

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

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

**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

Union Oil Company of California

3. ADDRESS OF OPERATOR

P. O. Box 2620 - Casper, WY 82602-2620

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface 660' FSL & 1980' FWL (SE SW)

At proposed prod. zone 660' FSL & 1980' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 14.5 miles southeast of Myton, Utah

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

660'

16. NO. OF ACRES IN LEASE

240

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.

1867'

19. PROPOSED DEPTH

6100'

20. ROTARY OR CABLE TOOLS

Rotary

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

5191' GR (Ungraded)

22. APPROX. DATE WORK WILL START\*

Immediately Upon Approval

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	Expected Top
12-1/4"	8-5/8"	20#	300'	250 sx 50-50 pozmix	Surface
7-7/8"	4-1/2"	10.5#	6100'	650 sx 50-50 pozmix	3500'

PROPOSED DRILLING PROGRAM:

Move in rotary rig. Drill 12-1/4" hole to 300'. Run and cement 8-5/8" casing. Drill 7-7/8" hole to approximate T.D. of 6100'. Run logs and, if logs indicate production, run and cement 4-1/2" casing. Perforate and complete using 2-3/8" tubing.

The BOP will be operationally tested daily and each test logged.

Note: Subject well will be drilled under Bond No. B-73310

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 R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 7-2-84  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

APPROVED BY \_\_\_\_\_ DATE: 7/9/84 BY: John R. Dora

\*See Instructions On Reverse Side

UNION OIL COMPANY OF CALIFORNIA

Castle Draw USA Well No. 3-N10  
Duchesne County, Utah

A. DRILLING PROGRAM

1. Surface Formation: Uinta

Estimated Tops of Geological Markers:

Ungraded Ground Elevation - 5191'

<u>Formation</u>	<u>Depth Below G.L.</u>
Green River	2258'
Douglas Creek	3718'
Wasatch	5883'
Total Depth	6100'

2. Estimated Depth at Which Oil, Gas, Water or Other Mineral-Bearing Zones Are Expected to Be Encountered:

	<u>Formation</u>	<u>Top</u>	<u>Bottom</u>
<u>Expected Oil Zones:</u>	Green River	3718'	5883'

Expected Gas Zones: None Known

Expected Water Zones: Possibly surface to 300'

Expected Mineral Zones: None

3. Pressure Control BOP's: (See Attachment Nos. 1, 2, and 3)

Wellhead:

Casing Head: 9-5/8" x 10" - 3000 psi W.P.

BOP Stack:

One double-gate BOP with 4-1/2" pipe rams and blind rams.

One choke manifold with adjustable and positive chokes.

The BOP and choke manifold will be rated at 3000 psi.

Test:

BOP's, choke manifold and casing will be pressure tested at 1000 psi for 30 minutes before drilling cement. BOP's will be mechanically tested every day and the test will be recorded in the IADC report.

4. Casing Program:

Surface Casing - 8-5/8" @ 300'

(Mud Wt. 9.6 ppg)

<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>	<u>New/Used</u>
0-300'	8-5/8"	20#	H-40	8RD-ST&C	New

Production Casing - 4-1/2" @ 6100'

(Mud Wt. 9.6 ppg)

<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>	<u>New/Used</u>
0-6100'	4-1/2"	10.5#	K-55	8RD-ST&C	New

Minimum Safety Factors

Collapse: 1.0  
 Tension: 1.8  
 Burst: 1.0

Cementing Program:

The surface casing will be cemented to surface to isolate fresh water zones. The production casing will be cemented from 6100' to 3500' to isolate any water and oil zones. 50-50 pozmix cement with the appropriate retarders and fluid-loss additives will be used.

Auxiliary Equipment:

A kelly cock will be used.

A full-opening safety valve will be used.

Drilling Fluid:

<u>Depth</u>	<u>Type</u>	<u>Weight(ppg)</u>	<u>Vis</u>	<u>W.L.</u>
0-300'	Water + Spud Mud	8.5 - 9.6	30-40	N.C.
300-5600'	Water	8.3 - 8.6		N.C.
5600-6100'	Fresh Gel	8.6 - 9.6	40-45	<15

Sufficient materials to maintain mud requirements and to meet lost circulation and threatened blowout conditons shall be stored at the location.

6. Testing, Logging, and Coring Program:

DST's: None

Logging: No mud logging unit will be utilized.

A Dual Laterolog-Microspherically Focused with S.P. and Litho Density-Compensated Neutron w/Gamma Ray and Caliper will be run from the base of the surface casing to T.D.

Cores: None

7. Abnormal Pressures, Temperatures, and Potential Hazards:

No above normal pressures are anticipated.

<u>Formation</u>	<u>Estimated Reservoir Pressures</u>
Green River	1500 psi

Normal temperature gradients are anticipated. No H<sub>2</sub>S is anticipated.

8. Additional Information:

Starting Date:

Road and location work will begin as soon as approval has been received from the Bureau of Land Management, weather permitting. Drilling should commence immediately upon approval of the APD.

Duration of Operations: Drilling-15 Days  
Completion-20 Days

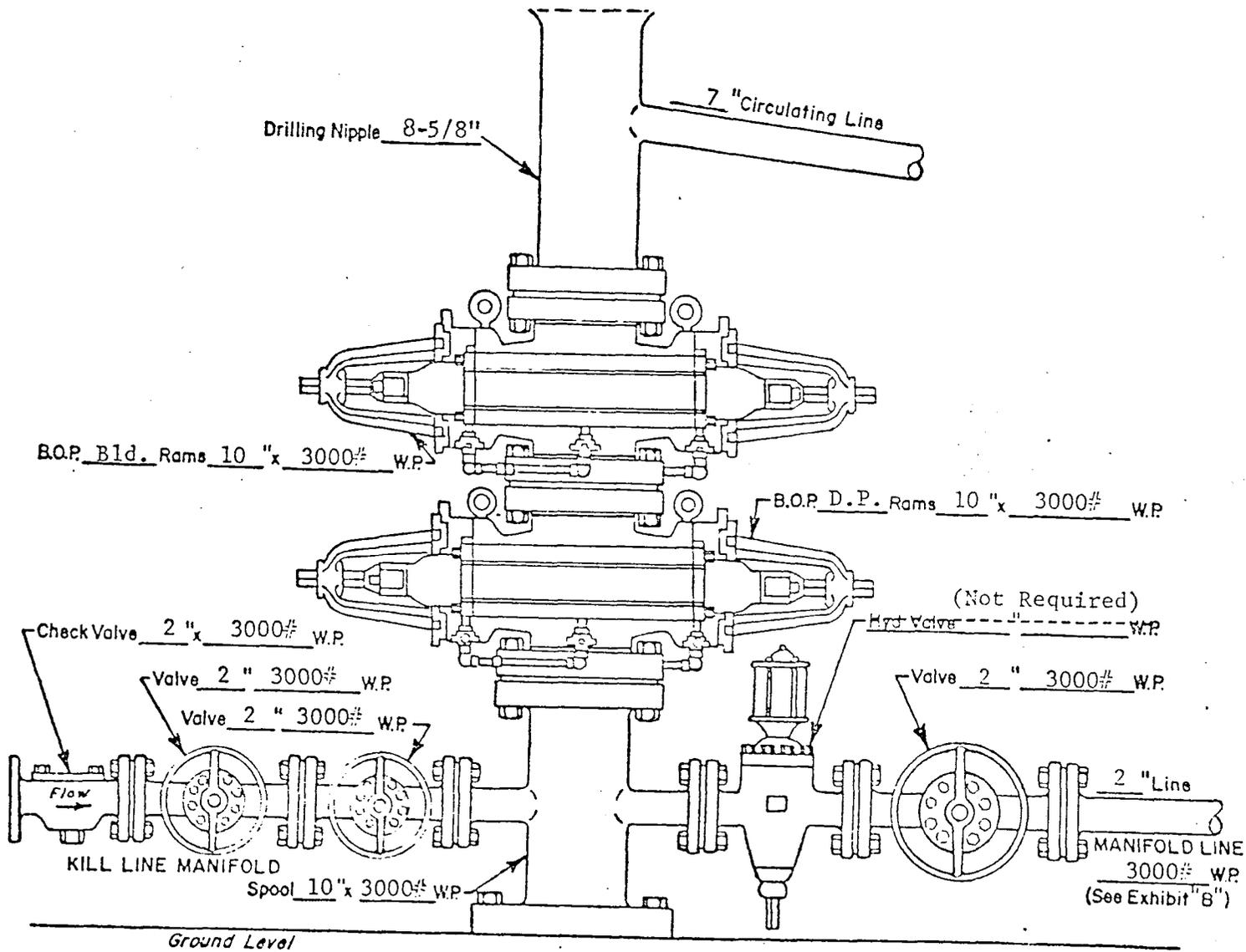
Completion:

If a completion is attempted, the drilling rig will be removed and a pulling unit will be moved in and will use BOP's of a similar pressure rating.

A hydraulic fracture stimulation is proposed for the Green River Formation consisting of approximately 250,000# of 20-40 mesh sand and a water based fluid. Depending on the number and separation of the productive intervals, the above stimulation will be divided into 3 to 4 stages.

