



CHANDLER & ASSOCIATES, INC.

1860 LINCOLN

1400 LINCOLN TOWER BUILDING  
DENVER, COLORADO 80203  
OIL & GAS EXPLORATION AND PRODUCTION

303 863-9100

March 26, 1984

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

RE: Application for Permit to Drill  
Buzzard Bench Unit Fed. 3-27  
NE NW Sec. 27-19S-7E  
Emery County, Utah  
  
Buzzard Bench Unit Fed. 10-6  
NW SE Sec. 6-18S-7E  
Emery County, Utah

Gentlemen:

Enclosed please find three copies of the APD for the captioned wells.

Please contact us should you need more information.

Sincerely yours,

CHANDLER & ASSOCIATES, INC.

David Burnett

enclosures  
DB/tz

P.S. I also enclosed a copy of the  
Orangeville Unit 10-21. You should  
be receiving approval of expansion  
of both Buzzard Bench and  
Orangeville Units shortly.

RECEIVED

APR 2 1984

DIVISION OF  
OIL, GAS & MINING

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

2. NAME OF OPERATOR  
 CHANDLER & ASSOCIATES, INC.

3. ADDRESS OF OPERATOR  
 1400 Lincoln Tower, 1860 Lincoln St. Denver, Co.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface  
 1482 FEL; 1394 FSL  
 At proposed prod. zone  
 Same NWSE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approx. 8 miles westerly of Orangeville, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1394'

16. NO. OF ACRES IN LEASE 1,631.12

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

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

19. PROPOSED DEPTH 4300' *Jumuk*

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6448' (ground)

22. APPROX. DATE WORK WILL START\* April 5, 1984

5. LEASE DESIGNATION AND SERIAL NO.  
 U-52685

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 ----

7. UNIT AGREEMENT NAME  
 Buzzard Bench

8. FARM OR LEASE NAME  
 Buzzard Bench Unit Fed.

9. WELL NO.  
 10-6

10. FIELD AND POOL, OR WILDCAT  
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 6-18S-7E

12. COUNTY OR PARISH  
 Emery

13. STATE  
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2	8-5/8	24#	120	125 sx.
7-7/8	5 1/2	15.5#	4300'	150 sx.

1. Drill to TD of 4300 (Ferron).
2. Run 5 1/2" casing if commercial production is indicated.
3. If dry hole, P&A as instructed by the BLM.
4. Well will be drilled with compressed air, tested open hole and mud-up to run 5 1/2" casing.
5. Well control equipment will include double hydraulic BOP system of 900 series. A fillup line will be installed, equipment pressure mechanically checked daily while drilling.

Well Name: Buzzard Bench Unit Fed. 10-6



APPROVED BY THE STATE APR 2 1984  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING DIVISION OF

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, and blowout preventer program, if any.

24. SIGNED Richard Veghte TITLE Petroleum Engineer DATE 3/26/84

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

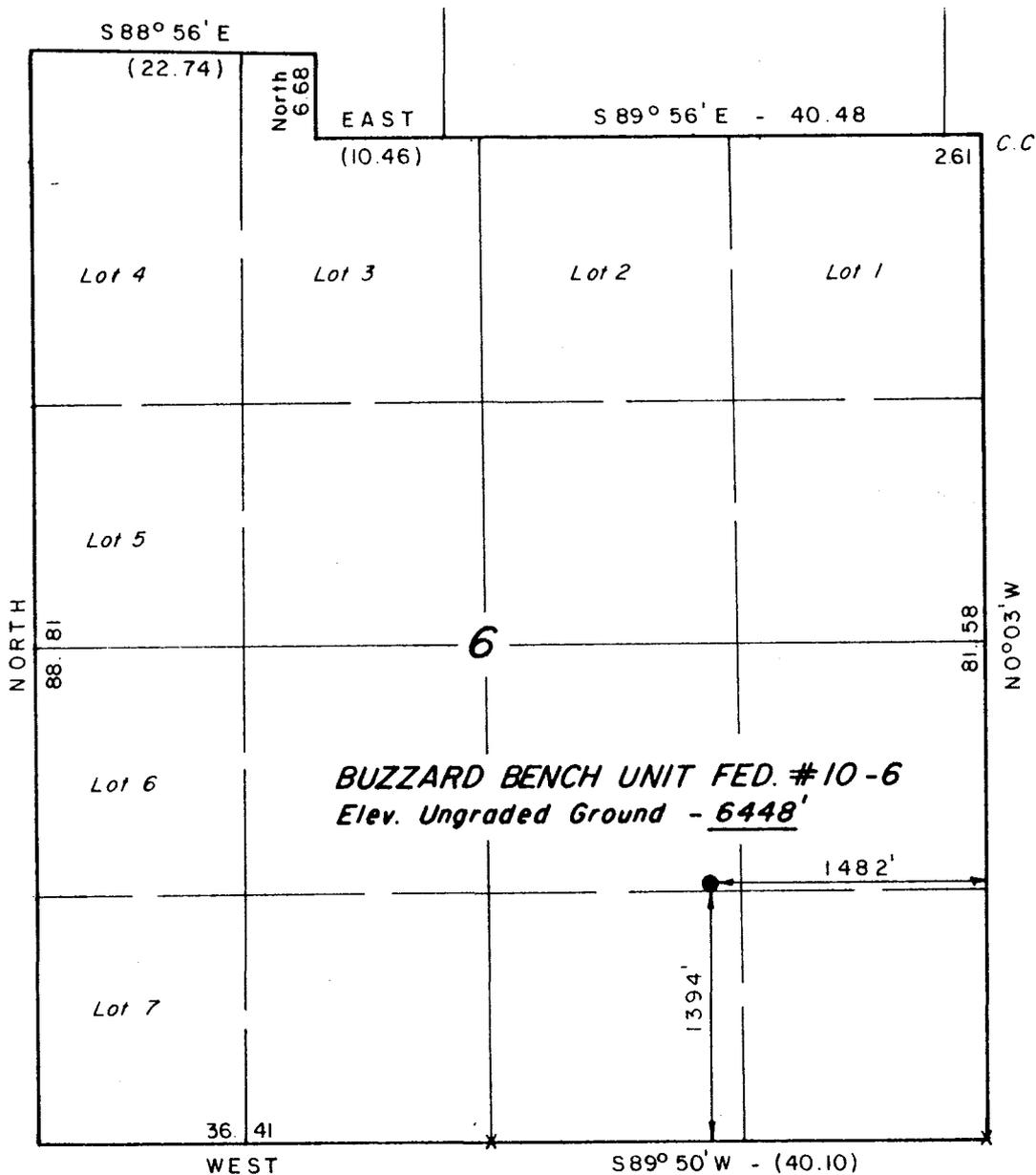
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

T18S, R7E, S.L.B.&M.

PROJECT

CHANDLER & ASSOCIATES, INC.

Well location, **BUZZARD BENCH UNIT**  
**FED. #10-6**, located as shown in the  
 NW1/4 SE1/4 Section 6, T18S, R7E,  
 S.L.B.&M. EMERY County, Utah.



CERTIFICATE

I HEREBY CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
 FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
 SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
 BEST OF MY KNOWLEDGE AND BELIEF

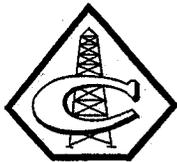
*Richard D. Chandler*

REGISTERED LAND SURVEYOR  
 REGISTRATION NO 2454  
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
 P.O. BOX Q - 85 SOUTH - 200 EAST  
 VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	2 / 17 / 84
PARTY	DA GS DK RP	REFERENCES	GLO Plat
WEATHER	Fair	FILE	CHANDLER

X = Section Corners Located



# CHANDLER & ASSOCIATES, INC.

1860 LINCOLN

1400 LINCOLN TOWER BUILDING

DENVER, COLORADO 80203

303 863-9100

OIL & GAS EXPLORATION AND PRODUCTION

March 26, 1984

Bureau of Land Management  
Moab District Office  
125 W 2nd Street  
Moab, UT 84501

RE: Buzzard Bench Unit Fed. 10-6  
NW SE Sec. 6-18S-7E  
Emery County, UT

Gentlemen:

Enclosed is the additional information required for permitting the above well:

1. Surface Formation: Emery
2. Geological Markers:

Emery	430
Ferron	3786 ✓
Tununk	4200
TD	4300
3. Producing Formation: Ferron
4. Casing Program: Surface 8-5/8, 24#, grade K55-NEW  
Production 5½, 15.5#, grade K55-NEW
5. Blowout Preventer: (a) Shaffer 10" 900 double hydraulic with Payne closing unit. One set runs blind and one set for 4" drill pipe; tested upon installation and daily. (b) 10" 900 rotary head for use while air or mist drilling. Schematic diagram attached.
6. Circulating Medium: Well will be drilled with compressed air and mist if required. Mud up will occur for running casing only.
7. Auxiliary Equipment:
  - (a) Drill String Floats will be used.
  - (b) Float will be used.
  - (c) No monitoring on mud system as air will be used for drilling.
  - (d) Stabbing valve will be used for drill pipe.
8. Evaluation Program: No drill stem tests will be run due to air drilling. No cores are anticipated. An IES and GR-Density will be used for logging.

