

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

CONFIDENTIAL

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
 1780' FSL & 660' FEL (NE SE)
 At proposed prod. zone
 1780' FSL & 660' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 39 miles southeast of Mountain View, Wyoming

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
 1,835.67

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 None

19. PROPOSED DEPTH
 15,600' *Dakota*

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 8717' GR (Ungraded)

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	Expected Cement Top
26"	20"	94#	120'	50 sx	Surface
17-1/2"	13-3/8"	54.5#	500'	±500 sx	Surface
12-1/4"	9-5/8"	47#	10,500'	600 sx	9,000'
8-1/2"	7" Liner	32#	15,600'	650 sx	10,100'

Proposed Drilling Program

Drill 17-1/2" hole to 500'. Run and cement 13-3/8" casing. Drill 12-1/4" hole to 10,500'. Run and cement 9-5/8" casing. Drill 8-1/2" hole to 15,600', with possible cores in the Frontier and Dakota formations. Log and if productive, run and cement 7" liner from 10,100' to 15,600'. Complete with 3-1/2" tubing.

BOP's will be operationally tested daily and each test logged.

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. S. Ladd, Jr.* TITLE District Drilling Supt. DATE 1-8-88

(This space for Federal or State office use)

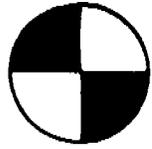
PERMIT NO. 43-043-30289 APPROVAL DATE APPROVED BY THE STATE

APPROVED BY _____ TITLE OF UTAH DIVISION OF OIL, GAS, AND MINING

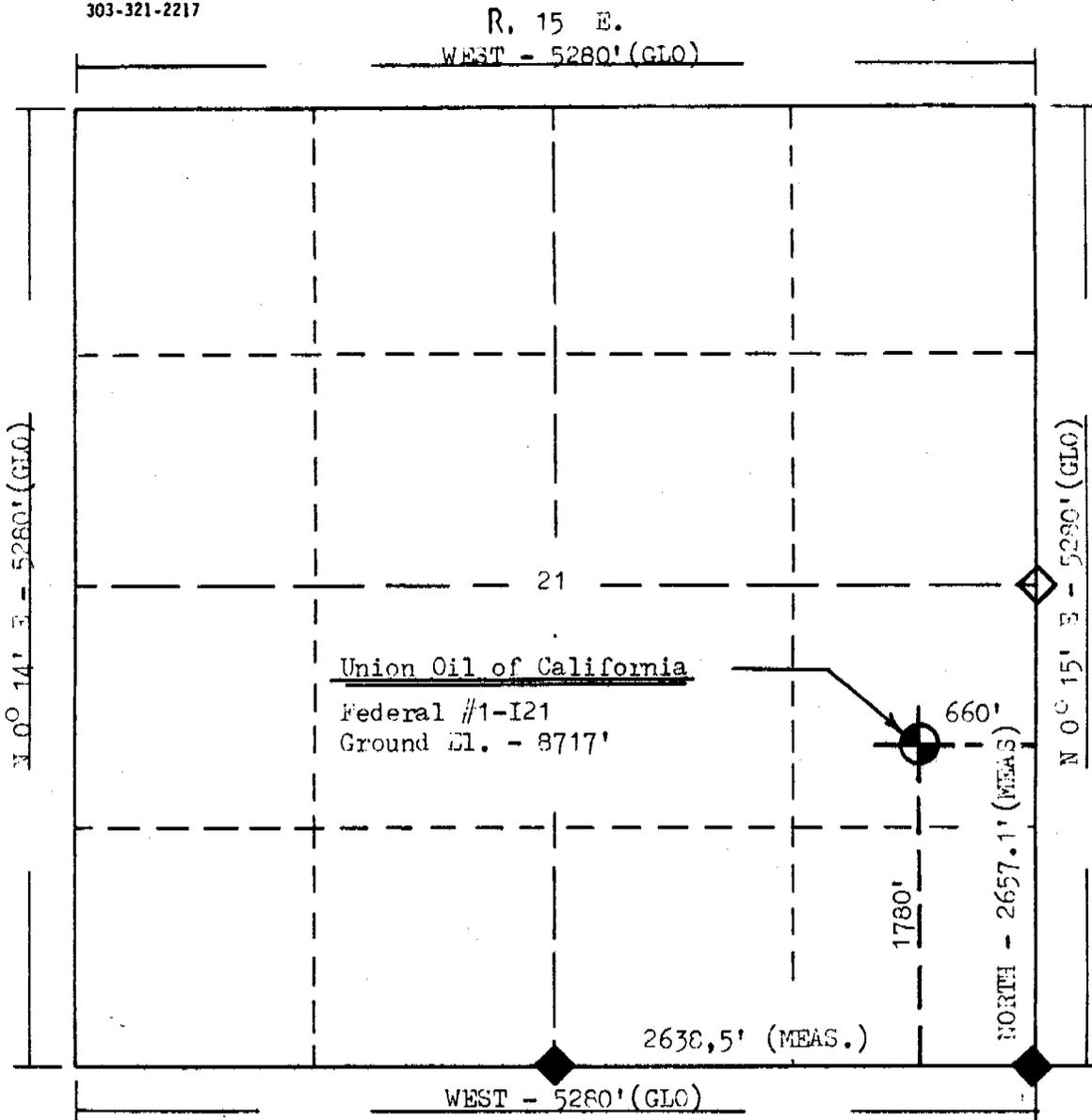
CONDITIONS OF APPROVAL, IF ANY: _____ DATE: 2-11-88
 BY: *John R. Burr*