UNION OIL COMPANY OF CALIFORNIA

Castle Draw USA Well No. 3-N10  
Duchesne County, Utah

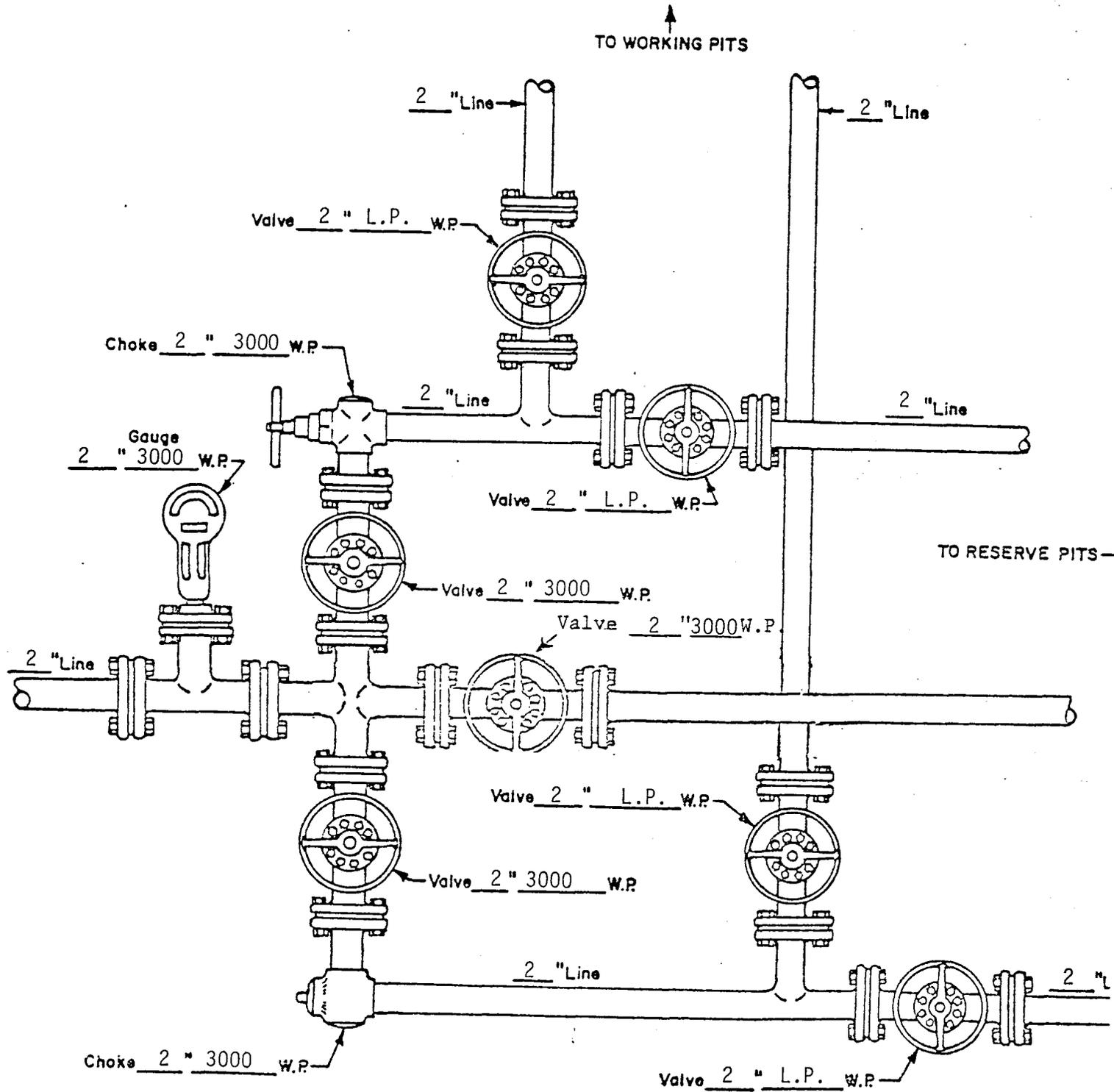


WELL HEAD B.O.P.  
3000 #W.P.

- Manual
- Hydraulic

UNION OIL COMPANY OF CALIFORNIA

Castle Draw USA Well No. 3-N10  
Duchesne County, Utah

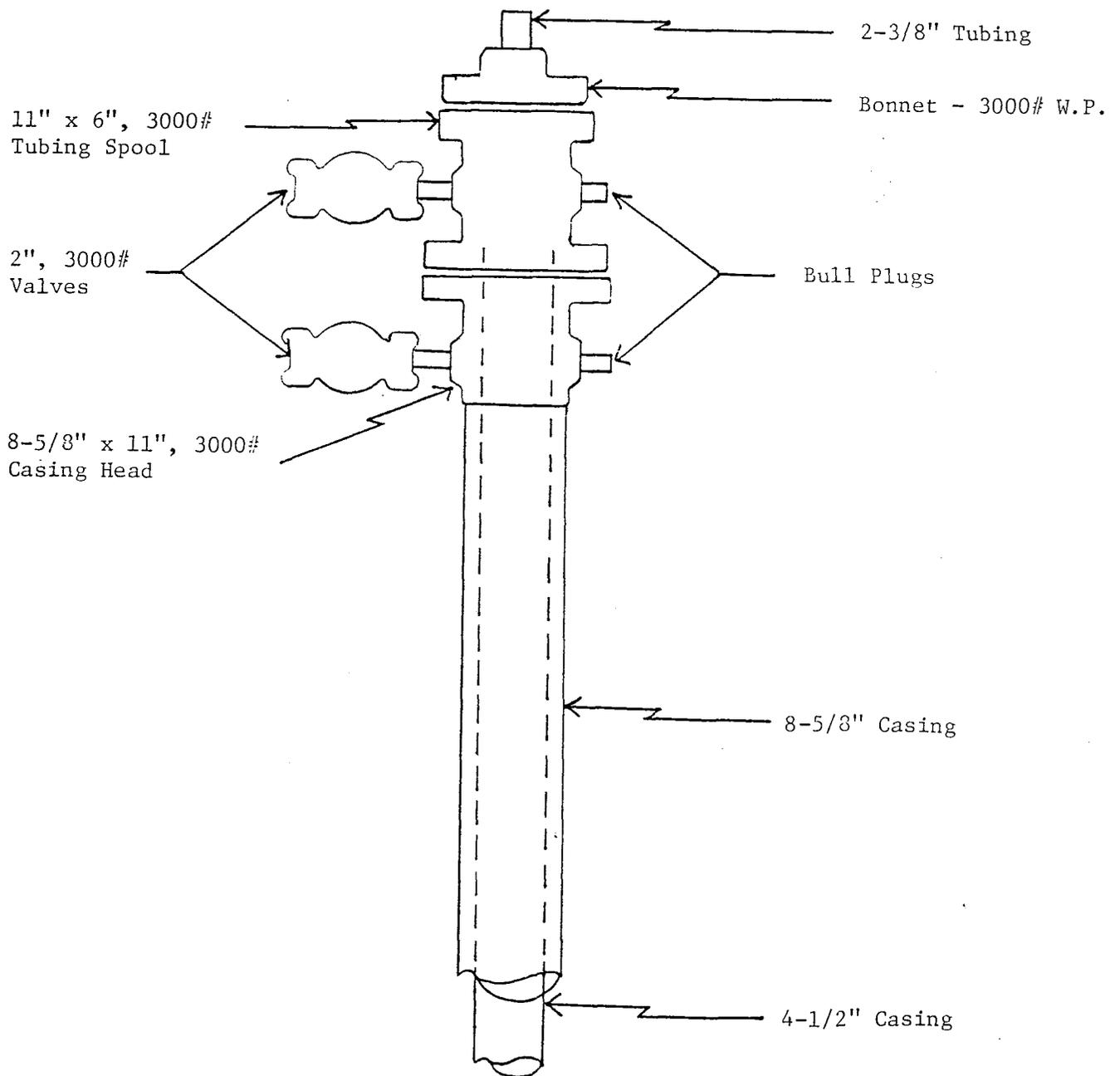


MANIFOLD  
3000 #W.P.

Manual  
 Hydraulic

UNION OIL COMPANY OF CALIFORNIA

Castle Draw USA Well No. 3-N10  
Duchesne County, Utah



UNION OIL COMPANY OF CALIFORNIA

Castle Draw USA Well No. 3-N10  
Duchesne County, Utah

B. THIRTEEN-POINT SURFACE USE PLAN

1. Existing Roads:

- a. Attachment Nos. 4 and 5 indicate the proposed access route.
- b. Proposed route to location: Proceed 1.5 miles west of Myton, Utah, on Highway 40 (two-lane blacktop). Turn left on an existing, two-lane blacktop road and go 13.3 miles. Turn right on an existing crown and ditch dirt road and proceed for 0.8 mile. Turn right on a new crown and ditch access road and proceed 1000' to location.
- c. Existing roads will be maintained at a standard equal to or better than the conditions of the roads prior to the start of operations, weather conditions permitting. At the conclusion of drilling and completion operations, the roads will be repaired and restored to a standard equal to or better than the conditions at the start of operations. (Roads on surface under the jurisdiction of an SMA shall be maintained in accordance with the standards of the SMA.)

2. Planned Access Roads:

The planned access road will be approximately 1000' long. (See Attachment No. 5)

- a. Maximum total disturbed width: 25'
- b. Maximum grade: 1<sup>0</sup>
- c. Turnouts: None
- d. Drainage design: No drainage diversions or major drainage crossings will be required. The access road will be crowned and ditched.
- e. Location and size of culverts: One 12" culvert will be installed 20 feet east of the location where the access road will cross a small, dry drainage. (See Attachment No. 8)
- f. Necessary gates, cattleguards, or fence cuts: No gates, fence cuts, or cattleguards will be required.
- g. Surfacing material: A minimum amount of surfacing will be done before the well is proven commercial. All surfacing materials will come from commercial pits in the area.
- h. The proposed new access road has been flagged.