8. Evaluation Program Cont.: Should this evaluation program indicate commercial quantities of hydrocarbons are in place, casing will be set and completion attempted utilizing hydraulic fracturing techniques. The size of treatment, pounds of propanant, volume and type of fluid will be determined after log and formation analysis is completed.
9. Potential Hazards: No abnormal high pressure, temperatures or hydrogen sulfide gas should be encountered. Productive zone is normal in pressure and gas analysis indicate no H<sub>2</sub>S hazard.
10. Starting Date: The anticipated starting date is April 5, 1984 with operations being conducted for 10 days.

Please notify us if any additional information is necessary for the permitting of this well.

Yours truly,

CHANDLER & ASSOCIATES, INC.

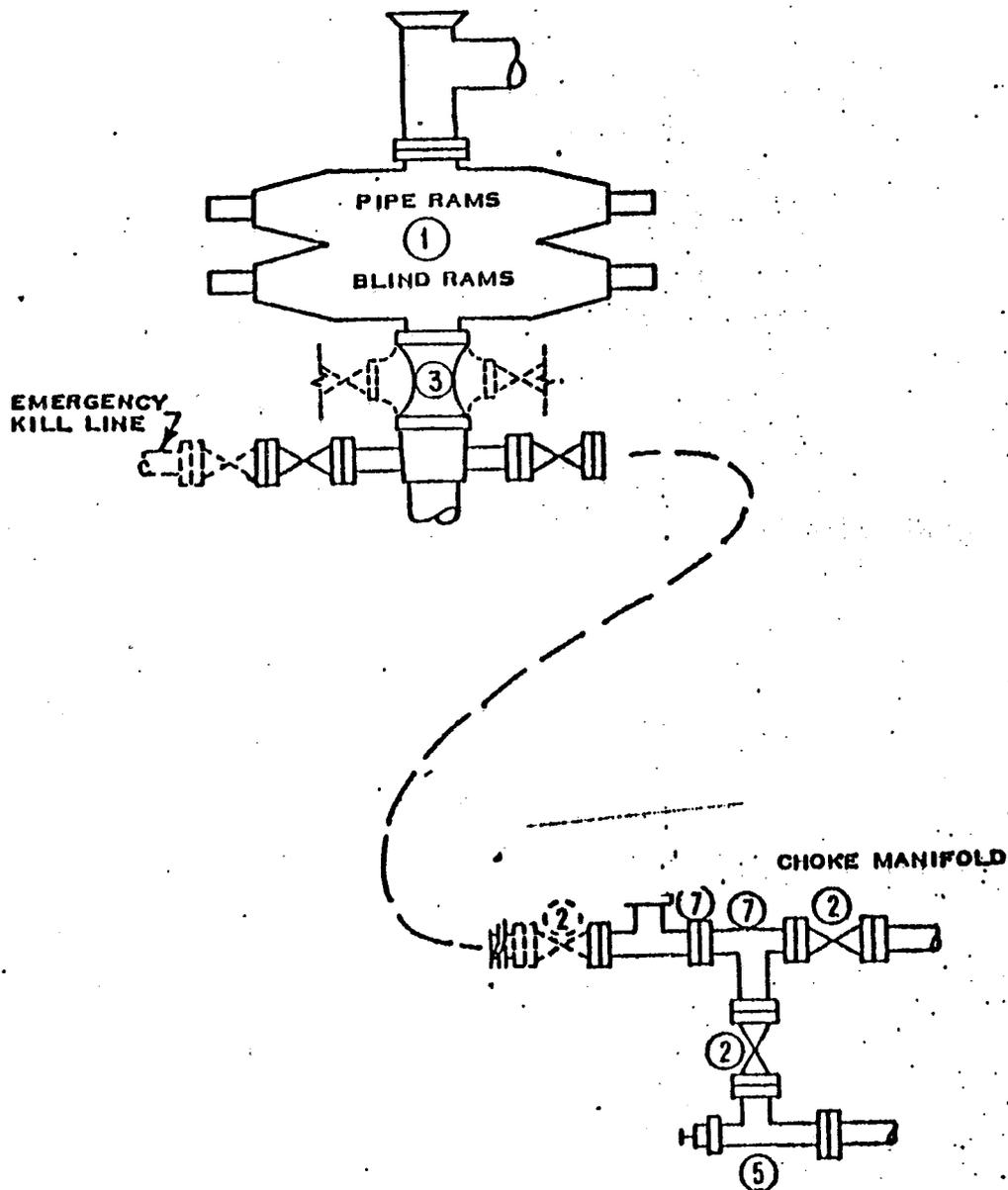


Richard Veghte  
Petroleum Engineer

RV/tz

Attachment

# DOUBLE PREVENTER



- ① SERIES 900 RAM-TYPE BOP
- ② 2" SERIES 900 VALVE
- ③ SERIES 900 DRILLING SPOOL
- ④ 2" MUD PRESSURE GAUGE
- ⑤ 2" SERIES 900 CHOKE
- ⑥ 2" SERIES 900 CHECK VALVE
- ⑦ 2" SERIES 900 STEEL TEE

**NOTES:**

1. 3000 PSI WP CLAMP HUBS MAY BE SUBSTITUTED FOR FLANGES
2. VALVES MAY BE EITHER HAND OR POWER OPERATED BUT, IF POWER OPERATED, THE VALVES FLANGED TO THE BOP RUN MUST BE CAPABLE OF BEING OPENED AND CLOSED MANUALLY OR CLOSE ON POWER FAILURE AND BE CAPABLE OF BEING OPENED MANUALLY

..... OPTIONAL EQUIPMENT

**CHANDLER AND ASSOCIATES, INC.**

**3000 PSI WORKING PRESSURE  
BLOWOUT PREVENTER HOOK-UP  
(SERIES 900 FLANGES OR BETTER)**

CHANDLER & ASSOCIATES, INC.

13 Point Surface Use Plan

For

Buzzard Bench Unit Fed. #10-6

Located in

Section 6, T18S, R7E, S.L.B.&M.

Emery County, Utah

1. EXISTING ROADS:

a. Location of proposed well in relation to town or other reference point: approximately 8 miles Westerly of Orangeville, Utah.

b. Proposed route to location: Proceed Westerly out of Orangeville Utah on Highway #29 7.1 miles to the junction of a county road up Cottonwood Canyon; proceed Northerly on the Cottonwood Canyon road approximately 0.5 miles to the beginning of the proposed access road

c. Location and Description of roads in the area: See Topographic Map "B" U-29 is a bituminous surfaced (Black Topped) Cottonwood Canyon road is gravel surfaced.

d. Plans for improvement and/or maintenance of existing roads:  
None

e. Other: None

2. PLANNED ACCESS ROADS:

a. Width: 24' maximum disturbed area, 16' Travel lane.

b. Maximum grades: 9% maximum access road.

c. Turnouts: None

d. Location (centerline): Flagged

e. Drainage: 1 - 18" culvert to be installed in borrow pit from county road.

f. Surface materials (source): (None) if needed will acquire from private source.

g. Other: None

All travel will be confined to existing access road rights-of-way.

The access road will be rehabilitated or brought to Class III Road Standards within sixty (60) days of dismantling of the drilling rig.

If this time frame cannot be met, the Area Manager will be notified so that temporary drainage control can be installed along the access road.

The Class III Road Standards, which shall ensure drainage control over the entire road through the use of natural, rolling topography, ditch turnouts, drainage dips, outsloping, crowning, low water crossings, and culverts when necessary, will be determined at the appropriate field inspection.

3. LOCATIONS OF EXISTING WELLS: None within a one mile radius.

4. LOCATION OF TANK BATTERIES AND PRODUCTION FACILITIES:

All permanent (onsite for six months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, non-reflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5 State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1 1/2 times the storage capacity of the battery.

Tank batteries will be placed on the: Southeast corner of the location

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Moab District office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

5. LOCATION AND TYPE OF WATER SUPPLY:

All water needed for drilling purposes will be obtained from: Cottonwood Creek Irrigation Company

6. SOURCE OF CONSTRUCTION MATERIAL:

Road surfacing and pad construction material will be obtained from: If needed will be acquired from private source.

