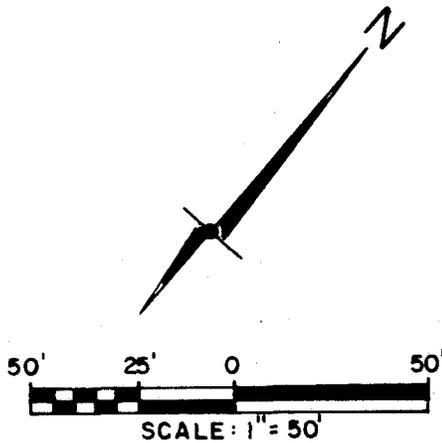
11

# PAD TOPOGRAPHY



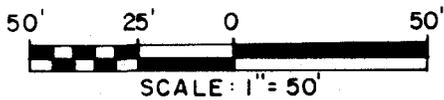
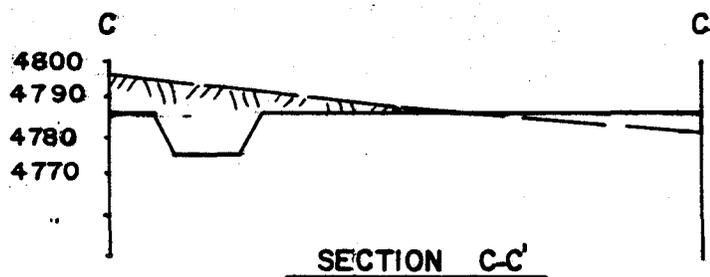
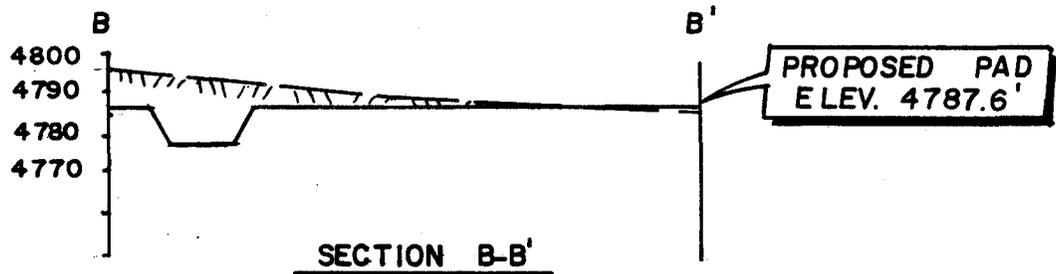
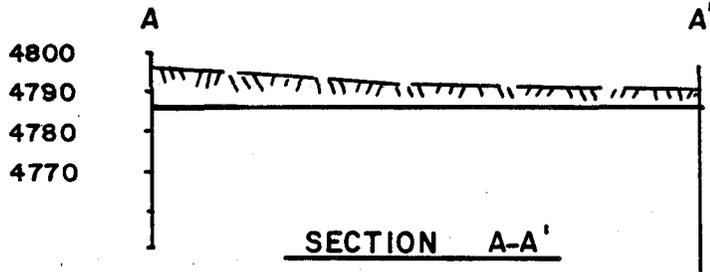
REF.PT. 200' NORTH ELEV. 4784  
 REF.PT. 200' EAST ELEV. 4780