B. Thirteen Point Surface Use Plan - Page 2

3. Location of Existing Wells Within a One-Mile Radius of the Proposed Location:

(See Attachment No. 6)

(a) Producing Wells - 8

(b) There are no other wells within a one-mile radius.

4. Location of Existing and/or Proposed Facilities If the Well is Productive:

a. Facilities on well pad: (See Attachment No. 7)

b. Existing production facilities within one mile of the proposed location:  
(See Attachment No. 6)

(1) Tank Batteries: 8	(4) Gas Gathering Lines: 0
(2) Production Facilities: 8	(5) Injection Lines: 0
(3) Oil Gathering Lines: 0	(6) Disposal Lines: 0

5. Location and Type of Water Supply:

a. Water will be obtained from a local water canal approximately 10 miles south of location.

b. Transportation method for all water to be used in drilling: All water will be hauled by truck along the existing road to location.

c. No water well is to be drilled on the lease.

6. Source, Character, and Intended Use of All Construction Materials:

a. The proposed location will utilize soil material which is on the location.

b. Topsoil and subsoil will be stockpiled at the well site for restoration purposes. Should it be necessary to gravel the location or access road, the gravel will be obtained from a commercial pit in the area.

c. The proposed location and access road is on federal land and minerals. Additionally, the access road will not cross any lease boundaries. No Indian land is involved.

7. Methods for Handling Waste Disposal:

a. Cuttings, salts, chemicals, and drilling fluids will be contained in the reserve pit, which will be fenced on three sides.

b. Any produced fluids will be contained in steel tanks. Produced water will be disposed of in accordance with NTL-2B.

c. All sewage will be buried in a bore hole at least 6 feet deep.

B. Thirteen-Point Surface Use Plan - Page 3

7. Methods for Handling Waste Disposal - Continued:

- d. All garbage will be contained in a caged pit and will be hauled off to the nearest sanitary landfill upon completion of the well.
- e. Water will be allowed to evaporate in the reserve pit and the remaining solids will be buried.

8. Ancillary Facilities:

No camps or airstrips will be needed.

9. Well Site Layout:

The well site layout is shown on Attachment No. 8.

- a. Maximum cut will be 6.2 feet on the southwest corner of the drill pad. Maximum fill will be 8.4 feet on the northeast corner of the drill pad.
- b. The pit will not be lined.

10. Plans for Reclamation of the Surface:

a. Construction Practices:

- 1) The top 6 inches of topsoil will be removed from the disturbed area and stockpiled as shown on Attachment No. 8.
- 2) No water bars will be constructed.
- 3) The reserve pit will have a minimum of one-half the total depth below the original ground level at the lowest point within the pit.
- 4) The reserve pit will be designed to prevent the collection of surface run off.

b. Revegetation and Rehabilitation:

- 1) All disturbed areas will be filled and reshaped to the natural contour of the land. This area will be recontoured in such a manner as to prohibit depressions that could trap water.
- 2) Topsoil will be distributed evenly over the area.
- 3) The location will be reseeded with a seed mixture that is approved by the BLM.
- 4) In the event that the well is a dry hole, the access road will be removed and reseeded.

10. b. Revegetation and Rehabilitation - Continued:

- 5) If oil is on the pit, it will be removed.
- 6) Immediately following the completion of operations, cleanup will commence and the pit will be fenced on four sides. As soon as the pit is completely dry, the pit will be filled and clean up finalized.

11. Surface Ownership:

The surface is owned by the BLM.

12. Other Information:

- a. Terrain in the area is flat to gently rolling with occasional dry stream beds. The soil is sparsely vegetated with sage and desert grass. Antelope, rabbits, and ground squirrels are the typical fauna.
- b. There are no other surface-use activities.
- c. Proximity of water, occupied dwellings, archeological, historical or cultural sites:
  - 1) No major water bodies or drainages are near the proposed location.
  - 2) There are no occupied dwellings near the proposed location.
  - 3) An archeological study has been waived by the BLM due to the Class III study that was performed on an offset well. (See the attached Cultural Resource Inventory)

13. a. Operator's Field Representative:

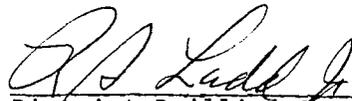
Mr. R. G. Ladd, Jr.  
Union Oil Company of California  
P. O. Box 2620  
Casper, WY 82602-2620

Phone - (307) 234-1563

b. 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 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 Union Oil Company of California and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

7-2-84  
Date

  
District Drilling Superintendent

**UNION OIL OF CALIFORNIA**

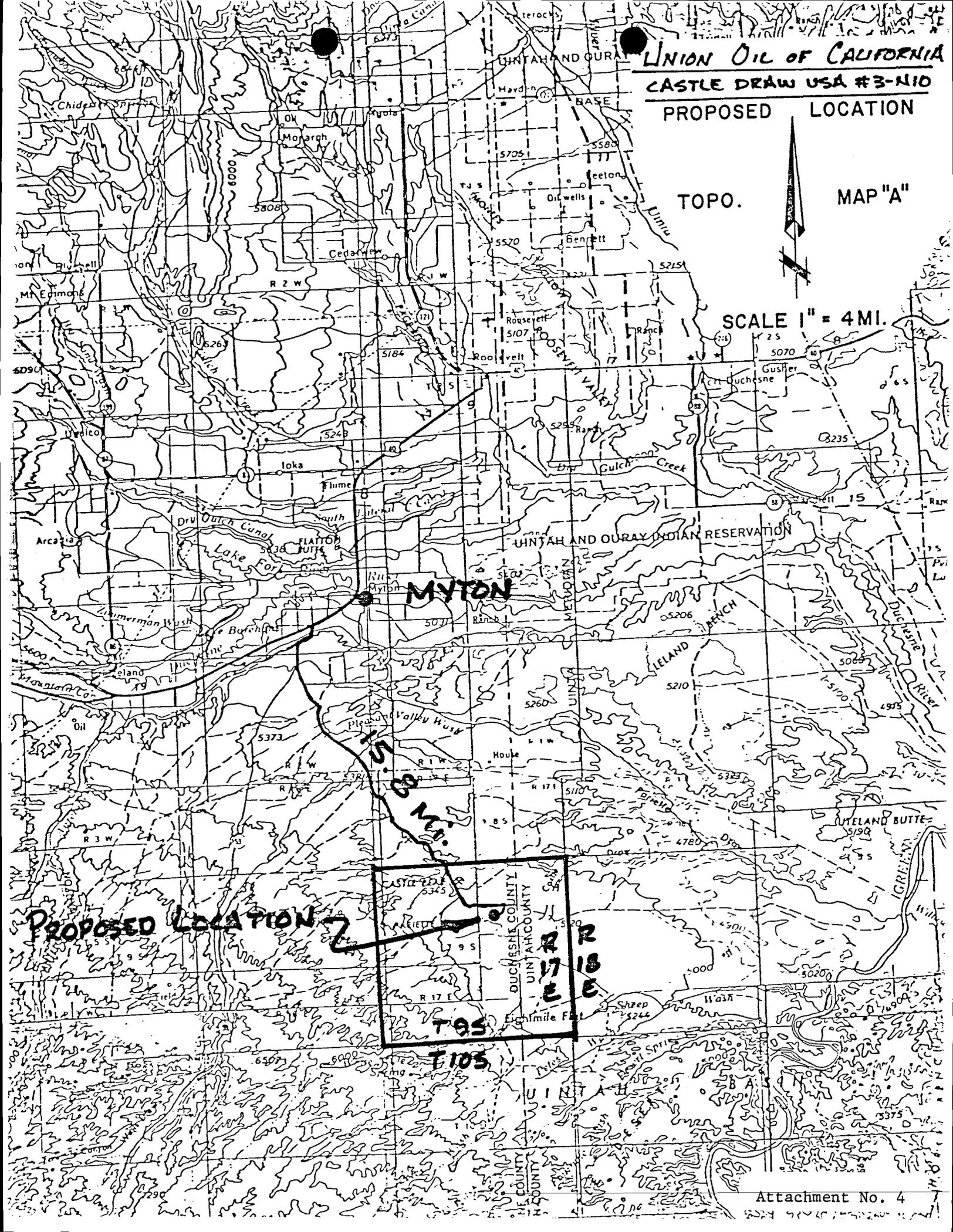
**CASTLE DRAW USA #3-N10**

**PROPOSED LOCATION**

TOPO.

MAP "A"

SCALE 1" = 4 MI.