The use of materials under B.L.M. jurisdiction will conform to 43 CFR 3610 . 2-3.

Construction materials will not be located on lease.

7. METHODS OF HANDLING WASTE DISPOSAL:

The reserve pit will not be lined: unless during construction it is determined that the formation deemed necessary to line pit.

Burning will not be allowed. All trash must be contained and disposed of by: Hauling to the Emery County Sanitary Landfill.

Produced waste water will be confined to a unlined pit for a period not to exceed 90 days after initial production. During the 90 day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

8. ANCILLARY FACILITIES:

Camp facilities will not be required.

9. WELL SITE LAYOUT:

The reserve pit will be located: on the East side of the location in cut material.

The stockpiled topsoil will be stored: on the North and South ends of the location.

Access to the well pad will be from: County road to the South end of the location.

The trash pit will be located: All trash will be kept in a wire cage and hauled to a sanitary landfill.

Reserve pits will be fenced with a net wire fence and topped with at least one strand of barbed wire.

10. PLANS FOR RESTORATION OF SURFACE:

Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris, materials trash and junk not required for production.

Drill Pad Construction: (Mitigating Measures)

(1) To reduce form and line contrast, access road should be placed in Southern half of area to prevent additional side-cuts to northern slopes.

(2) North and eastern slopes could be cleared in a manner as to blend or contour to existing form, reducing contrast created by "squared" shape cuts. Where vegetation and rocks can be left undisturbed on pad area, do so; also reducing texture, color, and form contrast.

(3) All vegetation and rocks removed from area should be saved for reclamation purposes.

(4) To avoid any possible spillage run-off down-slope, a berm should be constructed in a manner to hold back liquids.

Reclamation:

(1) To reduce form, line and texture contrast, pad area should be brought back to original contours. Drainage and rocks should be placed to fit existing landscape character.

(2) To reduce color, line and texture contrast, all vegetation types should be replaced. Emphasis should be placed on pinyon and juniper tree types, with new trees planted to fit existing landscape character. Foreground brush types should also fit.

(3) Any remaining structures should meet the standards of paint contrast, where juniper green is dominant color.

(4) To prevent erosional texture contrast due to excessive drainage before vegetative reclamation, monitoring and reclaiming actions should take place on consistent check basis.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe etc. Will be removed as approved by the land owner.

All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

The following seed mixture will be used: (Shade Scale 1 pound per acre) - (Indian Rice - 2 pounds per acre) - (Sweet Yellow Clover 2 pounds per acre)

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed.

11. SURFACE AND MINERAL OWNERSHIP

Federal

12. OTHER INFORMATION

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.2.

"Sundry Notice and Report and Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

The dirt contractor will be provided with an approved copy of the surface use plan.

A cultural resource clearance will not be required before any construction begins. If any cultural resources are found during construction, all work will stop and the AO will be notified.

This permit will be valid for a period of one year from the date of approval. After permit termination a new application will be filed for approval for any future operations.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

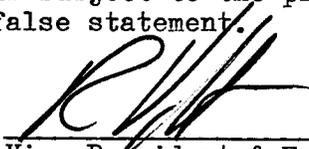
Representative

Name: Richard Veghte  
1860 Lincoln St.  
Address: 1401 Denver Club Building  
Phone No. (303) 629-6756 363-9100

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently 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: Chandler & Associates, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions or 18 U.S.C. 1001 for the filing of a false statement.

MAR 29 1984  
Date

  
Vice President & Engineer

## VISUAL CONTRAST APPLICATION

Chandler's proposed site for the  
Buzzard Bench Unit Fed. #10-6

### AFFECTED ENVIRONMENT

The objective of the visual resource evaluation and management process is to classify visual resources according to their inherent scenic quality, the number of people who see them and their attitudes toward alteration of the landscape, distance from viewers, and the man-made intrusions present. Based on this evaluation, areas are assigned management classes. Management guidelines for each class are designed to maintain or enhance visual quality.

The scenic quality of the affected area is class A scenery, which is assigned to areas that combine the most outstanding characteristics of the physiographic region.

Utah Department of Transportation (1982) estimates 1,000 annual average daily traffic (ADT) on RT. 29, providing access to Joe's Valley and other Forest Service recreation areas. Cottonwood Canyon road is a secondary access point to these areas and receives approximately 50 percent ADT as RT. 29. The high use volume (more than 200 ADT) combined with a secondary use association of recreation sites creates a medium sensitivity level.

The proposed drill pad is in the foreground/middleground distance zone. This zone is defined as the seen area to a distance of 3 to 5 miles where management activities might be viewed in detail.

The visual resource management (VRM) class of the affected area is a class II. Class II VRM objectives state that changes in any of the basic elements (form, line, color, texture) caused by a management activity should not be evident in the characteristic landscape. A contrast may be seen but should not attract attention.

### LANDSCAPE DESCRIPTION

#### Landform:

Form of the area includes simple slopes with one minor drainage. Form becomes strong with increased slopes in the middleground. Line is dominant with vegetation variation and slope differences. Foreground develops light contrast against heavier and darker vegetative color in middleground. Minor drainages cut stronger lines through smoother slopes. Huge boulders create distinctive visual texture to simple or weak form and color (for middleground).

#### Vegetation:

Foreground brush type, cactus, scattered PJ.

Middleground - Thick and big PJ. Slopes hold scattered PJ and brush.

Structures:

Foreground - Five-strand powerline, including two single poles in foreground.

CONTRAST RATING: on proposed drill pad.

<u>Land Surface</u>	<u>Element</u>	<u>Contrast*</u>	<u>Score</u>	<u>Max. Score Possible</u>
Features	Form	4 X 2	= 8	
	Line	3 X 2	= 6	
	Color	2 X 3	= 6	
	Texture	1 X 3	= 3	
	Sub-total		= 23*	30
<u>Vegetation</u>				
Features	Form	4 X 3	= 12	
	Line	3 X 2	= 6	
	Color	2 X 2	= 4	
	Texture	1 X 2	= 2	
	Sub-total		= 24*	30
<u>Structures</u>				
Features	Form	4 X 1	= 4	
	Line	3 X 1	= 3	
	Color	2 X 0	= 0	
	Texture	1 X 1	= 1	
	Sub-total		= 8*	30

\* Degree of Contrast

Strong	=	3
Moderate	=	2
Weak	=	1
None	=	0

\* Feature Score:

1-10 contrast can be seen, but does not draw attention.  
 11-20 attracts attention - contrast begins to dominate characteristic landscape.

21-30 demands attention will not be overlooked.

CONTRAST RATING: On proposed action w/mitigating measures and reclamation.

<u>Land Surface</u>	<u>Element</u>	<u>Contrast</u>	<u>Score</u>	<u>Max. Score Possible</u>
Features	Form	4 X 1	= 4	
	Line	3 X 0	= 0	
	Color	2 X 1	= 2	
	Texture	1 X 1	= 1	
	Subtotal			= 7
<u>Vegetation</u>				
Features	Form	4 X 1	= 4	
	Line	3 X 1	= 3	
	Color	2 X 1	= 2	
	Texture	1 X 1	= 1	
	Subtotal			= 10
<u>Structures</u>				
Features	Form	4 X 1	= 4	
	Line	3 X 1	= 3	
	Color	2 X 0	= 0	
	Texture	1 X 1	= 1	
	Subtotal			= 8
Total			= 25	90

IMPACTS

The proposed drill pad would create strong form and line contrast to landform and strong to moderate form, line, color, and texture contrast to the vegetation of the existing landscape character. These impacts would be long-term (greater than 5 years) and significant (contrast rating score exceeded the requirement for the VRM class). However, if the stipulations developed for mitigating these specific contrast are employed, the drill pad would be within acceptable limits for a class II area.

MITIGATING MEASURES

Drill Pad Construction:

(1) To reduce form and line contrast, access road should be placed in the Southern half of the area to prevent additional side-cuts to Northern slopes.

(2) North and Eastern slopes could be cleared in a manner as to blend or contour to existing form, reducing contrast created by "squared" shape cuts. Where vegetation and rocks can be left undisturbed on pad area, do so; also reducing texture, color, and form contrast.

(3) All vegetation and rocks removed from area should be saved for reclamation purposes.

(4) To avoid any possible spillage run-off down-slope, a berm should be constructed in a manner to hold back liquids.