SOIL: SILTY CLAY  
 VEGETATION: SHADSCALE, GREASEWOOD,  
 & GRASSES, 20% COVER



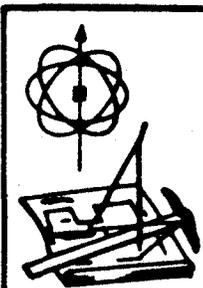
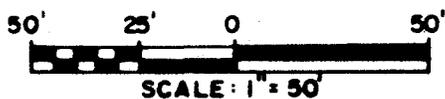
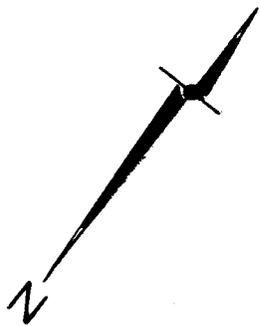
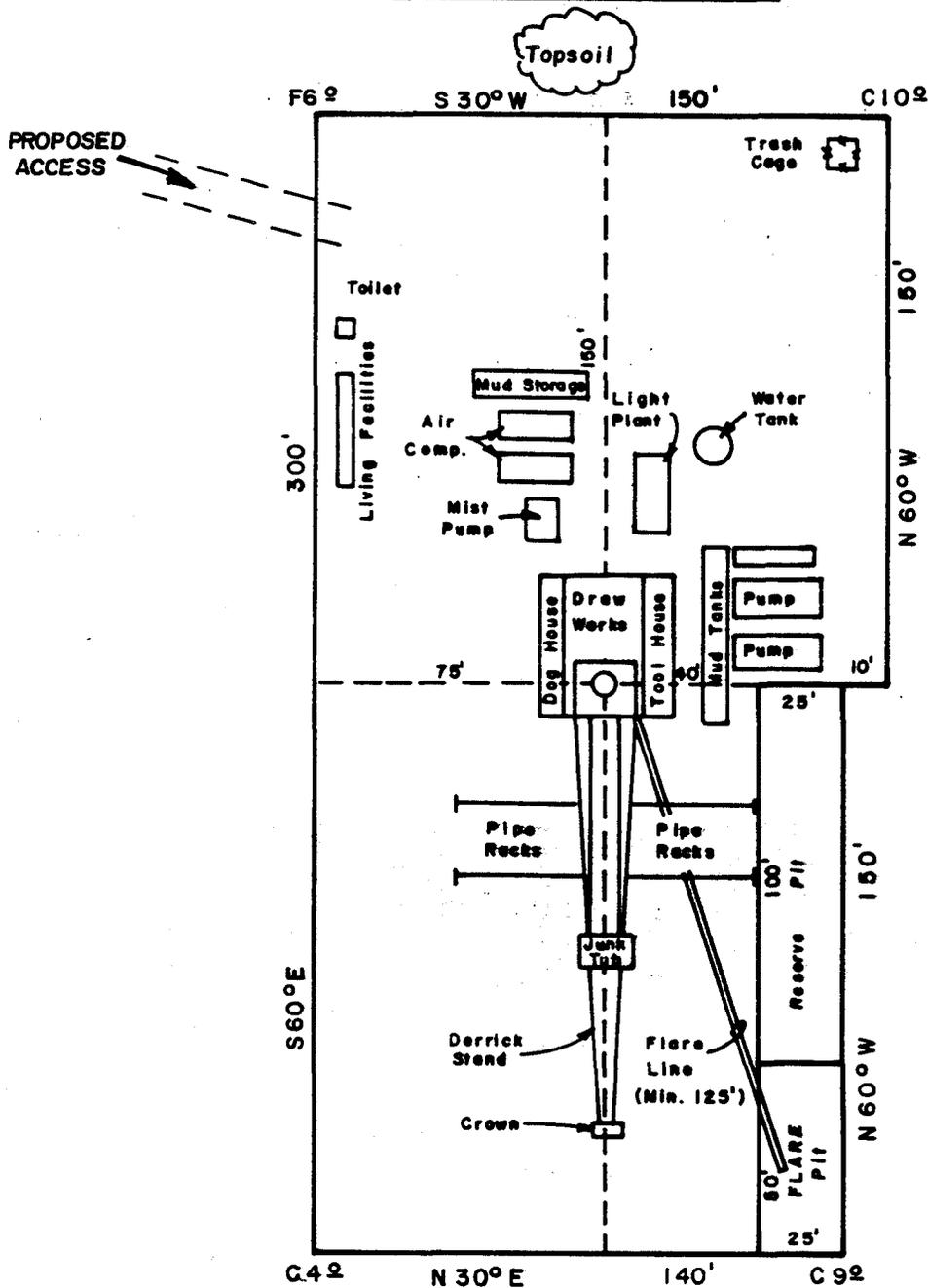
<b>ARMSTRONG &amp; ASSOCIATES, INC.</b>	
ENGINEERS · ARCHITECTS · SURVEYORS · SOIL TESTING · GEOTECHNICIANS	
861 ROOD AVE. - GRAND JUNCTION, COLORADO 81501 - (305)245-3861	
SCALE 1" = 50'	<b>BOOKCLIFF PETROLEUM INC.</b>
DATE 4-29-82	
DRAWN EAG	<b>WEST BITTERCREEK 27-44</b>
CHECKED	<b>FIGURE 5</b>
SURVEY	
JOB NUMBER <b>823844</b>	