CONFIDENTIAL

*See Instructions On Reverse Side SPACING: RA 5-3-2

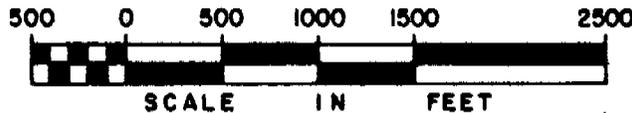


BASIS of BEARING: West on the south line of the southeast quarter, section 21.



T.
3
N.

◆ - Indicates pipe corners found.



◇ - Indicates stone corners found.

Powers Elevation, Inc. of Denver, Colorado has in accordance with a request from Ralph Ladd for Union Oil Company of California determined the location of Federal #1-I21 to be 1780' NSL & 660' EEL Section 21, Township 3 North, Range 15 East of Salt Lake Base & Meridian, Summit County, Utah.

I hereby certify that this plat is an accurate representation of a correct survey showing the location of Federal #1-I21.

Date: October 1, 1937

T. Nelson
 Licensed Land Surveyor No. 2711
 State of Utah

UNION OIL COMPANY OF CALIFORNIA

Federal Well No. 1-121
Sec. 21, T.3N., R.15E.
Summit County, Utah

A. DRILLING PROGRAM

1. Surface Formation: Tertiary (Undifferentiated)

Estimated Tops of Geological Markers:

Ungraded Ground Elevation - 8717'

<u>Formation</u>	<u>Depth Below G.L.</u>
Fort Union	6,700'
Mesaverde	10,535'
Hilliard Shale	12,220'
Frontier	14,695'
Mowry Shale	14,815'
Dakota	15,055'
Proposed Total Depth	15,600'

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>Expected Oil Zones:</u>	Mesaverde	10,535'
	Frontier	14,695'
	Dakota	15,055'

<u>Expected Gas Zones:</u>	Mesaverde	10,535'
	Frontier	14,695'
	Dakota	15,055'

Expected Water Zones: May encounter water flows from surface through the Fort Union to 10,535'.

Expected Mineral Zones: None anticipated.

If any shallow water zones are encountered, they will be adequately protected and reported (none anticipated). Potentially productive hydrocarbon zones will be cemented off.

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

Wellhead:

13-5/8", 5000#, X 13-3/8" slip-on with two flanged 5000# outlets with 5000# valves.

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 5000 psi.

Testing Procedure:

BOP's, choke manifold, and casing will be pressure tested to 70% of the internal yield of the casing or the rated working pressure, whichever is less. The annular preventer will be tested to 1/2 of the rated working pressure. The test will be for a period of 15 minutes upon installation and/or when flange seals are broken if a "nipple up" or "nipple down" takes place.

4. Casing Program:

Conductor - 20" @ 120'

(Mud Wt. 9.6 ppg)

<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>	<u>New/Used</u>
0-120'	20"	94#		(Welded)	New

Surface Casing - 13-3/8" @ 500'

(Mud Wt. 9.0 ppg)

<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>	<u>New/Used</u>
0-500'	13-3/8"	54.5#	K-55	ST&C	New

Intermediate Casing - 9-5/8" @ 10,500'

(Mud Wt. 9.0 ppg)

<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>	<u>New/Used</u>
0-10,500'	9-5/8"	47#	S-95/N-80	LT&C	New

Production Liner - 7" from 10,100-15,600'

(Mud Wt. 12.0 ppg)

<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>	<u>New/Used</u>
10,100-15,600'	7"	32#	P-110	T.S.	New

Minimum Safety Factors

Collapse: 1.125
 Tension: 1.8
 Burst: 1.0

5. Drilling Fluid:

<u>Depth</u>	<u>Type</u>	<u>Weight</u>	<u>Vis</u>	<u>W.L.</u>
0-500'	Fresh Water	8.3-9.0#	28-45	N.C.
500-8,000'	FW/LSLD*	8.3-8.8#	28-45	N.C.
8,000-10,500'	LSLD Gel & KCl Polymer	8.3-12.0#	35-50	<10
10,500-14,500'	LSLD & KCl Polymer	8.9-9.8#	35-45	<15
14,500-15,600'	3%-4% KCl Polymer	9.8-11.4#	35-45	<10