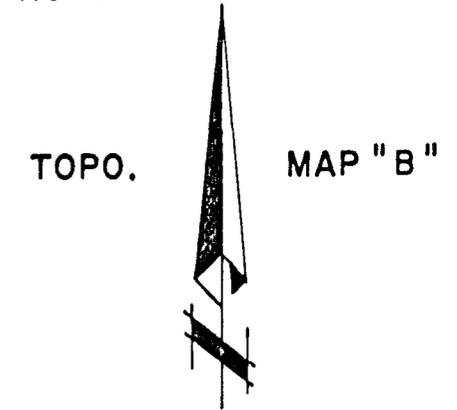
**PROPOSED LOCATION**

**3.5 MI.**

**MYTON**

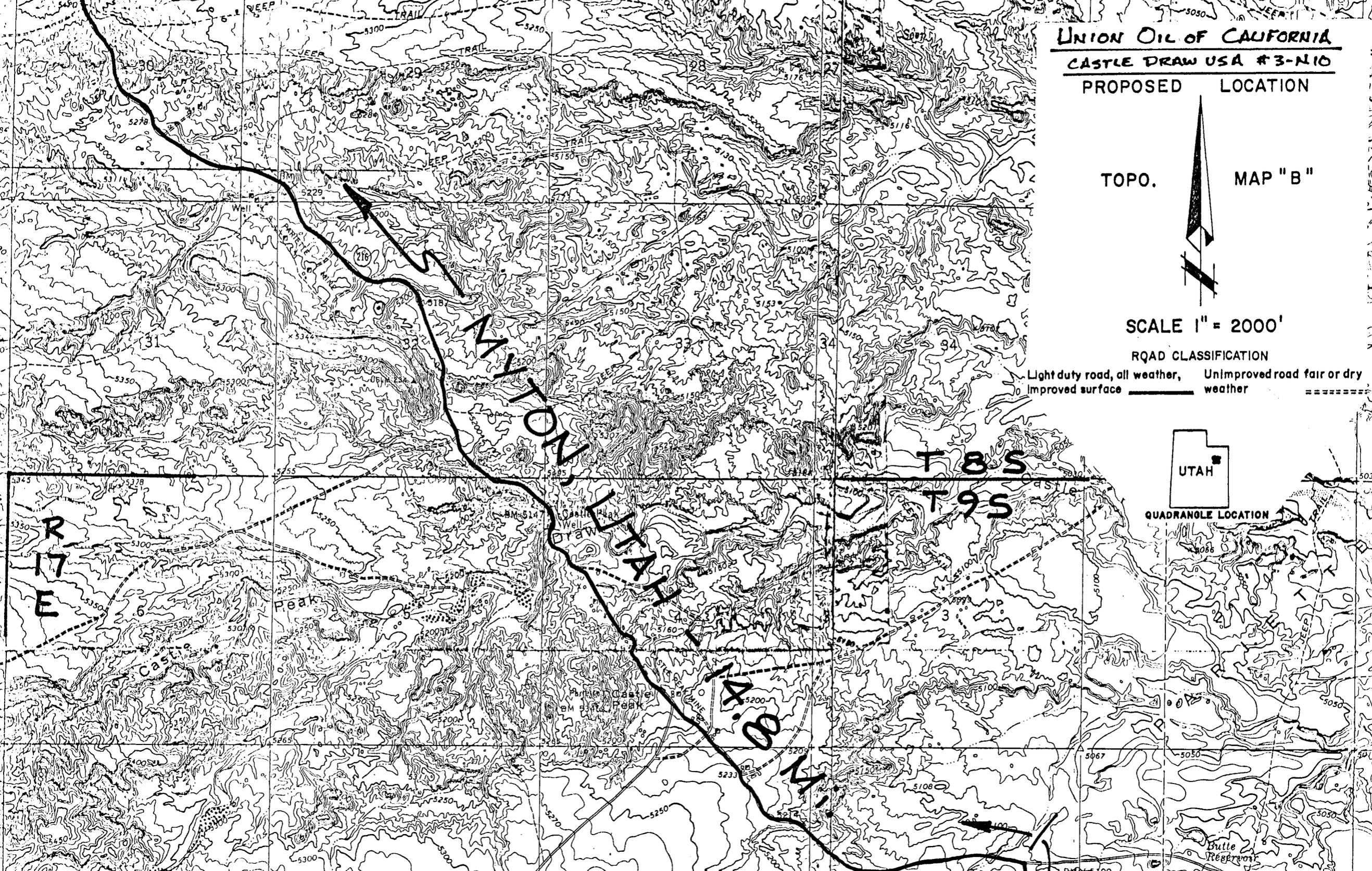
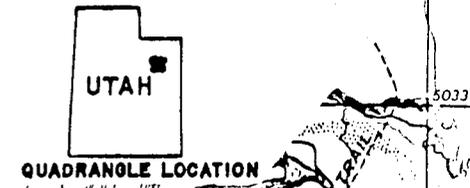
**R 17 E  
R 18 E  
T 9 S  
T 10 S**

**UNION OIL OF CALIFORNIA**  
**CASTLE DRAW USA #3-N10**  
**PROPOSED LOCATION**



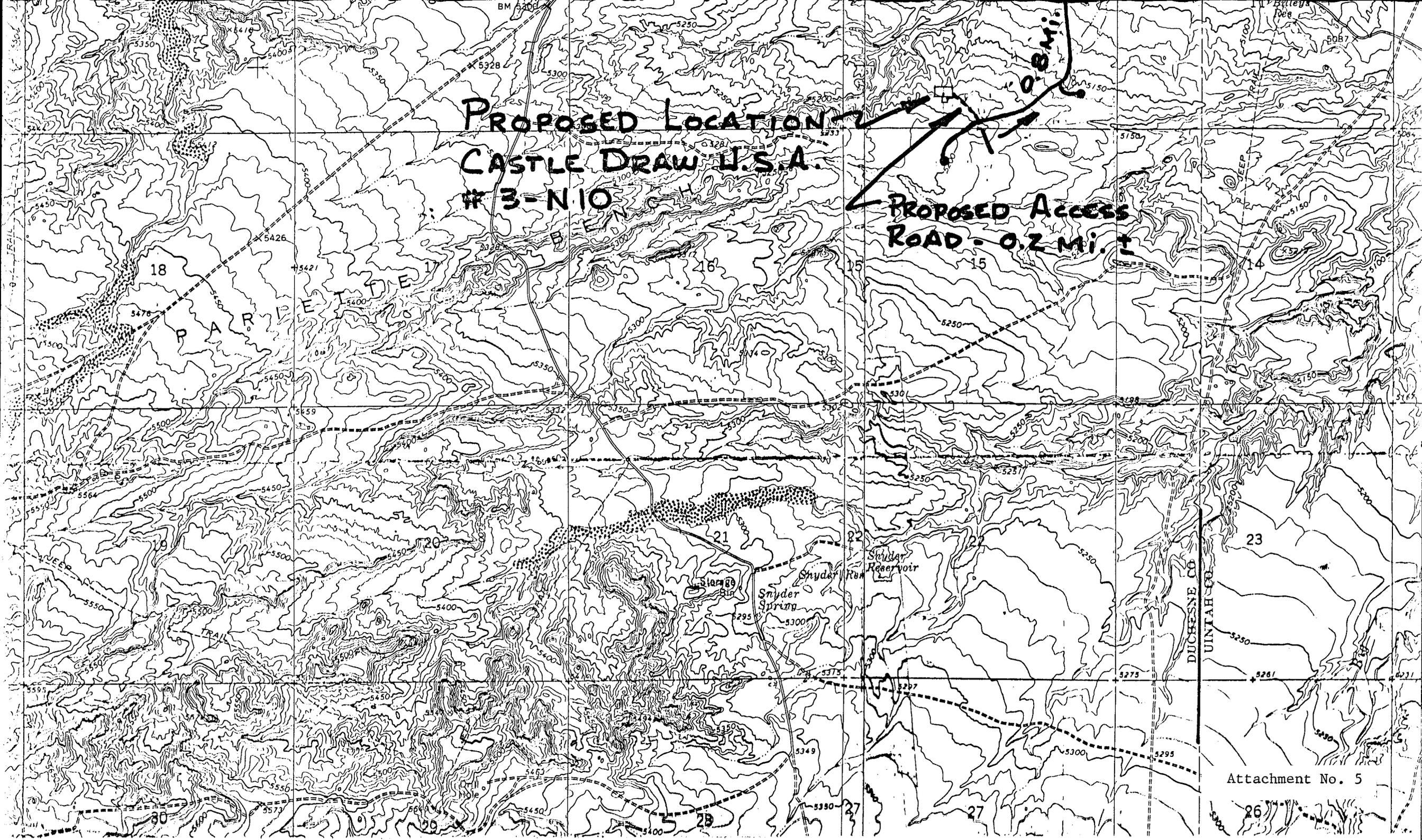
SCALE 1" = 2000'

**RQAD CLASSIFICATION**  
Light duty road, all weather, Improved surface ————— Unimproved road fair or dry weather =====



**PROPOSED LOCATION**  
**CASTLE DRAW U.S.A.**  
**#3-N10**

**PROPOSED ACCESS**  
**ROAD - 0.2 MI. L**



UNION OIL COMPANY OF CALIFORNIA

CAMPBELL (66)  
1-Gov 1

Castle Draw USA Well No. 3-N10  
Duchesne County, Utah

DIA. SHAM.  
32-Piute

ENSERCH  
2-Mon. Butte

43-(83)

ENSERCH (82)  
1-3 Mon. Butte

N.G.C. (E)  
33-2H

DIA. SHAM.(82)  
14-Piute

DIA. SHAM.  
44-Cotton

83)

83) N.G.C.(83)  
41-8H

11-9-4

N.G.C.