# CROSS SECTIONS



	<b>ARMSTRONG &amp; ASSOCIATES, INC.</b>	
	ENGINEERS · ARCHITECTS · SURVEYORS · SOIL TESTING · GEOTECHNICIANS 861 ROOD AVE. - GRAND JUNCTION, COLORADO 81501 - (305)245-3861	
	SCALE 1" = 50'	<b>BOOKCLIFF PETROLEUM INC.</b>
	DATE 4-29-82	<b>WEST BITTERCREEK 27-44</b>
	DRAWN EAG	<b>FIGURE 6</b>
CHECKED	<b>JOB NUMBER</b>	
SURVEY	<b>823844</b>	

# RIG LAYOUT



<b>ARMSTRONG &amp; ASSOCIATES, INC.</b>		
ENGINEERS · ARCHITECTS · SURVEYORS · SOIL TESTING · GEOTECHNICIANS		
861 ROOD AVE. - GRAND JUNCTION, COLORADO 81501 - (303) 246-3881		
SCALE 1" = 50'	<b>BOOKCLIFF PETROLEUM INC.</b> WEST BITTERCREEK 27-44	
DATE 4-29-82		
DRAWN EAG	<b>FIGURE 7</b>	
CHECKED		
SURVEY		
		<b>JOB NUMBER</b> 823844

\*\* FILE NOTATIONS \*\*

DATE: 5-12-82  
 OPERATOR: Bookcliff Petroleum, Inc.  
 WELL NO: West Bitter Creek 27-44  
 Location: Sec. <sup>SESE</sup> 27 T. 185 R. 25E County: Grand

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

API Number 43-019-30996

CHECKED BY:

Petroleum Engineer: AK 9/1/82 order no. 102-16B  
Verbal approval given to Mr. Don Brundley to  
P & A Lamsdale #18.

Director: Approval conditional upon properly plugging the  
Lamsdale #18 well as per verbal approval of September  
1, 1982.

Administrative Aide: as per order below.  
(See close to Lamsdale Government #12)

APPROVAL LETTER:

Bond Required:  Survey Plat Required:

Order No. 12-16B 9-26-79 O.K. Rule C-3

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

Lease Designation  Plotted on Map

Approval Letter Written

Hot Line  P.I.

JUN 8 1982

United States Department of the Interior  
SALT LAKE CITY, UTAH Minerals Management Service  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104-3884

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Booth Oil & Petroleum Inc.  
Project Type Gas well workover  
Project Location 660 FEL 735 FEL SEC 27 T18S R25E  
Well No. 27-44 Lease No. U-6868  
Date Project Submitted 5-7-82

FIELD INSPECTION Date 5-26-82

Field Inspection Participants Craig Hansen mms - Uernal  
Paul Brown Bkm mms  
Beverly Lewis " "  
Don Duntley Booth Oil & Petroleum

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

6-1-82  
Date Prepared

Craig Hansen  
Environmental Scientist

I concur

JUN 08 1982  
Date

W. P. Mantas FOR E. W. GUYNN  
District Supervisor DISTRICT OIL & GAS SUPERVISOR



## CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

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

Recommended stipulations for  
Bartch Petroleum Inc #27-44

1. Production separator will be painted a color to blend in with the natural surroundings.
2. proper ~~to~~ <sup>with</sup> ~~to~~ reduce cut and fill.
3. Low center crossings will be placed on drainage.
4. Production flowline will ~~be~~ <sup>flow south</sup> ~~existing~~ ~~cross~~ ~~road~~ ~~to~~ ~~main~~ ~~transmission~~ ~~line~~ ~~at~~ ~~the~~ ~~location~~ <sub>South</sub>
5. water will be obtained at made color.
6. operations will start after June 20<sup>th</sup> for oil zone grounds.
7. topsoil will be placed on the west edge of the location.
8. operator will adhere to 13m surface stipulations



# United States Department of the Interior

IN REPLY REFER TO

3109  
(U-068)