RECLAMATION:

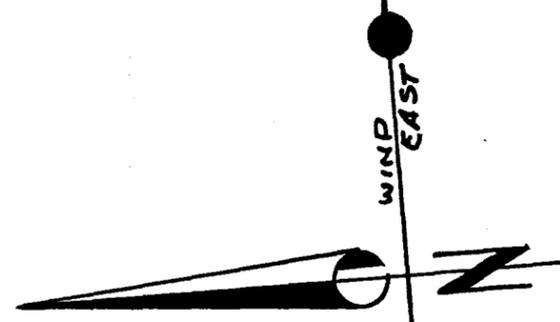
(1) To reduce form, line, and texture contrast, pad area should be brought back to original contours. Drainages and rocks should be placed to fit existing landscape character.

(2) To reduce color, line, and texture contrast, all vegetation types should be replaced. Emphasis should be placed on pinyon and juniper tree types, with new trees planted to fit existing landscape character. Foreground brush types should also fit.

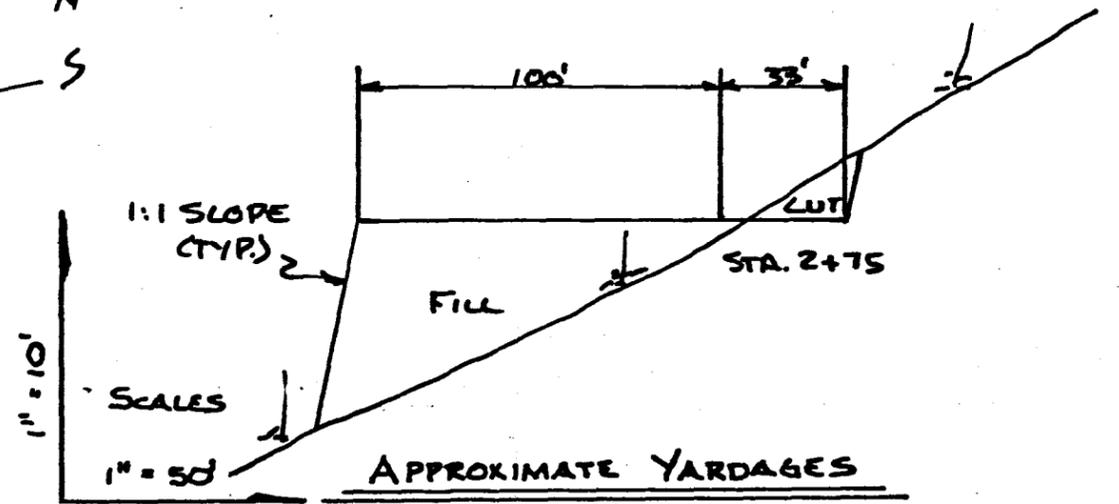
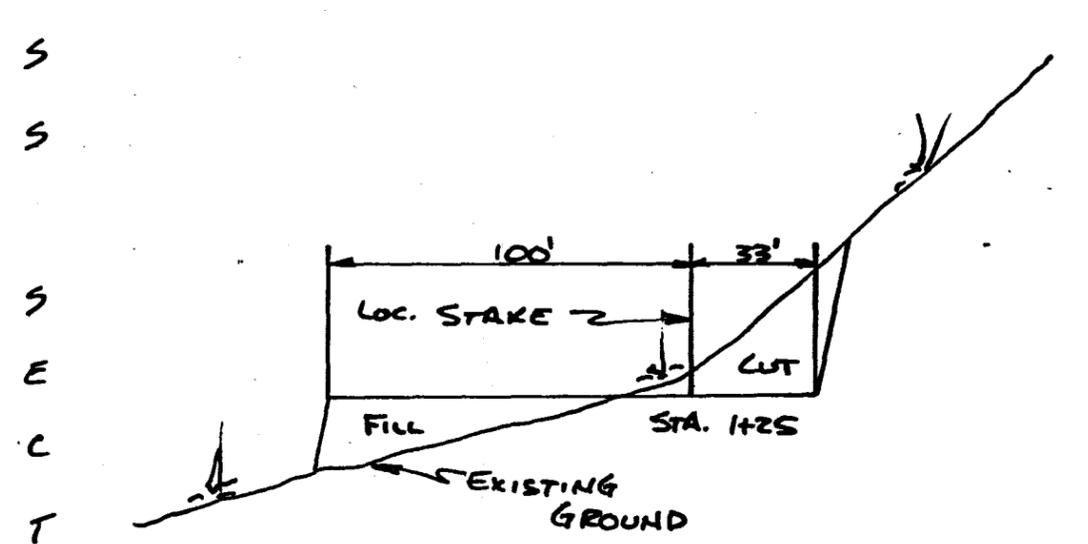
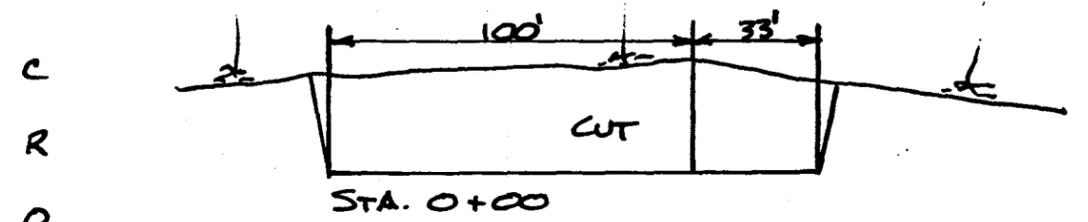
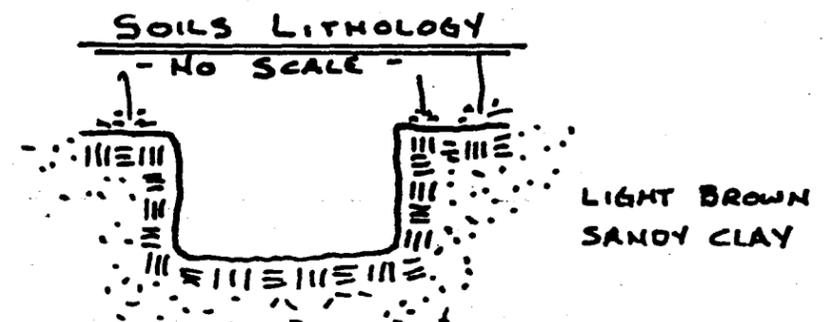
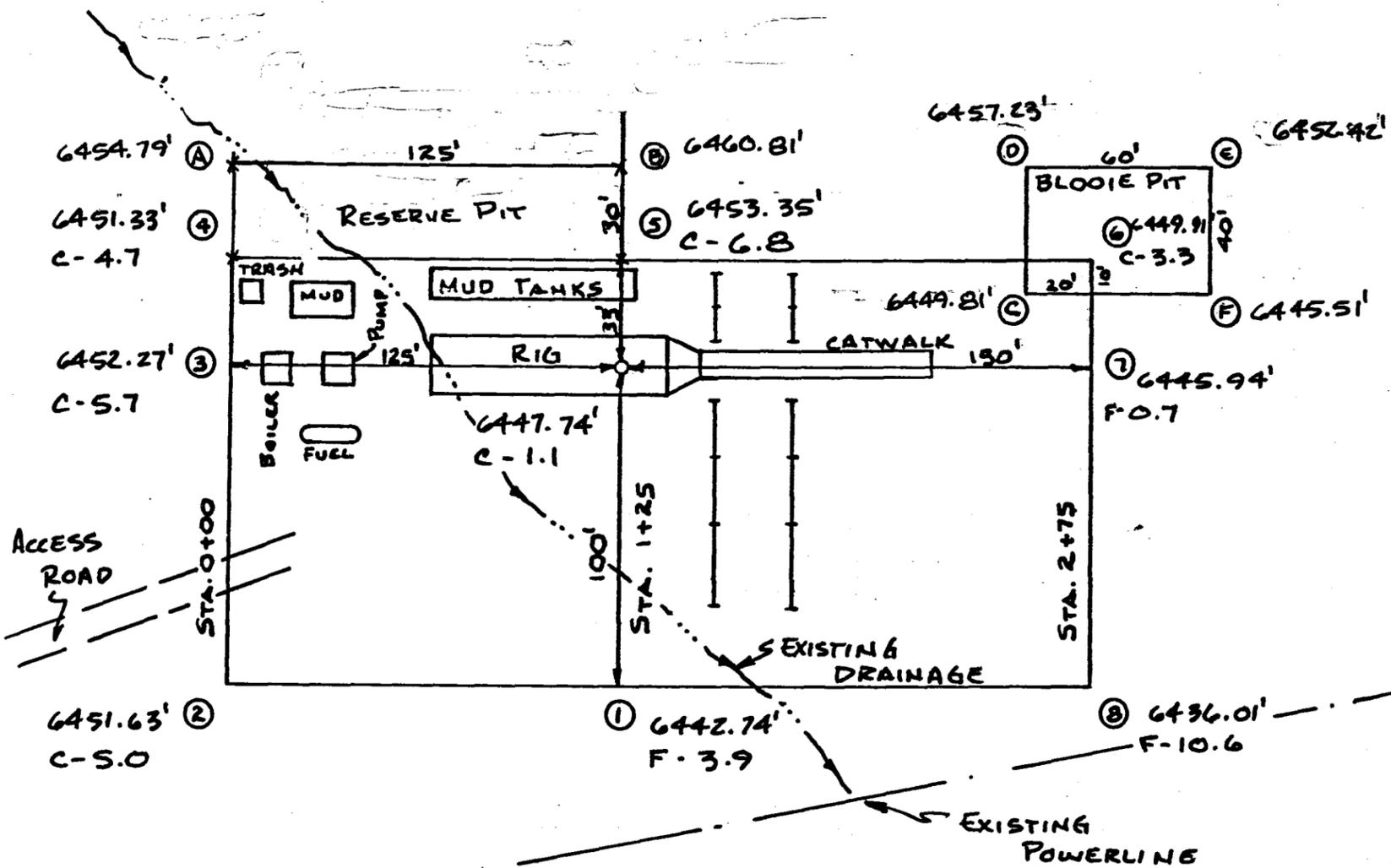
(3) Any remaining structures should meet the standards of paint contrast, where juniper green is dominant color.