*Low Solids Lightly Dispersed

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

6. Testing, Logging, and Coring Program:

DST's: None

Logging: 150-2,100' - DIL/BHC
 2,100-10,500' - DIL/BHC HDT
 10,500-T.D. - DIL/BHC, LDT/CNL HDT
 14,650-T.D. - Cyberlook

Cores: Dakota - 15,125-15,425'

Completion:

No stimulation or frac treatment has been formulated for this test. The BLM will be notified by sundry notice prior to any completion activity. The drill site will be of sufficient size to accommodate all completion activity.

7. Abnormal Pressures, Temperatures, and Potential Hazards:

No abnormal temperatures or pressures are anticipated.

No H₂S has been reported or known to exist from previous drilling in the area to this depth.

8. Additional Information:

Starting Date:

Anticipated commencement date: June 1, 1988

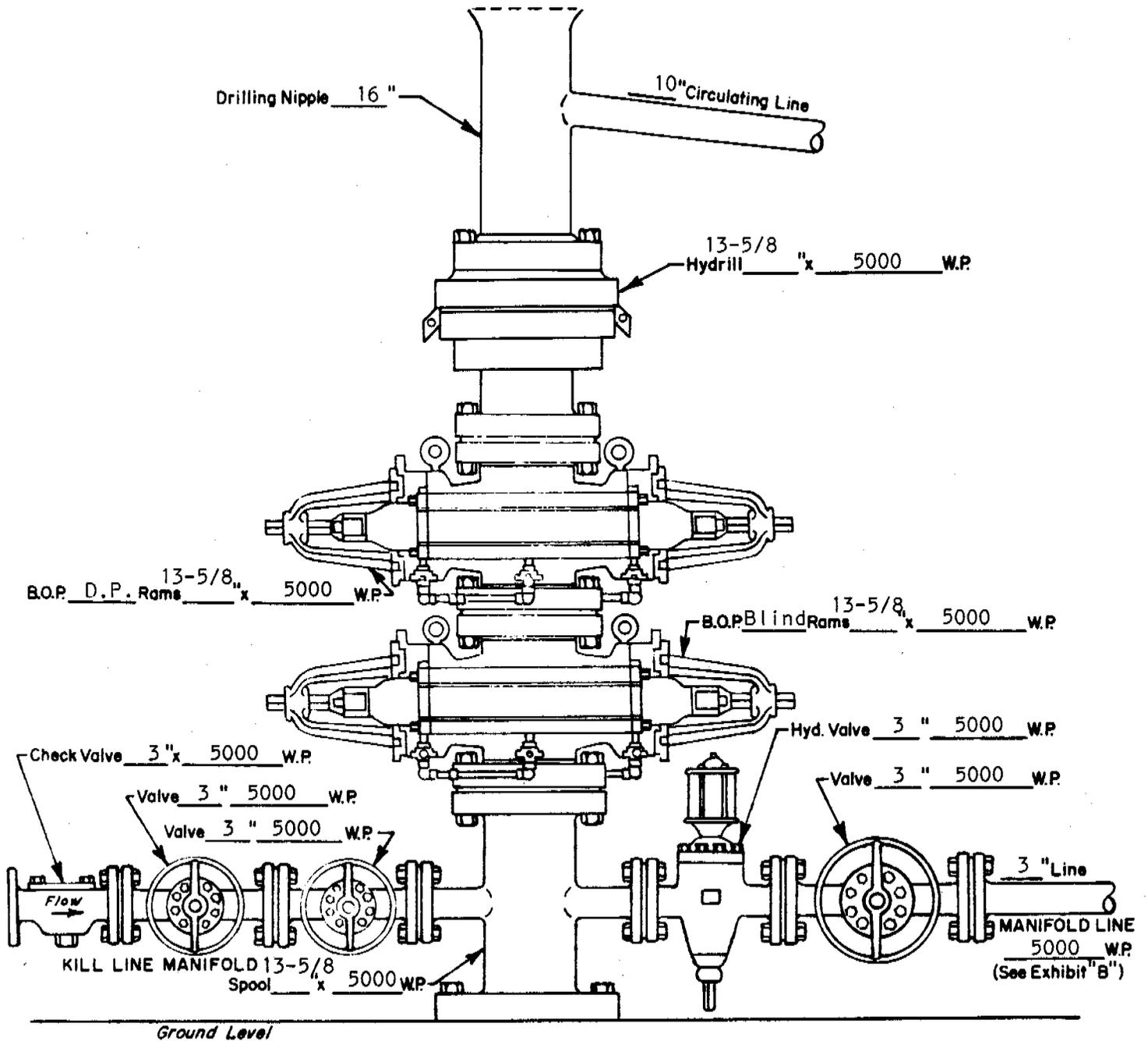
Duration of Operations:

Drilling - 120 days
Completion - 20 days

Auxiliary Equipment:

1. A kelly cock will be kept in the string at all times.
2. A stabbing valve will be kept on the derrick floor to be stabbed into the drill string whenever the kelly is not in the string.
3. A flow sensor will be used from 10,500' to T.D.