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

JUN 04 1982

Memorandum

To: Oil & Gas Office, Minerals Management Service  
P.O. Box 1037  
Vernal, Utah 84078

From: Area Manager, Grand

Subject: Application to Drill (APD)  
Bookcliff Petroleum 27-44, U-6868  
Section 27, T. 18 S., R. 25 E.  
Grand County, Utah

On May 26, 1982 a representative from this office met with Cody Hansen, Minerals Management Service (MMS), and Don Dunckley, agent of Bookcliff Petroleum for an inspection of the above referenced location. Subject to the attached conditions and written approval from MMS, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

Due to antelope kidding grounds in the area, construction will not start until June 20, 1982.

Please forward the enclosed information to Bookcliff Petroleum Inc.

ACTING *Ray R. Hansen*

Enclosures (4)  
1-Reclamation Procedures  
2-Seed Mixture  
3-Suggested Colors - Productions Facilities  
4-Class III Road Standards



ADDITIONS TO THE MULTIPOINT  
SURFACE USE PLAN  
AND  
RECLAMATION PROCEDURES

CONSTRUCTION:

- 1). The operator or his contractor will contact the Grand Resource Area Office in Moab, Utah (phone (801) 259-6111) 48 hours prior to beginning any work on public land.
- 2). The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.
- 3). Use of water from sources such as wells, springs, streams or stock ponds for activities associated with this well will be approved, prior to use, by the agency or individual holding the water right.
- 4). If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the Grand Resource Area Office will be contacted. All employees working in the area will be informed by the operator that they will be subject to prosecution if they are caught disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will only be done if damage occurs.
- 5). Improvement to the existing road will be necessary surface. The total disturbed width allowed will be 30 feet. The allowable travel surface will be 18 feet. Where pipelines are buried along road total disturbance may be up to 35 feet. All lines will be buried and rehabilitated in te same manner as the well pad.  
  
New road construction will be limited to an allowable travel surface width of 18 feet. For construction design and survey refer to class III road standards attachment.  
  
SSurface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.  
  
Surfacing material will not be placed on the access road or location without prior BLM approval.
- 6). Location: Move 75 feet to north to reduce cut and fill. Access from East corner.
- 7). The top 4-68inches of soil material will be removed from the location and stockpiled on the SW side of the location. Topsoil will be reserved in place.

8. The reserve pit will not be lined with commercial bentonite or plasticc 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 with one strand barbed wire on top.

## REHABILITATION

1. Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be disposed of in the trash cage. Non-burnable debris will be hauled to a local town dump site.
2. The operator or his contractor will contact the Grand Resource Area BLM Office in Moab, Utah, phone (801) 259-6111, 48 hours prior to starting rehabilitation work that involves earthmoving equipment and upon completion of restoration measures.
3. Before any dirt work to restore the location takes place, the reserve pit must be completely dry and any trash (barrels, metal etc.) it contains must be removed from public lands.
4. All disturbed areas will be recontoured to blend as nearly as possible with the surrounding area.
5. The stockpiled topsoil will be evenly distributed over the disturbed area.
6. The disturbed areas will be scarified with the contour to a depth of 8 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 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 on all sloping surfaces as shown below:

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

## 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 topsoil will be used in reclaiming the unused areas.
2. All above-ground production facilities will be painted using the attached suggested colors.
3. The access will be to the design of a class III road.
4. Due to the antelope kidding grounds in the area construction will not start until after June 20th, 1982. Rehabilitation of pad (or non-production areas) and road must start within 90 days after well completion or abandonment.



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT

IN REPLY REFER TO

## SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

Cisco Desert and Flats below the Bookcliffs:

Dynasty Green	(Sears)
Tumbleweed	(Pratt & Lambert)
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>Grasses</u>		
		<u>lbs./acre</u>
Elymus salinus	Salina wildrye	1
Hilaria jamesii	Galleta (Curlygrass)	1
Oryzopsis hymenoides	Indian ricegrass	1
Sitanion hystrix	Bottlebrush squirreltail	1
<u>Forbs</u>		
Helianthus annuus	Common sunflower (Kansas sunflower)	1
Sphaeralcea coccinea	Scarlet globemallow	1
<u>Shrubs</u>		
Eurotia lanata	Winterfat (Whitesage)	<u>1</u>

Broadcast seed will be applied at double the above rate.  
Seeding will be done in the fall of the year (Oct. - Dec.)