COTTON (Duncan-Fed.)  
3

83) N.G.C.(83)  
42-8H

DIA. SHAM.  
43-Piute

13-9H (82)

2

1 (82)

UN-HBP

2-J10

UN-HBP

Proposed  
Well No.  
3-N10

2 - 200  
Bbl  
Tanks &  
Treaters

UNION (65-68) owwo  
1-Castle Draw

83) ENSERCH (83)  
1-Mon. Butte

24-9H (83)

1 Mile

N.G.C. (82)  
11-State

PARADOX (81)  
3-Sue Morris

PARADOX(81)  
2-State

N.G.C.

21 (83)

UN-HBP

UN-HBP

PARADOX(81)  
5-Duncan

N.G.  
32-

NDMARK  
-DMD

PARADOX (81)  
4-Jorgenson St.

FRANCISCAN (65-81) owwo  
1-Anderson

24 (83)

44-15H (83)

\*\*Note: All Non-Union wells within one-mile have tank batteries similar to Union's. All facilities are on the well site.



**UNION**

UNION OIL COMPANY OF CALIFORNIA  
Central Region Rocky Mountain District

**MONUMENT BUTTE**  
DUCHEсне & UINTAH CO'S., UTAH

1"=2000'  
SCALE

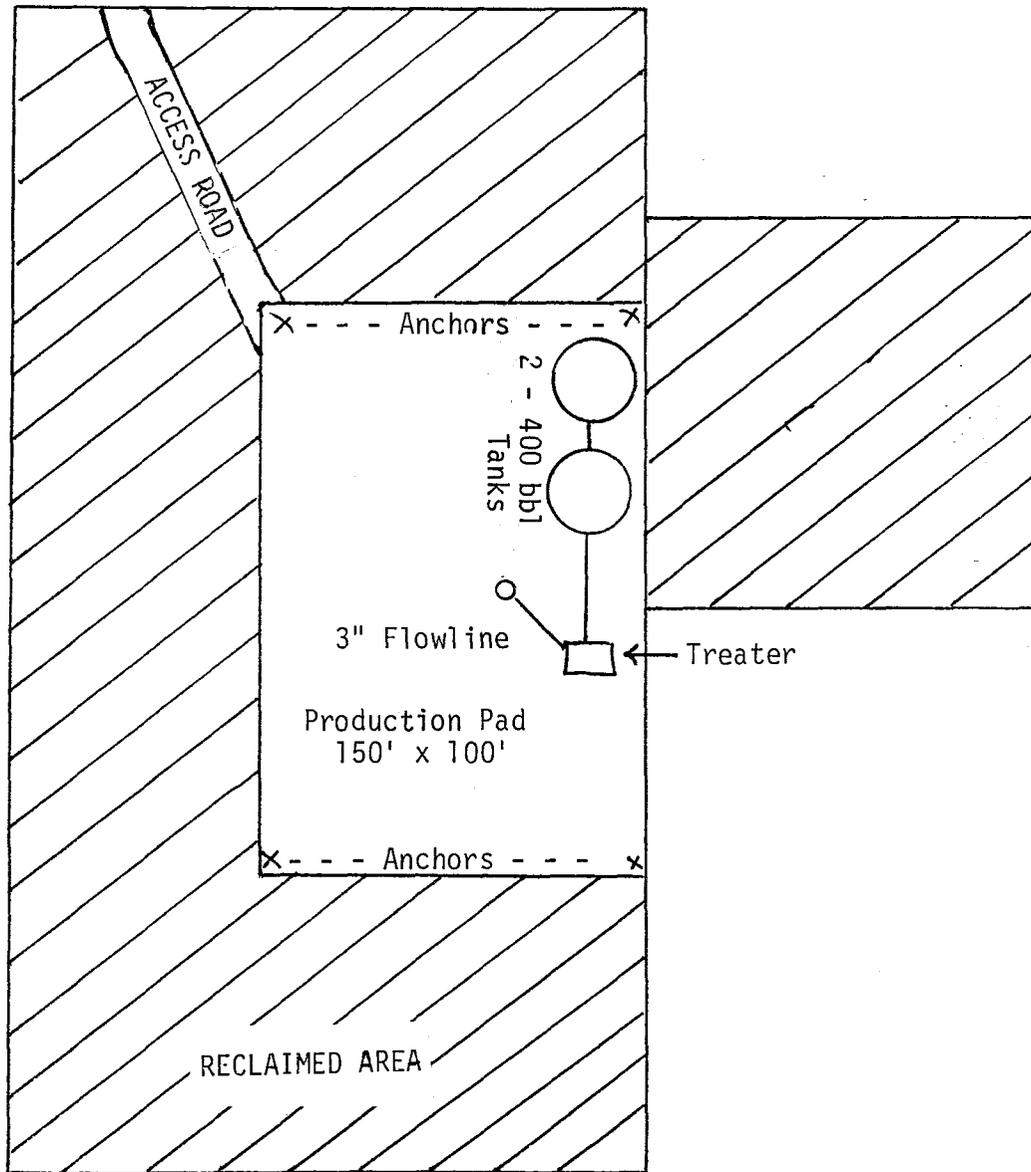
ATTACHMENT NO. 6

INTERPRETATION BY	DRAFTED BY	DATE	REPORT NO.	FILE NO.
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2-78

UNION OIL COMPANY OF CALIFORNIA

CASTLE DRAW USA WELL NO. 3-N10  
Duchesne County, Utah

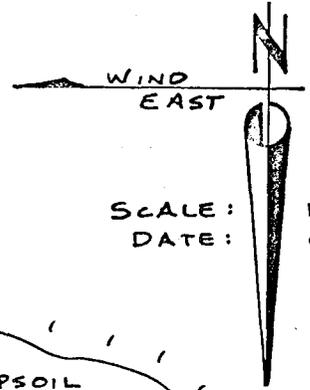
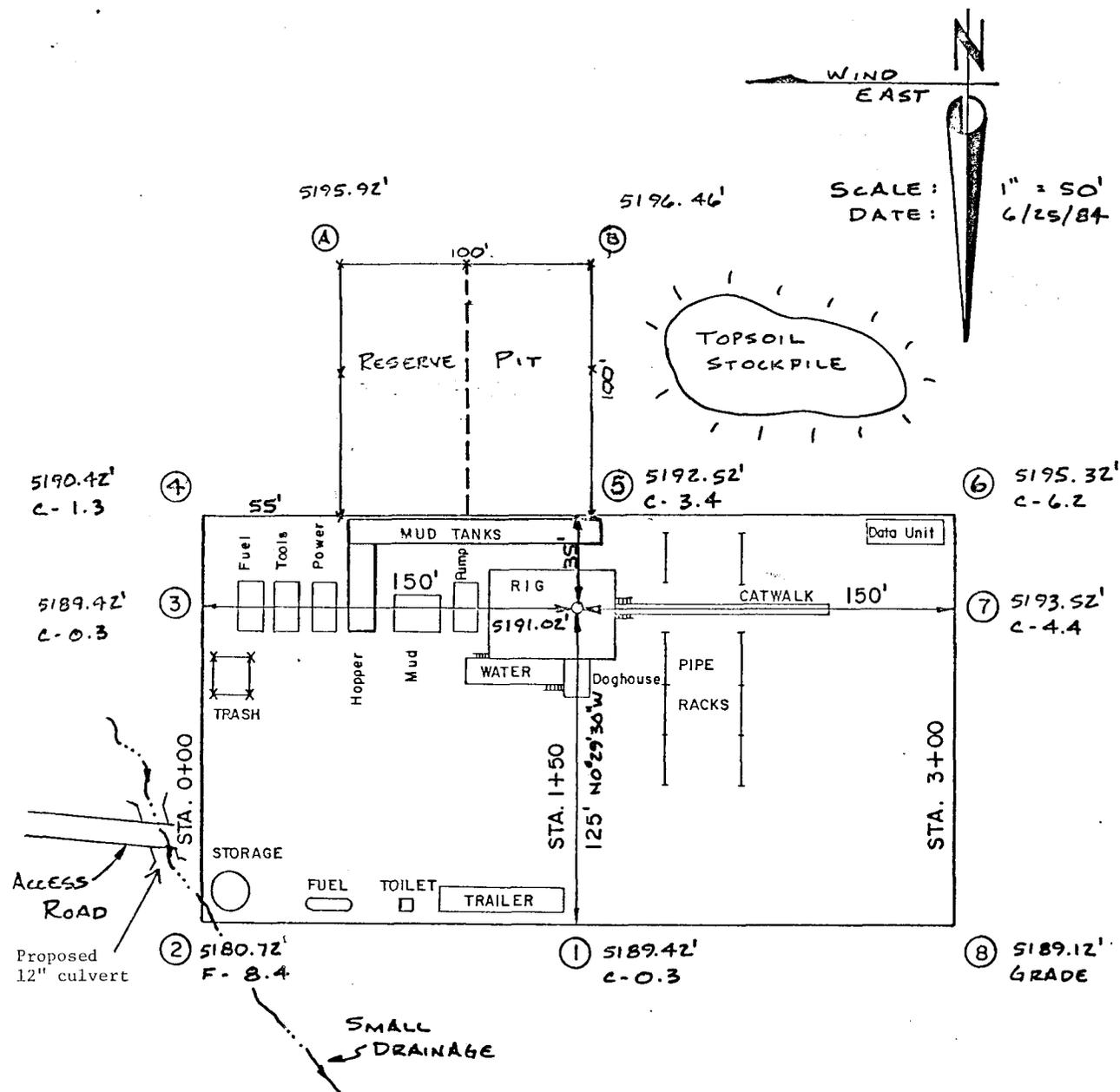


SCALE - 1" = 50'