(4) To prevent erosional texture contrast due to excessive drainage before vegetative reclamation, monitoring and reclaiming actions should take place on consistent check basis.

CHANDLER & ASSOCIATES, INC.  
 BUZZARD BENCH UNIT FED. #10-6  
 LOCATION LAYOUT & CUT SHEET



SCALE: 1" = 50'  
 DATE: 2/17/84



APPROXIMATE YARDAGES  
 CUBIC YARDS CUT - 3,065  
 CUBIC YARDS FILL - 2,830

# CHANDLER & ASSOCIATES INC.

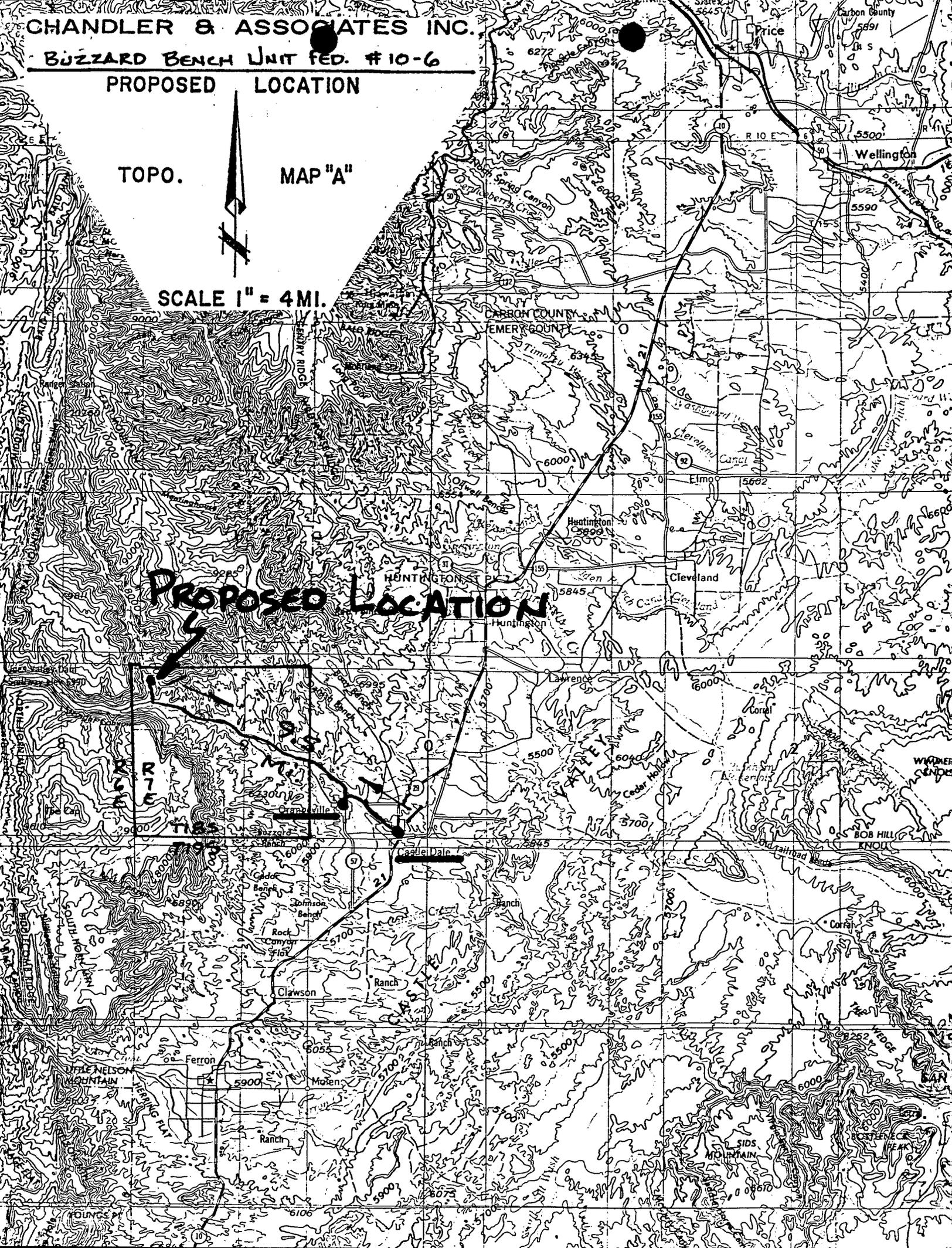
## BUZZARD BENCH UNIT FED. #10-6

### PROPOSED LOCATION

TOPO.

MAP "A"

SCALE 1" = 4 MI.



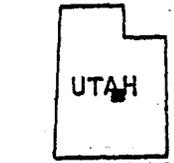
**CHANDLER & ASSOCIATES INC.**  
**BUZZARD BENCH UNIT FED. # 10-6**  
**PROPOSED LOCATION**



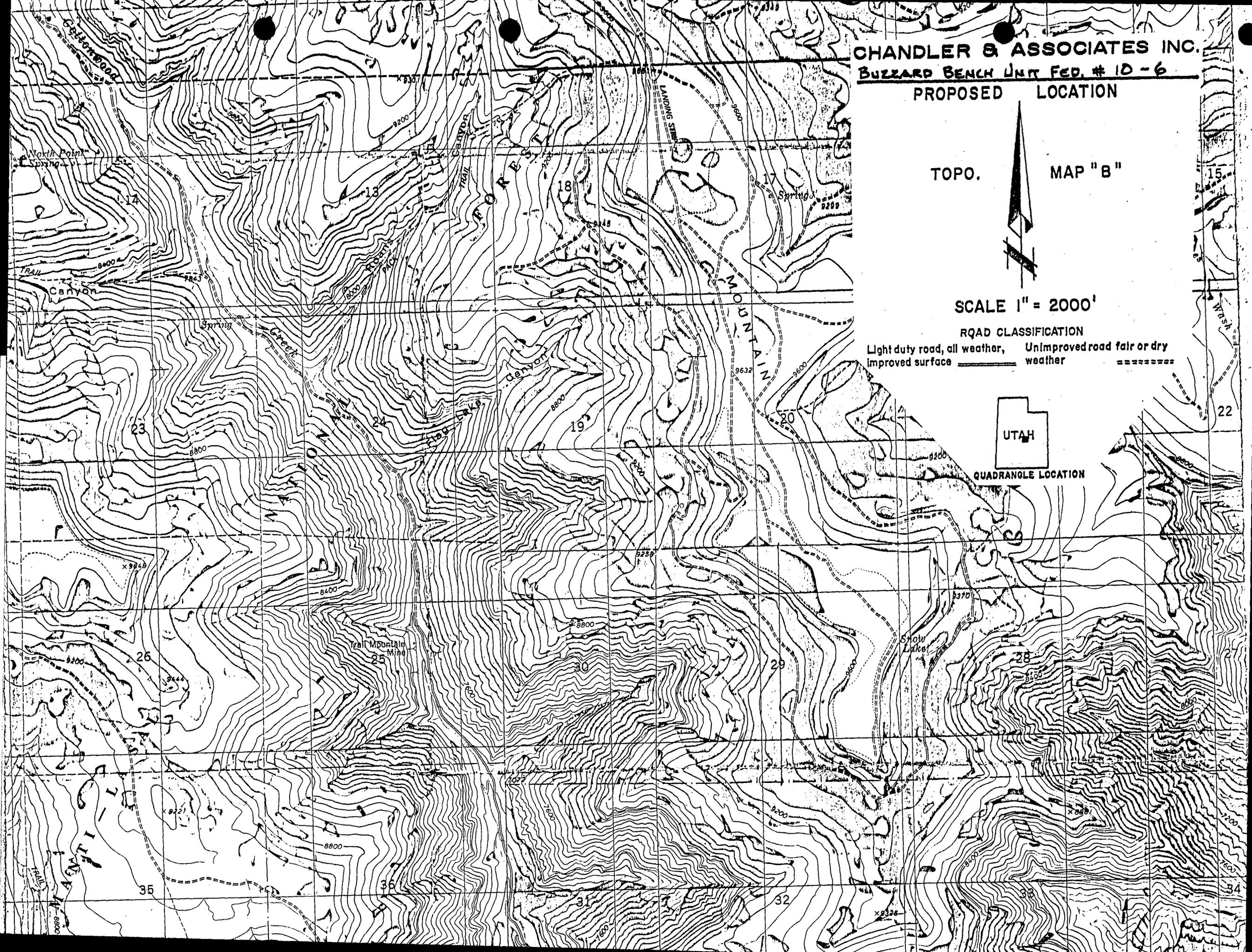
MAP "B"