7 lb/acre

September 2, 1982

Bookcliff Petroleum Inc.  
109 Glade Park Road  
Grand Junction, Colorado 81503

RE: Well No. West Bitter Creek 27-44  
SESE Sec. 27, T. 18S, 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 the Order issued in Cause No. 102-16B dated September 26, 1979. Approval conditional upon properly plugging the Lansdale #18 well as per verbal approval of September 1, 1982.

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

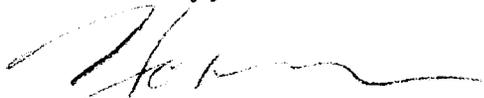
CLEON B. FEIGHT - Director  
Office: 533-5771  
Home: 466-4455

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 43-019-30996.

Sincerely,



Norman C. Stout  
Administrative Assistant

NCS/as  
cc: Minerals Management Service  
Enclosure

ORAL APPROVAL TO PLUG AND ABANDON WELL

Operator Bookcliff Petroleum Inc. Representative Don Dunkley

Well No. West Bitter Creek 27-44 Location SE ¼ SE ¼ Section 27 Township 18S Range 25E

County Grand Field \_\_\_\_\_ State State

Unit Name and Required Depth \_\_\_\_\_ Base of fresh water sands \_\_\_\_\_

T.D. 1240' Size hole and Fill per sack 6½ " \_\_\_\_\_ ' and Top \_\_\_\_\_ #/gal. \_\_\_\_\_

Casing Size	Set At	Top of Cement	To Be Pulled	Plugging Requirements		
				From	To	Sacks Cement
<u>7"</u>	<u>124'</u>	<u>surface</u>	_____	<u>1100' - up</u>	_____	<u>15 sks.</u>
_____	_____	_____	_____	<u>500' - up</u>	_____	<u>15 sks.</u>
<u>Formation</u>	<u>Top</u>	<u>Base</u>	<u>Shows</u>	<u>@ 124'</u>	_____	<u>25 sks.</u>
<u>Dakota</u>	<u>240'</u>	_____	_____	<u>@ surface w/marker</u>	_____	<u>10 sks.</u>
<u>Morrison</u>	<u>500'</u>	_____	_____	_____	_____	_____
<u>Entrada</u>	<u>1140'</u>	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

REMARKS

DST's, lost circulation zones, water zones, etc., \_\_\_\_\_

\_\_\_\_\_

Approved by R. J. Firth Date 9-14-82 Time \_\_\_\_\_ a.m.  
p.m.



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  
BOOKCLIFF PETROLEUM, INC.

3. ADDRESS OF OPERATOR  
109 Glade Park Rd.; Gnd Jct, Co 81503

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 600' FSL 660' FEL Sec27-18S-24E  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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

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

5. LEASE  
U-6868

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
West Bitter Creek

9. WELL NO.  
27-44

10. FIELD OR WILDCAT NAME  
Harley Dome

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SESE Sec. 27-18S-<sup>25E</sup>24E

12. COUNTY OR PARISH  
Grand

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4787' GR

(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.)\*

Well was abandoned by:

- 15 sxs cement placed on top of Entrada @ 1140'
- 15 sxs plug on top of Morrison @ 500'
- 25 sxs plug from 124' to surface.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

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

SIGNED Dirk Wunckley TITLE Engineer

DATE 9/21/82

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

*9/30/82*  
*R. Smith*  
Ft. \_\_\_\_\_

\* APPROVAL CONDITIONAL UPON  
FINAL LOCATION INSPECTION

File

OFFICE OF  
SALT LAKE CITY  
DIVISION OF  
CIVIL RIGHTS OF  
RESTORATION

3109  
(U-068)

OCT 25 1982

Moab District  
Grand Resource Area SALT LAKE CITY, UTAH  
P. O. Box 11  
Moab, Utah 84532

OCT 26 1982

Lookcliff Engineering, Inc.  
109 Glade Park Road  
Grand Jct., CO. 81503

Reference: Restoration - Bookcliff 27-44  
Lease U-CCAD  
SESE, Section 27, T. 18 S., R. 25 E.  
Grand County, Utah

Dear Mr. Dunckley:

On October 20, 1982, a representative from this office made an inspection of the above referenced location. Surface restoration is satisfactory. Final release is pending the success (perennial vegetative establishment) of the seeding.