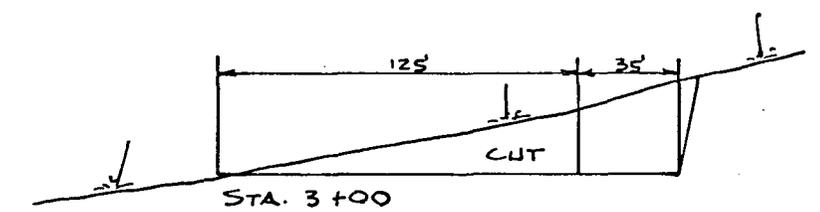
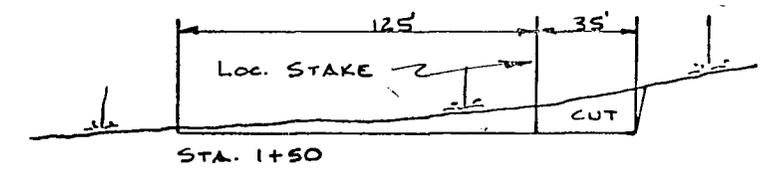
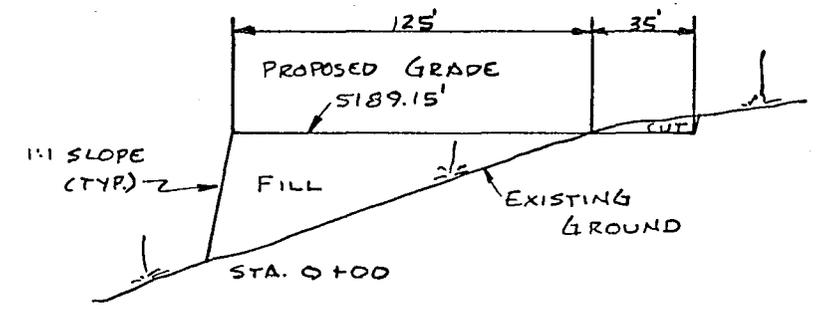
UNION OIL OF CALIFORNIA

CASTLE DRAW U.S.A. #3-N10

LOCATION LAYOUT & CUT SHEET



C  
R  
O  
S  
S  
E  
C  
T  
I  
O  
N  
S



1" = 10'

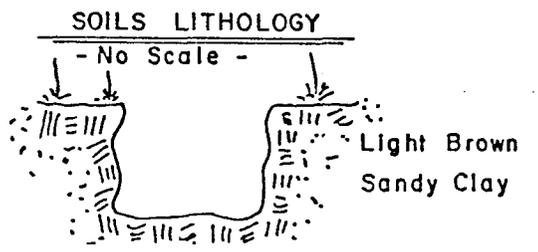
Scales

1" = 50'

APPROXIMATE YARDAGES

Cubic Yards Cut - 2,530

Cubic Yards Fill - 2,026



Western Wyoming College  
Affidavit of Cultural Resource Inventories

Project Reference No: 82-WWC-56

Project Identification: Castle Draw USA # 2-J10 well location and access road, Union Oil Company of California.

Project Location: Castle Draw USA # 2-J10 is located (1980' FSL and 1980' FEL) in the center of the NW $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 10, T9S, R17E. The access road departs from Sand Wash Road in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 10, T9S, R17E and travels SSW to the well location. The project is located in Duchesne County, Utah on lands administered by the Vernal District BLM, Diamond Mountain Resource Area.

Description of Undertaking: Union intends to construct an oil well on a pad measuring approximately 200 x 200 ft. The access will be bladed only and travel a total distance of 1200 ft.

Field Crew: Steven Creasman and Dudley Gardner

Date of Survey: August 3, 1982

File Search: A search of the BLM (Vernal District) site files on August 3, 1982 revealed that several well pad surveys had been conducted in the area but no archaeological sites had been discovered.

Environment: The project area is situated on Pariette Bench between Castle Peak Draw and Big Wash. The well location sits south of Sand Wash Road on a gently sloping flat east of an ephemeral drainage and southwest of a low butte.

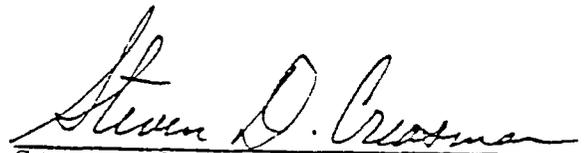
The area is sparsely covered with vegetation. Predominate on the location and road is spiny hopsage, prickly pear, winterfat, rabbitbrush and very little grass. In the drainage west of the location, where soil development is somewhat better, thick stands of greasewood can be found. Desert pavement covers the project area and therefore little soil development has taken place.

Survey Methods: A ten acre area centered on the well location center stake was investigated by the field crew. The crew walked transects spaced a 30 m intervals to investigate the well location. A 100 ft corridor (50 ft either side of staked centerline) was inspected for the access road along its entire 1200 ft length.

Results: No cultural resources were discovered during the course of this investigation. Nor is there any likelihood that buried cultural resource exist in the project area.

Recommendations: Cultural resource clearance is recommended for the Castle Draw USA # 2-J10 well and access road.

Certification: This project was conducted under Federal Antiquities Permit No. 82-UT-230 and complies with Executive Order 11593 and other historic preservation laws.



Steven D. Creasman  
Principal Investigator

Report Accepted Yes  No

Mitigation Acceptable Yes  No

Comments: \_\_\_\_\_

Summary Report of  
Inspection for Cultural Resources

Report Title C | A | S | T | L | E | | D | R | A | W | U | S | A | # | 2 | - | J | 1 | 0 | | | | | | | |

Development Company Union Oil Company of California

Report Date 8 | | . 1 | 9 | 8 | 2 |  
41 42 MONTH 43 YEAR 46

4. Antiquities Permit No. 82-UT-230

Responsible Institution W | E | S | T | E | R | N | | W | Y | | C | O | L | L | County Duchesne  
47 61

Fieldwork Location:	TWN <u>9   5    </u>	Range <u>1   7   E  </u>	Section(s) <u>1   0  </u>	<u>   </u>	<u>   </u>	<u>   </u>	<u>   </u>
	62 65	66 69	70 71	72 73	74 75	76 77	
	TWN <u>   </u>	Range <u>   </u>	Section(s) <u>   </u>	<u>   </u>	<u>   </u>	<u>   </u>	<u>   </u>
	78 81	82 85	86 87	88 89	90 91	92 93	
Resource Area <u>D   M</u>	TWN <u>   </u>	Range <u>   </u>	Section(s) <u>   </u>	<u>   </u>	<u>   </u>	<u>   </u>	<u>   </u>
<u>110 111</u>	94 97	98 101	102 103	104 105	106 107	108 109	

PO=PONY EXPRESS, BR=BEAR RIVER, PR=PRICE RIVER, WS=WARM SPRINGS  
BC=BOOK CLIFFS, HR=HOUSE RANGE, SE=SEVIER RIVER  
HM=HENRY MOUNTAINS, BE=BEAVER RIVER, DX=DIXIE  
KA=KANAB, ES=ESCALANTE, SJ=SAN JUAN, GR=GRAND  
SR=SAN RAFAEL, DM=DIAMOND MOUNTAIN,

Fill in spaces 65, 69, 81, 85, 97, 101 On  
V=Vernal Meridian  
H=Half Township

5. Description of Examination Procedures: Transects spaced at 30 m intervals were used to inspect an area of 10 acres centered on the well pad center stake. The access road was walked by two archaeologist spaced at 30 m to inspect a 100 ft corridor (50 ft either side of staked centerline).

9. Linear Miles Surveyed and/or 10 | 2 | 3 | | 112 117  
 Definable Acres Surveyed and/or 1 | 1 | 0 | | 118 123  
 \* Legally Undefinable Acres Surveyed     124 129  
 (\* A parcel hard to cadastrally locate i.e., center of section)

10. Inventory Type I | 130  
R= Reconnaissance  
I= Intensive  
S= Statistical Sample

2. Description of Findings (attach appendices, if appropriate)

No cultural resources were located. Nor is there any likelihood for buried sites in the project

12. Number Sites Found: 0 | | 131  
No sites = 0

13. Collection: N | Y=Yes, N 136

4. Actual/Potential National Register Properties Affected:

No potential

5. Conclusion/Recommendations:

Cultural resource clearance is recommended.

6. Signature and Title of Institutional Officer Responsible

[Signature]  
Principal Investigator

Note: Include only requested information in numbered spaces.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Union Oil Company of California Well No. 3-N10  
Location Sec. 10 T 9S R 17E Lease No. U-020252  
Onsite Inspection Date 7-18-84

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

1. Pressure Control Equipment

In accordance with API RP 53, 3,000 psi BOP stacks shall be equipped with an annular, bag-type preventer. Prior to drilling out the surface casing shoe, the ram-type preventers shall be tested to 1,000 psi and the annular-type preventer shall be tested to 1,000 psi.

BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

2. Casing Program and Auxiliary Equipment

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

3. Mud Program and Circulating Medium

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

4. Coring, Logging and Testing Program

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

5. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status.

Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

B. THIRTEEN POINT SURFACE USE PLAN

1. Planned Access Roads

Width: 30' maximum disturbance-18' running surface

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

2. Location of Tank Batteries and Production Facilities

All permanent (on site for six months or longer) structures constructed or installed (including oil well pumpjacks) 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  $1\frac{1}{2}$  times the storage capacity of the battery.