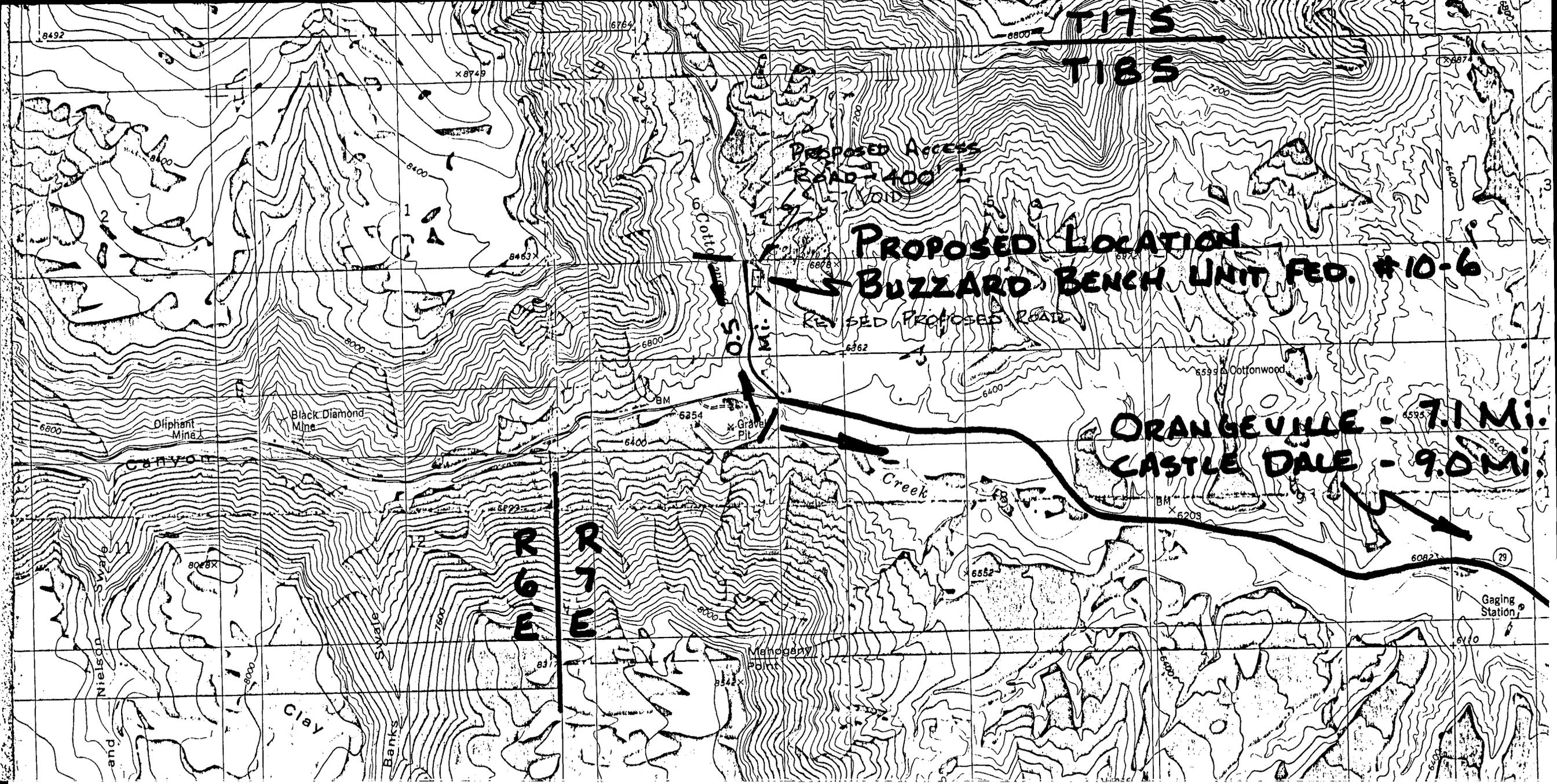
SCALE 1" = 2000'

**RQAD CLASSIFICATION**  
Light duty road, all weather, improved surface  Unimproved road fair or dry weather 



UTAH  
QUADRANGLE LOCATION





Proposed Access  
ROAD 1400' ±

**PROPOSED LOCATION**  
**BUZZARD BENCH UNIT FED. #10-6**

REVISED PROPOSED ROAD

5.0  
Mi.

**ORANGEVILLE - 7.1 MI.**  
**CASTLE DALE - 9.0 MI.**

**R  
R  
E**

Elephant Mine  
Black Diamond Mine

Nielson and  
Banks

Clay

Memorandum  
Point

Gaging  
Station

OPERATOR Chandler & Assoc. Inc DATE 4-3-84

WELL NAME Buzzed Bench Unit Fed 106

SEC NWSE 6 T 18S R 7E COUNTY Emerg

43-015-30193  
API NUMBER

Fed  
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/>	INDEX	<input type="checkbox"/>	HL	<input type="checkbox"/>
<input type="checkbox"/>	NID	<input type="checkbox"/>	PI	<input type="checkbox"/>
<input type="checkbox"/>	MAP	<input type="checkbox"/>		<input type="checkbox"/>

PROCESSING COMMENTS:  
Water - (Cottonwood Creek Irrigation Co)  
Unit Well

APPROVAL LETTER:

SPACING:  A-3 Buzzed Bench  c-3-a \_\_\_\_\_  
UNIT Extension approved 5/16/84 CAUSE NO. & DATE

c-3-b  c-3-c

SPECIAL LANGUAGE:  
1- Water

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER \_\_\_\_\_

UNIT Buzzard Bend

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

May 17, 1984

Chandler & Associates, Inc.  
1400 Lincoln Tower  
1660 Lincoln Street  
Denver, Colorado 80203

RE: Well No. Buzzard Bench Unit  
NWSE Sec. 6, T. 18S, R. 7E  
1394' FSL, 1482' FEL  
Emery County, Utah

Gentlemen:

Approval to drill the above referenced gas well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

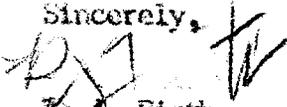
1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form CCC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify R. J. Firth, Associate Director, Telephone (801) 533-5771 (Office), 571-5068 (Home).
4. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-30193.

Sincerely,

  
R. J. Firth  
Associate Director, Oil & Gas

RJF/as

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SR/PR Rec'd APR 02 1984

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  
 CHANDLER & ASSOCIATES, INC.

3. ADDRESS OF OPERATOR  
 1400 Lincoln Tower, 1860 Lincoln St.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface  
 1482 FEL; 1394 FSL  
 At proposed prod. zone      NWSE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Same      NWSE  
 Approx. 8 miles westerly of Orangeville, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)      1394'

16. NO. OF ACRES IN LEASE      1,631.12

17. NO. OF ACRES ASSIGNED TO THIS WELL      40

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

19. PROPOSED DEPTH      4300'

20. ROTARY OR CABLE TOOLS      Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6448' (ground)

22. APPROX. DATE WORK WILL START\*  
 April 5, 1984

5. LEASE DESIGNATION AND SERIAL NO.  
 U-52685

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 -----

7. UNIT AGREEMENT NAME  
 Buzzard Bench

8. FARM OR LEASE NAME  
 Buzzard Bench Unit Fed.

9. WELL NO.  
 10-6

10. FIELD AND POOL, OR WILDCAT  
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 6-18S-7E

12. COUNTY OR PARISH      13. STATE  
 Emery      Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
1 1/2"	8-5/8"	24#	120	125 sx.
7-7/8"	5 1/2"	15.5#	4300'	150 sx.