Sincerely yours,

Colin P. Christensen  
Area Manager

cc:  
→ LBS, SLC

Revised 10/21/82



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

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

September 5, 1984

Branch of Fluid Minerals  
P.O. Box 970  
Moab, Utah 84532

Gentlemen:

Re: Well No. West Bitter Creek #27-44 - Sec. 27, T. 18S., R. 25E.  
Grand County, Utah - Lease #U-6868 - Bookcliff Petroleum

According to our records the above referred to well was plugged and abandoned September 21, 1982. Our office received a copy of the subsequent report of abandonment, however, we have never received a "Well Completion Report" on this location.

We are requesting a copy of the "Well Completion" from your office, if it is available, since our efforts to contact this company have been futile.

Your help in this matter will be greatly appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Claudia L. Jones".

Claudia L. Jones  
Well Records Specialist

clj

cc: D. R. Nielson  
R. J. Firth  
J. R. Baza  
File



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

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

September 15, 1983

Bookcliff Petroleum, Inc.  
c/o Haymaker and Associates  
1720 South Poplar, # 5  
Casper, Wyoming 82601

Re: Well No. West Bitter Creek # 27-33  
590' FSL, 2395' FEL  
SW SE, Sec. 27, T. 18S, R. 25E.  
Grand County, Utah

Well No. West Bitter Creek # 27-44  
600' FSL, 600' FEL  
SE SE, Sec. 27, T. 18S, R. 25E.  
Grand County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned wells are due and have 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.

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

Your prompt attention to the above will be greatly appreciated.

*Ron Firth contacted  
Donald Dunkley  
1/24/84 hold for  
information*

Respectfully,

DIVISION OF OIL, GAS AND MINING

*Cari Furse*

Cari Furse  
Well Records Specialist

CF/cf  
Enclosure



# United States Department of the Interior

IN REPLY REFER TO

3162 (U-065)  
(U-6868)

BUREAU OF LAND MANAGEMENT

Moab District  
P. O. Box 970  
Moab, Utah 84532

DEC 13 1984

State of Utah  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

ATTN: Claudia L. Jones

Re: Bookcliff Petroleum, Inc.  
Well No. West Bitter Creek 27-44  
Sec. 27, T. 18 S., R. 25 E.  
Grand County, Utah  
Lease U-6868

RECEIVED  
DEC 17 1984

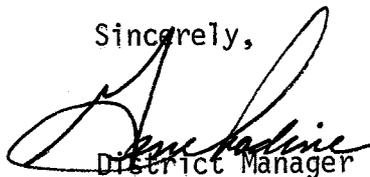
DIVISION OF  
OIL, GAS & MINING

Dear Ms. Jones:

Per your letter written September 5, 1984, we requested and finally received a Well Completion Report December 7, 1984 on the above well. A copy of this report is enclosed.

If you have any questions, please contact the Branch of Fluid Minerals (801) 259-6111.

Sincerely,

  
District Manager

Enclosure:  
Well Completion Report



Save Energy and You Serve America!

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other In-  
structions on  
reverse side)

NOV 20 1984 DEC - 7 1984 /16  
Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

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  
Bookcliff Petroleum Inc.

3. ADDRESS OF OPERATOR  
2932 PIERCE NE MPLS MN 55418

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
 At surface 660 FSL, 660 F.E.L. SESE  
 At top prod. interval reported below  
 At total depth 1240'

14. PERMIT NO. 43-019-30996 DATE ISSUED 9-1-82

5. LEASE DESIGNATION AND SERIAL NO.  
U 6868

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
HARLEY DOME

8. FARM OR LEASE NAME  
Consolidate Federal

9. WELL NO.  
27-44

10. FIELD AND CATCH OR WILDCAT  
Greater Cisco West Bitter Creek

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
2735, 18s-25E

12. COUNTY OR PARISH  
GRAND

13. STATE  
UT.

15. DATE SPUNDED 9-4-82 16. DATE T.D. REACHED 9-7-82 17. DATE COMPL. (Ready to prod.) D&A 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 4787 GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 1240 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY RT ROTARY TOOLS CABLE TOOLS