Tank batteries will be placed between points A and D.

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.

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 Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

3. Location and Type of Water Supply

All water needed for drilling purposes will be obtained from Pleasant Valley.

4. Source of Construction Material

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

Construction material will be located on lease.

5. Methods of Handling Waste Disposal

The reserve pit will not be lined.

Burning will not be allowed. All trash must be contained and disposed of by a trash cage and hauled to an approved sanitary landfill.

Produced waste water will be confined to an 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 non-compliance, and will be grounds for issuing a shut-in order.

6. Ancillary Facilities

Camp facilities will not be required.

7. Well Site Layout

The reserve pit will be located on the south side of location.

The stockpiled topsoil will be stored on the east side of location between points 7 and 8.

Access to the well pad will be from northeast corner of location.

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

8. 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.

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.

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. Also, if broadcast, the seed mixture will be proportionately larger to total 14 pounds per acre.

The following seed mixture will be used:

Stipa comata	1 lb/acre
Agropyron cristatum	1 lb/acre
Poa secunda	1 lb/acre
Kochia prostrata	2 lbs/acre
Atriplex confertifolia	2 lbs/acre
Ceratoides lanata	<u>2 lbs/acre</u>
Total	9 lbs/acre

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

9. Surface and Mineral Ownership

Surface and mineral-Federal.

10. Other Information

There will be no deviation from the proposed drilling and/or work-over 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 on 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 be required before any construction begins. If any cultural resources are found during construction, all work will stop and the A0 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.

OPERATOR Union Oil Co. of California DATE 7-6-84  
WELL NAME Castle Draw USA #3-N10  
SEC SESW 10 T 95 R 17E COUNTY Shoshone

43-013-30973  
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:

No other wells within 1000'  
Need water permit

APPROVAL LETTER:

SPACING:  A-3 \_\_\_\_\_ UNIT  c-3-a \_\_\_\_\_ 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 \_\_\_\_\_

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.

# UNION <sup>76</sup>

TO	RECEIVED / LOCATION
Utah Oil & Gas Conservation	SLC, Utah
Commission-Attn: Ron Firth	
7-9-84	
(Per telephone conversation of 7-9-84 w/Ralph Ladd)	

FOR YOUR INFORMATION     PLEASE HANDLE     SEE ME     YOUR FILE     FOR YOUR APPROVAL

On 7-2-84, we submitted 3 copies of the APD for Castle Draw No. 3-N10 (Form 3160-3) with plats to your office. Attached is a copy of the APD w/Drilling Program & Surface Use Plan for your information and file.

RETURN

FROM

Ralph G. Ladd, Jr.-Union Oil  
Company of California-Casper,

July 9, 1984

Union Oil Company of California  
P. O. Box 2620  
Casper, Wyoming 82602-2620

RE: Well No. Castle Draw USA #3-N10  
SESW Sec. 10, T. 9S, R. 17E  
660' FSL, 1980' FWL  
Duchesne County, Utah

Gentlemen:

Approval to drill the above referenced oil well is hereby granted in accordance with Rule C-3 (b), 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 OCC-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 John R. Baza, Petroleum Engineer, (Office) (801) 533-5771, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

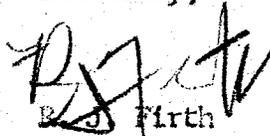
Page 2

Union Oil Company of California  
Well No. Castle Draw USA #3-1110  
July 9, 1984

5. 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 43-013-30973.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

RJF/as

cc: Branch of Fluid Minerals

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

Union Oil Company of California

3. ADDRESS OF OPERATOR

P. O. Box 2620 - Casper, WY 82602-2620

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface 660' FSL & 1980' FWL (SE SW)

At proposed prod. zone 660' FSL & 1980' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 14.5 miles southeast of Myton, Utah

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 660'

16. NO. OF ACRES IN LEASE

240

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.

1867'

19. PROPOSED DEPTH

6100'

20. ROTARY OR CABLE TOOLS

Rotary

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

5191' GR (Ungraded)

22. APPROX. DATE WORK WILL START\*

Immediately Upon Approval

23.

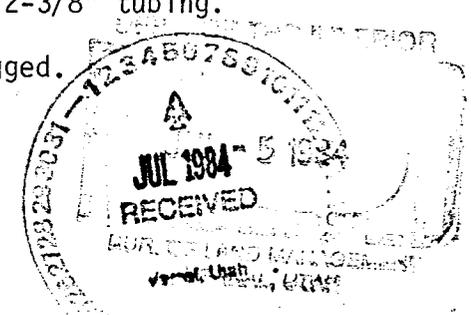
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	Expected Top
12-1/4"	8-5/8"	20#	300'	250 sx 50-50 pozmix	Surface
7-7/8"	4-1/2"	10.5#	6100'	650 sx 50-50 pozmix	3500'

PROPOSED DRILLING PROGRAM:

Move in rotary rig. Drill 12-1/4" hole to 300'. Run and cement 8-5/8" casing. Drill 7-7/8" hole to approximate T.D. of 6100'. Run logs and, if logs indicate production, run and cement 4-1/2" casing. Perforate and complete using 2-3/8" tubing.

The BOP will be operationally tested daily and each test logged.



Note: Subject well will be drilled under Bond No. B-73310

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

*R. G. Ladd, Jr.*

R. G. Ladd, Jr.

TITLE

District Drilling Supt.

DATE

7-2-84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*[Signature]*

TITLE

DISTRICT MANAGER

DATE

7/26/84

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

TO OPERATOR'S COPY

\*See Instructions On Reverse Side

State O B+M

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

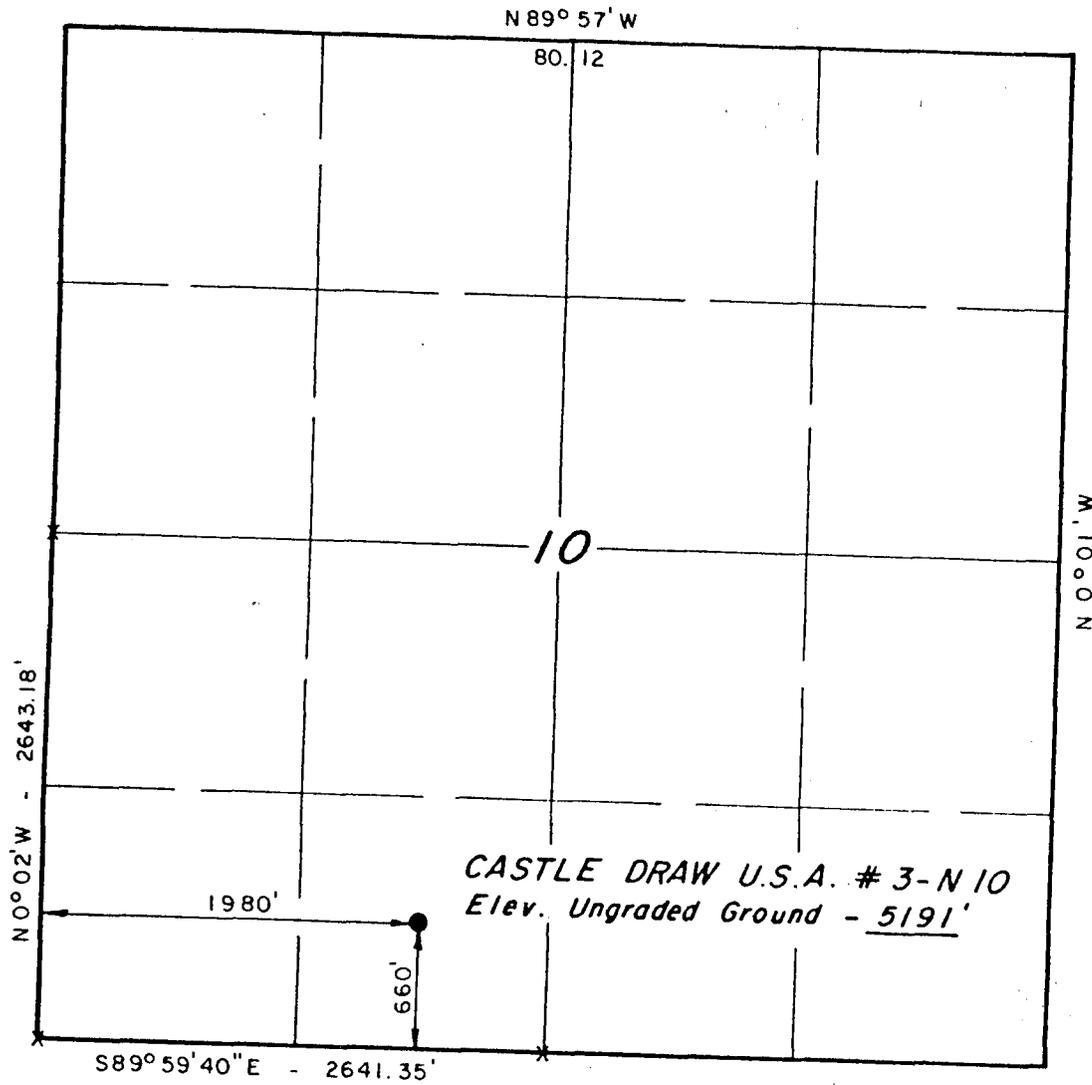
U.S. States any & fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

T9S, R17E, S.L.B.&M.