RECEIVED

JUN 8 1984

DIVISION OF OIL  
GAS & MINING

1. Drill to TD of 4300 (Ferron).
2. Run 5 1/2" casing if commercial production is indicated.
3. If dry hole, P&A as instructed by the BLM.
4. Well will be drilled with compressed air, tested open hole and mud-up to run 5 1/2" casing.
5. Well control equipment will include double hydraulic BOP system of 900 series. A fillup line will be installed, equipment pressure mechanically checked daily while drilling.

Well Name: Buzzard Bench Unit Fed. 10-6

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 Richard Veghte TITLE Petroleum Engineer DATE 3/26/84  
 (This space for Federal or State office use)

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

APPROVED BY /S/ GENE NODINE TITLE DISTRICT MANAGER DATE 06 JUN 1984  
 CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

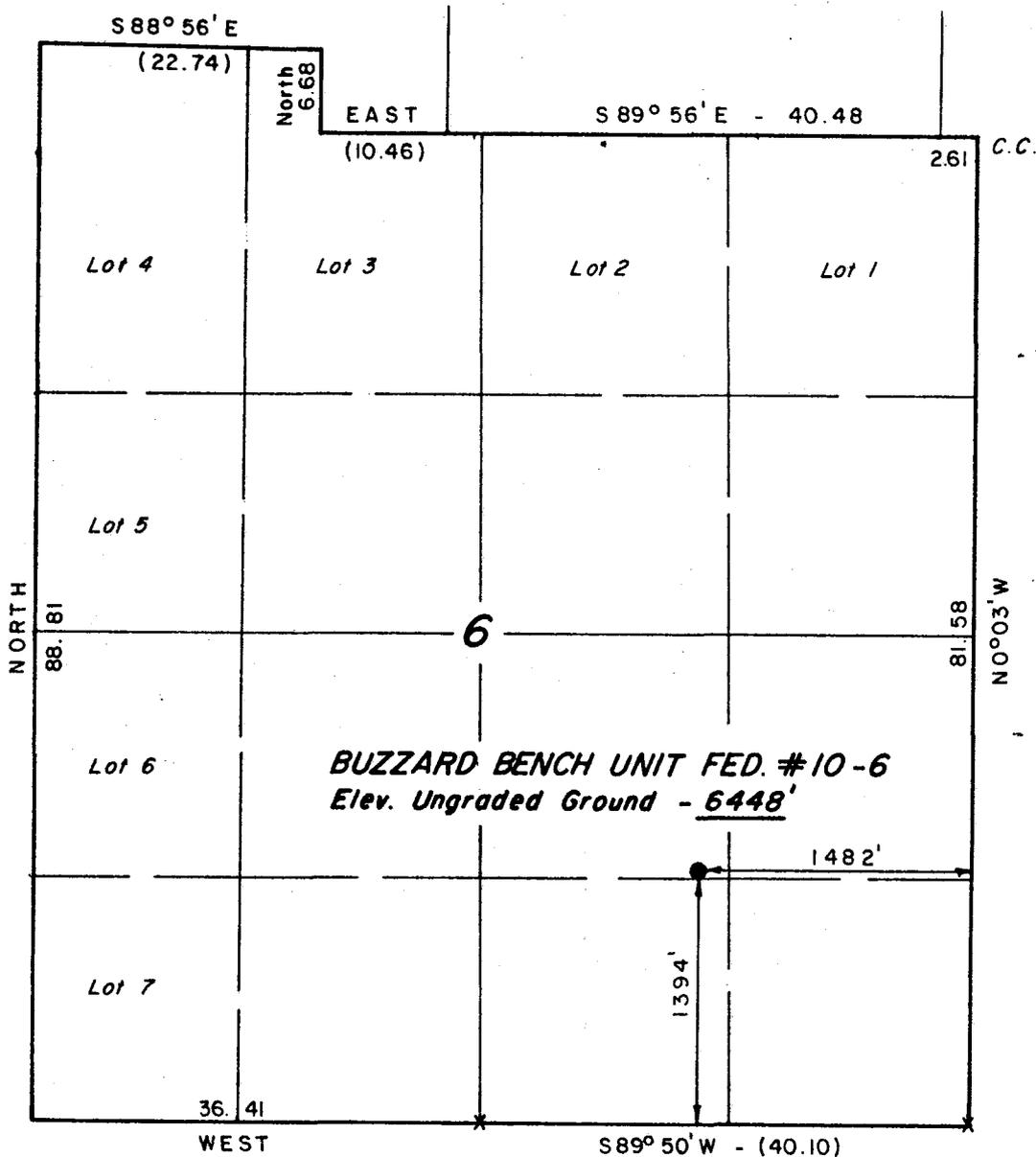
FLARING OR VENTING OF  
GAS IS SUBJECT OF NTL 4-A  
DATED 1/1/80

CONDITIONS OF APPROVAL ATTACHED

T18S, R7E, S.L.B.&M.

PROJECT  
**CHANDLER & ASSOCIATES, INC.**

Well location, **BUZZARD BENCH UNIT**  
**FED. #10-6**, located as shown in the  
 NW1/4 SE1/4 Section 6, T18S, R7E,  
 S.L.B.&M. EMERY County, Utah.



**BUZZARD BENCH UNIT FED. #10-6**  
**Elev. Ungraded Ground - 6448'**

X = Section Corners Located

DIVISION OF OIL  
 GAS & MINING

JUN 8 1984

RECEIVED



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
 FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
 SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
 BEST OF MY KNOWLEDGE AND BELIEF.

*Richard J. Chandler*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO 2454  
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
 P.O. BOX Q - 85 SOUTH - 200 EAST  
 VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	2/17/84
PARTY	DA GS DK RP	REFERENCES	GLO Plat
WEATHER	Fair	FILE	CHANDLER

Chandler & Associates, Incorporated  
Well No. Buzzard Bench Unit Fed. 10-6  
NWSE Sec. 6, T. 18 S., R. 7 E.  
Emery County, Utah  
Lease U-52685

Supplemental Stipulations:

1. Due to the high use deer winter range in the area of the well site, we will not allow any drilling activity to start until the deer leave for summer range. Depending on weather conditions, drilling could start about May 20, 1984.
2. Adequate and sufficient electric/radioactive logs will be run to locate and identify anticipated coal beds in the Ferron Sandstone member of the Mancos Shale formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the coal resource. Surface casing program may require adjustment for protection of fresh water aquifers.

ONSITE

DATE: March 8, 1984

PARTICIPANTS:

TITLES:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Your contact with the District Office is: Robert (Bob) Graff

Office Phone: 801-259-6111 Ext 216

City: Moab State: Utah

Resource Area Manager's address and contacts are:

Address: 900 North 700 East, P.O. Box AB, Price, Utah 84501

Your contact is: Mervin S. Miles

Office Phone: 801-637-4584

Home Phone: 801-748-2249

WELL PROGNOSIS

UTAH  
 DRLG. DEPT. Carl Winters  
 GEOLOGIST: Pleas Stringer

DATE: June 14, 1984  
 PROSPECT: North Buzzard Bench  
 NO.: 8404

ELEVATION: EST. GR DF SURVEY GR 6,448 DF

OPERATOR: Chandler & Associates, Inc. WELL: Buzzard Bench 10-6

LOCATION: NWSE Section 6-T18S-R7E  
 Emery County, UT

ESTIMATED FORMATION TOPS:

SAMPLES:

KB Est	6,460'		30'	sfc csg to 3,650'
Masuk Shale	surface		10'	3,650' to TD
Emery	350	(+6,110)		
Bluegate	1,650	(+4,810)		
Ferron	3,800	(+2,660)		
Tununk	4,200	(+2,260)		
TD	4,300			

**RECEIVED**

JUN 18 1984

DIVISION OF OIL  
 GAS & MINING

LOG PROGRAM:

FDC-CNL-GR - sfc csg to TD  
 DLL-SP-GR - sfc csg to TD

CORES & DST'S:

Airdrill  
 No core

SERVICE COMPANY  
 DIRECT DISTRIBUTION:

	<u>ELECTRIC LOGS</u>	<u>DST</u>	<u>CORE</u>
	<u>FIELD</u>	<u>FINAL</u>	<u>REPORT</u>
			<u>ANALYSES</u>

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

1

Chandler & Associates, Inc.  
 1860 Lincoln St., Suite 1400  
 Denver, CO 80203  
 Robert L. Lent (303) 863-9100 (O)  
 (303) 779-0130 (H)

3 4

Amerada Hess (303) 573-3500  
 1625 Broadway, Suite 2200  
 Denver, CO 80202  
 Bob Lupe (303) 722-2088 (H)  
 Mac Duncan

4 4  
 + 1 sepia

Texas International Petroleum Corp.  
 6525 N. Meridian (405) 728-5125  
 Oklahoma City, OK 73116 728-5100  
 Don Preston (405) 364-4963 (H)

2 2  
 + 1 sepia

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: CHANDLER & ASSOCIATES

WELL NAME: BUZZARD BENCH 10-6

SECTION NWSE 6 TOWNSHIP 18S RANGE 7E COUNTY Emery

DRILLING CONTRACTOR Desert Drilling

RIG # 1

SPUDDED: DATE 6-20-84

TIME 7 PM

HOW Rotary

DRILLING WILL COMMENCE \_\_\_\_\_

REPORTED BY Reta

TELEPHONE # (303) 863-9100

DATE 6-21-84 SIGNED AS



STATE OF UTAH  
NATURAL RESOURCES  
Water Rights

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dee C. Hansen, State Engineer

74 West Main Street • P.O. Box 718 • Price, UT 84501 • 801-637-1303

June 20, 1984

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

Re: Buzzard Bench 10-6  
Chandler and Associates, Inc.