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

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL GR CNL 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>7 1/4</u>	<u>30'</u>	<u>123</u>	<u>8 3/4</u>	<u>1140'</u> <u>15 SF ENTRADA</u> <u>15 SF Morrison @ 500'</u> <u>25 SF 124'-Surface</u> <u>9-21-82</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

33.\* PRODUCTION

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

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 (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 Charles K. Bartholomew TITLE Operator Bookcliff Pet. Co. DATE 11-12-84

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
DAKOTA SILT	205'	260	Light Grey Silt in top. 6' Peaty Porous. Dark Grey shaly Silt 55' Very Carbonaceous	DAKOTA SILT	205'	✓
				DAKOTA SAND (2nd Sand)	300'	✓
			Plugged & Abandoned 9-21-82	ENTRADA	1150'	✓
			155x Entrada 1140-50'			
			75x Morrow 500'			
			255x 124' - Surface.			

DAYMON D. GILLILLAND

P. O. Box 1844  
Grand Junction, CO 81502  
(303) 241-3292

Division of Oil, Gas and Mining  
355 West North Temple,  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

March 12, 1985

Re: Additions to Producing Entity Action Form

Gentlemen:

Operating as Gililland Energy Corporation, a Utah corporation, I have acquired the following wells in addition to the wells listed on the attached form:

T17S, R25E, Grand County, Utah

Section 13: SWSW 43-019-30412 Brushy Basin  
Lansdale Fed. 13-13 Well

Section 14: SWNE 43-019-30279 Brushy Basin  
Lansdale Fed. 14-1 Well

T18S, R25E, Grand County, Utah

Section 27: NWSW 43-019-30037 Morrison  
Lansdale Gov't #8 Well

Section 27: SESE 43-019-30996 Morrison  
Lansdale Gov't 27-44 Well  
(Formerly the West Bitter Creek 27-44 Well)

Section 33: SWSE 43-019-20247 Morrison  
Lansdale Gov't #1 Well

Section 35: SWNW 43-019-30017 Morrison  
Lansdale Gov't #15

T19S, R25E, Grand County, Utah

Section 3: NWSW 43-019-30003 Entrada  
Lansdale #4

Should you have any questions, please call.

Sincerely,



Daymon D. Gililland  
President of Gililland Energy Corporation

RECEIVED

MAR 18 1985

DIVISION OF OIL  
& GAS & MINING



DAYMON D. GILILLAND

P. O. Box 1844  
Grand Junction, CO 81502  
(303) 241-3292

Division of Oil, Gas & Mining  
3 Triad Center, Suite 350  
355 W. North Temple  
Salt Lake City, UT 84180

September 9, 1985

ATTN: Pam Kenna

Re: Your letter dated 8-29-85

*185. 25E. 27*

Dear Ms. Kenna:

*West Bittercreek 27-44*

The Bookcliff Petroleum Well No. ~~Lonsdale 27-33~~ was drilled and abandoned years prior to my becoming the Operator of the Federal Lease.

Your office may have the logs on P.I.'s film but in any case you may purchase the logs from P.I.

The Completion Report was made based on information gleaned from your records.

Sorry I can't be of further assistance.

Sincerely,

*Daymon D. Gililland*

Daymon D. Gililland

DDG/bg



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 4, 1985

Daymon D. Gililland  
P.O. Box 1844  
Grand Junction, Colorado 81502

Gentlemen:

Re: Well No. W. Bitter Creek 27-44 - Sec. 27, T. 18S., R. 25E.,  
Grand County, Utah - API #43-019-30996

According to our records a "Well Completion Report" filed with this office November 12, 1984 on the above referenced well indicates the following electric logs were run: DIL GR CNL. This office has not yet received these logs.

Please take care of this matter as soon as possible, but not later than October 18, 1985.

Your cooperation in this matter is appreciated.

Sincerely,  
*Pam Kenna*

Pam Kenna  
Well Records Specialist

Enclosure  
cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File

0170S/45