PROJECT

UNION OIL OF CALIFORNIA

Well location, *CASTLE DRAW U.S.A. #3-N10*, located as shown in the SE1/4 SW1/4 Section 10, T9S, R17E, S.L.B.&M. Duchesne County, Utah.



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.

*John J. [Signature]*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO 2454  
 STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING P.O. BOX Q - 85 SOUTH - 200 EAST VERNAL, UTAH - 84078			
SCALE	1" = 1000'	DATE	6/25/84
PARTY	DB CM MB RP	REFERENCES	GLO Plat
WEATHER	FAIR	FILE	UNION OIL

X = Section Corners Located

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API #43-013-30973

NAME OF COMPANY: UNION OIL COMPANY

WELL NAME: CASTLE DRAW USA #3-N10

SECTION SESW 10 TOWNSHIP 9S RANGE 17E COUNTY Duchesne

DRILLING CONTRACTOR B & B Well Service

RIG # 4

SPUDDED: DATE 8-19-84

TIME 2:00 PM

How Rotary

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

REPORTED BY Peg

TELEPHONE # 307-234-1563

DATE 8-20-84 SIGNED AS

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

SUBMIT IN TRIP  
(Other instructions on re-  
verse side)

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION AND SERIAL NO. <b>U-020252</b>
1. <b>OIL WELL</b> <input checked="" type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR <b>Union Oil Company of California</b>		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR <b>P. O. Box 2620 - Casper, WY 82602-2620</b>		8. FARM OR LEASE NAME <b>Castle Draw USA</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>660' FSL &amp; 1980' FWL (SE SW)</b>		9. WELL NO. <b>3-N10</b>
14. PERMIT NO. <b>API No. 43-013-30973</b>		10. FIELD AND POOL, OR WILDCAT <b>Monument Butte</b>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5191' GR (Ungraded)</b>		11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA <b>Sec. 10, T.9S., R.17E.</b>
		12. COUNTY OR PARISH <b>Duchesne</b> 13. STATE <b>Utah</b>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>SPUD NOTICE</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		<small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>	

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.)\*

MIRU P & P Well Service Company's rotary rig No. 4. Spudded 12-1/4" hole at 2:00 p.m., 8-19-84. Drilled to 318'. Circulated. TOOH.

Ran and cemented 6 joints and 1 piece (304.21') of 8-5/8", 24#, S-80, ST&C, new, seamless casing at 316.21' (insert float valve at 272.77') with 230 sacks of cement. Preceded cement with 10 bbls. fresh water. Displaced with 19-1/2 bbls. water at 4 bpm. Maximum PDP 300#. Bumped plug with 500#. Circulated 42 sacks of cement to surface. C.I.P. & J.C. at 5:45 a.m., 8-21-84. Released pressure and float held O.K. W.O.C.

**RECEIVED**

AUG 23

DIVISION OF OIL  
GAS & MINING

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

SIGNED R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 8-21-84

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		<b>RECEIVED</b>  AUG 30 1984	5. LEASE DESIGNATION AND SERIAL NO. U-020252
2. NAME OF OPERATOR Union Oil Company of California			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, WY 82602-2620		<b>DIVISION OF OIL GAS &amp; MINING</b>	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface  660' FSL & 1980' FWL (SE SW)			8. FARM OR LEASE NAME Castle Draw USA
14. PERMIT NO. API No. 43-013-30973	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5191' GR (Ungraded)		9. WELL NO. 3-N10
			10. FIELD AND POOL, OR WILDCAT Monument Butte
			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T.9S., R.17E.
			12. COUNTY OR PARISH Duchesne
			13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

2170' T.D.

UNION OIL COMPANY OF CALIFORNIA PROPOSES TO PLUG AND ABANDON SUBJECT WELL AS FOLLOWS:

Spot cement plugs as follows: Plug No. 1 - 60 sacks from 1531-1322'  
 Plug No. 2 - 60 sacks from 420-211'  
 Plug No. 3 - 25 sacks from 90' to surface

Cut off 8-5/8" casing 3' below ground level and weld on plate. No dry hole marker will be installed.

Note: Received verbal approval to plug and abandon subject well from Jerry Kenczka, BLM-O&G, Vernal, Utah, on 8-24-84.

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

SIGNED R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 8-27-84

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

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

\*See Instructions on Reverse Side DATE: 9/7/84  
BY: [Signature]

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-3365.5.

14

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

5. LEASE DESIGNATION AND SERIAL NO.

U-020252

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Castle Draw USA

9. WELL NO.

3-N10

10. FIELD AND POOL, OR WILDCAT

Monument Butte

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

Sec. 10, T.9S., R.17E.

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other P&A

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

2. NAME OF OPERATOR  
Union Oil Company of California

3. ADDRESS OF OPERATOR  
P. O. Box 2620 - Casper, WY 82602-2620

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface  
660' FSL & 1980' FWL (SE SW)

At top prod. interval reported below

At total depth  
660' FSL & 1980' FWL

14. PERMIT NO. DATE ISSUED  
API 43-013-30973 | 7-9-84

RECEIVED

SEP 4 1984

DIVISION OF OIL  
GAS & MINING

15. DATE SPUNDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 19. ELEV. CASINGHEAD  
8-19-84 8-23-84 P&A on 8-26-84 5191' GR (Ungraded) - - -

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 25. WAS DIRECTIONAL SURVEY MADE  
2170' TD Sfc. 0 - TD - - - None No

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED  
None 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#	316'	12-1/4"	230 SX	3'

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)
- - -	- - -	Plugged & Abandoned

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  
N.A. No Test

35. LIST OF ATTACHMENTS Note: Well No. 3-N10 was abandoned at 2170' on 8-26-84 due to severe hole deviation. No. 3-N10-X will be drilled as replacement well.  
None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 8-30-84

\*(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 33.

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

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

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

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

**37. SUMMARY OF POROUS ZONES:**

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			NO DST'S
			NONE

38.

**GEOLOGIC MARKERS**

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
			( NO LOGS RUN )



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

Union Oil Company of California  
P.O. Box 2620  
Casper, Wyoming 82602-2620

Gentlemen:

Re: Well No. Castle Draw USA #3-N10 - Sec. 10, T. 9S., R. 17E.  
Duchesne County, Utah - API #43-013-30973

This letter is to advise you that a subsequent report of plugging and abandonment has not been received on the above referred to well. We did receive an intent to abandon notice dated August 27, 1984 stating that this well was to be abandoned in order to rig skid this well to the 3-N10X.

Rule D-2 states that the plugging report shall give a detailed account of the manner in which the plugging work was carried out, including the nature and quantities of materials used in plugging, and the location and extent (by depths) of the plugs of different materials; records of any tests or measurements made and the amount, size and location (by depths) of casing left in the well; and statement of the volume of mud fluid used. If an attempt was made to part any casing, a complete report of the method used and results obtained must be included.

Enclosed is Form OGC-1b, "Sundry Notices and Reports on Wells:", for you to complete and return to this office to bring this well into compliance with the above stated rule.

Your prompt attention to the above matter will be greatly appreciated.

Sincerely,

Claudia L. Jones  
Well Records Specialist

clj  
Enclosure  
cc: D. R. Nielson  
R. J. Firth  
J. R. Baza  
File  
00000001-6



TO CLAUDIA L. JONES	ROOM NO / LOCATION UT O&GCC
9-21-84	

FOR YOUR INFORMATION    
  PLEASE HANDLE    
  SEE ME    
  YOUR FILE    
  FOR YOUR APPROVAL

PER OUR PHONE CONVERSATION OF 9-21-84.

ATTACHED ARE COPIES OF THE SUBSEQUENT

REPORT OF ABANDONMENT THAT WAS SUBMITTED

TO YOUR OFFICE ON 8-28-84.

RETURN    
 FROM *Peg Will - Union Oil*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.  
U-020252

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Castle Draw USA

9. WELL NO.  
3-N10

10. FIELD AND POOL, OR WILDCAT  
Monument Butte

11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 10, T.9S., R.17E.

12. COUNTY OR PARISH 13. STATE  
Duchesne Utah

1. OIL WELL  GAS WELL  OTHER   
2. NAME OF OPERATOR  
Union Oil Company of California  
3. ADDRESS OF OPERATOR  
P. O. Box 2620 - Casper, WY 82602-2620  
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
660' FSL & 1980' FWL (SE SW)

RECEIVED

SEP 24 1984

DIVISION OF OIL & GAS & MINING

14. PERMIT NO. API No. 43-013-30973  
15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5191' GR (Ungraded)

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)   
PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)   
REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

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

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

2170' T.D.

PLUGGED AND ABANDONED SUBJECT WELL AS FOLLOWS:

Spotted cement plugs as follows: Plug No. 1 - 60 sacks from 1531-1322'  
Plug No. 2 - 60 sacks from 420-211'  
Plug No. 3 - 25 sacks from 90' to surface

C.I.P. & J.C. at 4:15 p.m., 8-26-84. N.D. BOP and released rig at 5:00 p.m. on 8-26-84. Cut off 8-5/8" casing 3' below ground level and welded on plate. No dry hole marker was installed.

Well plugged and abandoned on 8-26-84.

Note: Received verbal approval of the above procedure from Jerry Kenczka, BLM-O&G, Vernal, Utah, on 8-24-84.

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

SIGNED R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 8-28-84

(This space for Federal or State office use)

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

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

\*See Instructions on Reverse Side 9/25/84

DATE \_\_\_\_\_ BY: John R. Dejeu