Dear Norm:

Enclosed is a copy of a letter received from the Cottonwood Creek Consolidated Irrigation Company concerning the water for the above referenced well. From a water right standpoint, everything is in order. Therefore, I have informed them that they have met our requirements.

If you have any questions concerning this matter, please feel free to contact me.

Sincerely,

  
Mark P. Page  
Area Engineer

Enclosure

MPP/mjk

RECEIVED

JUN 22 1984

DIVISION OF OIL  
GAS & MINING

**Cottonwood Creek  
Consolidated Irrigation Co.**

Orangeville, Utah 84537

20 June 1984

JUN 20 1984

STATE ENGINEER  
PRICE, UTAH

RECEIVED

JUN 22 1984

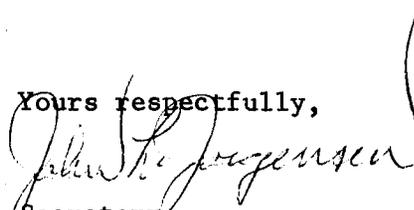
DIVISION OF OIL  
GAS & MINING

Mark Paige  
State Engineers Office  
Salt Lake City, Utah

Dear Mr. Paige,

Chandler and Associates Inc. has received permission from the Cottonwood Creek Consolidated Irrigation Company to pump water from one of our ditches, canals or the Cottonwood Creek to use to drill a well in Cottonwood Canyon below the Trail Mountain Coal Mine. The location is in the NW $\frac{1}{4}$  of the SE $\frac{1}{4}$  of Section 6T18SR7E.

Yours respectfully,

  
Secretary

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  
Chandler & Associates, Inc.

3. ADDRESS OF OPERATOR  
1400 Lincoln Tower, 1860 Lincoln St, Denver

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1482' FEL; 1394 FSL (NW SE)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: Same

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

5. LEASE  
U-52685

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
-----

7. UNIT AGREEMENT NAME  
Buzzard Bench

8. FARM OR LEASE NAME  
Buzzard Bench Unit Fed

9. WELL NO.  
10-6

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 6-18S-7E

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

14. API NO.  
43-30193

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6448' GR

REQUEST FOR APPROVAL TO:      SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF      

FRACTURE TREAT      

SHOOT OR ACIDIZE      

REPAIR WELL      

PULL OR ALTER CASING      

MULTIPLE COMPLETE      

CHANGE ZONES      

ABANDON\*      

(other)      

**RECEIVED**

JUL 11 1984

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

DIVISION OF OIL  
GAS & MINING

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.)\*

6-20-84 SPUD 7 PM.

6-21-84 Set 4 jts 8 5/8" surf csg at 178 w/150 sx Class "G", 3% CaCl, 1/4#/sk flocele. Plug down 6:30 AM.

6-30-84 TD at 4,333. Ran FDC-CNL-GR and DIL-SP-GR. No DSTs or cores were performed.

7-1-84 TD at 4,333. Approval was received from the State of Utah, Division of Oil, Gas & Mining, and Bureau of Land Management was notified, to plug the well as follows: 4220-4170 20 sx; 3915-3865 20 sx; 605-555 20 sx; 205-155 20 sx; surface 10 sx.  
RIG RELEASED 12 Midnight 6 AM 7-1-84.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Hugo Cartaya TITLE Petroleum Engineer DATE 6-5-84  
Hugo Cartaya  
 (This space for Federal or State office use)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

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

5

10

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 P&A

2. NAME OF OPERATOR  
CHANDLER & ASSOCIATES, INC.

3. ADDRESS OF OPERATOR  
1860 Lincoln St., Suite 1400, Denver, CO 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1482' FEL, 1394' FSL (NW SE)  
At top prod. interval reported below same  
At total depth same

RECEIVED

DIVISION OF OIL  
GAS & MINING

14. PERMIT NO. API 43-30193 DATE ISSUED 5-17-84

5. LEASE DESIGNATION AND SERIAL NO.  
U-52685

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
--

7. UNIT AGREEMENT NAME  
Buzzard Bench Unit

8. FARM OR LEASE NAME  
Buzzard Bench Unit Fed.

9. WELL NO.  
10-6

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 6-18S-7E

12. COUNTY OR PARISH  
Emery

13. STATE  
Utah

15. DATE SPUDDED 6-20-84 16. DATE T.D. REACHED 6-29-84 17. DATE COMPL. (Ready to prod.) P&A 7-1-84 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6448' GR 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 4333' 21. PLUG, BACK T.D., MD & TVD -- 22. IF MULTIPLE COMPL., HOW MANY\* -- 23. INTERVALS DRILLED BY → ROTARY TOOLS all CABLE TOOLS --

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
n/a

25. WAS DIRECTIONAL SURVEY MADE  
no

26. TYPE ELECTRIC AND OTHER LOGS RUN  
FDC-CNL-GR, DIL-SP-GR

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
8-5/8"	24	178'	12 1/4"	150 sks	--

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
n/a				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a		

31. PERFORATION RECORD (Interval, size and number)  
n/a

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
n/a	

33.\* PRODUCTION

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

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  
Logs and geologic report to be sent by subcontractor.

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

SIGNED Hugo Cartaya TITLE Petroleum Engineer DATE 7-9-84

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

# INSTRUCTIONS

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

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

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

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

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

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

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	NAME	TOP MEAS. DEPTH TRUE VERT. DEPTH
Masuk Shale	surface		
Emery Ss	582		
Blue Gate sh	2216		
Ferron ss	3889		
Tununk sh	4194		
T.D. (Logger)	4326		



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 17, 1984

Chandler & Associates, Incorporated  
1860 Lincoln Street, Suite 1400  
Denver, Colorado 80203

Gentlemen:

Re: Well No. Buzzard Bench Unit #10-6 - Sec. 6, T. 18S., R. 7E.  
Emery County, Utah - API #43-015-30193

According to our records, a "Well Completion Report" filed with this office July 9, 1984, on the above referred to well, indicates the following electric logs were run: FDC-CNL-GR and DIL-SP-GR. As of today's date, this office has not received these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

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

Your prompt attention to the above will be greatly appreciated.

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

0000001-18



**CHANDLER & ASSOCIATES, INC.**

1860 LINCOLN

1400 LINCOLN TOWER BUILDING  
DENVER, COLORADO 80203  
OIL & GAS EXPLORATION AND PRODUCTION

303 863-9100

September 21, 1984

Claudia L. Jones  
State of Utah Natural Resources  
Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

RE: Well No. Buzzard Bench Unit #10-6  
NW SE Sec. 6-T18S-R7E  
API #43-051-30193  
Emery County, UT

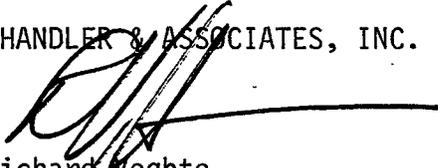
Ms. Jones:

Chandler & Associates, Inc. has received your letter of September 17, concerning the Buzzard Bench Unit well #10-6 in Emery County, Utah. We understand that you have not yet received the FDC-CNL-GR and DIL-SP-GR electric logs for this well.

These logs were sent out on September 14, therefore, your office should receive them in the near future.

Sincerely yours,

CHANDLER & ASSOCIATES, INC.

  
Richard Veghte  
Vice President-Production & Drilling

RV/lm

PLEASE ACKNOWLEDGE RECEIPT OF THE ABOVEMENTIONED DATA BY SIGNING AND RETURNING A COPY OF THIS LETTER TO THE ABovesIGNED.

Received By Claudia Jones Date Sept. 25, 1984