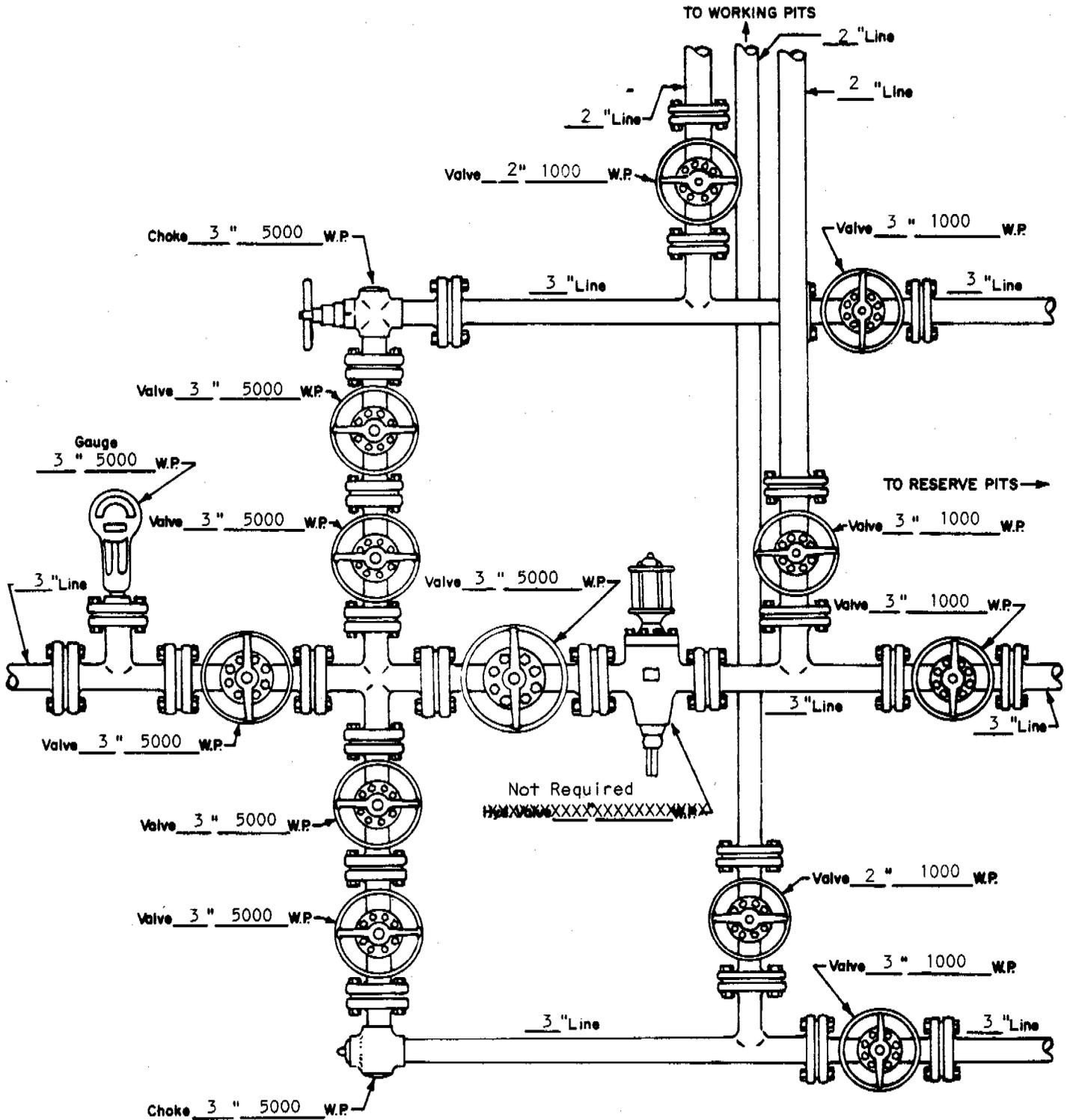
Union Oil Company of California
 Federal Well No. 1-121
 NE SE of Sec. 21, T.3N., R.15E.
 Summit County, Utah



WELL HEAD B.O.P.
 5000 # W.P.

- Manual
- Hydraulic

Union Oil Company of California
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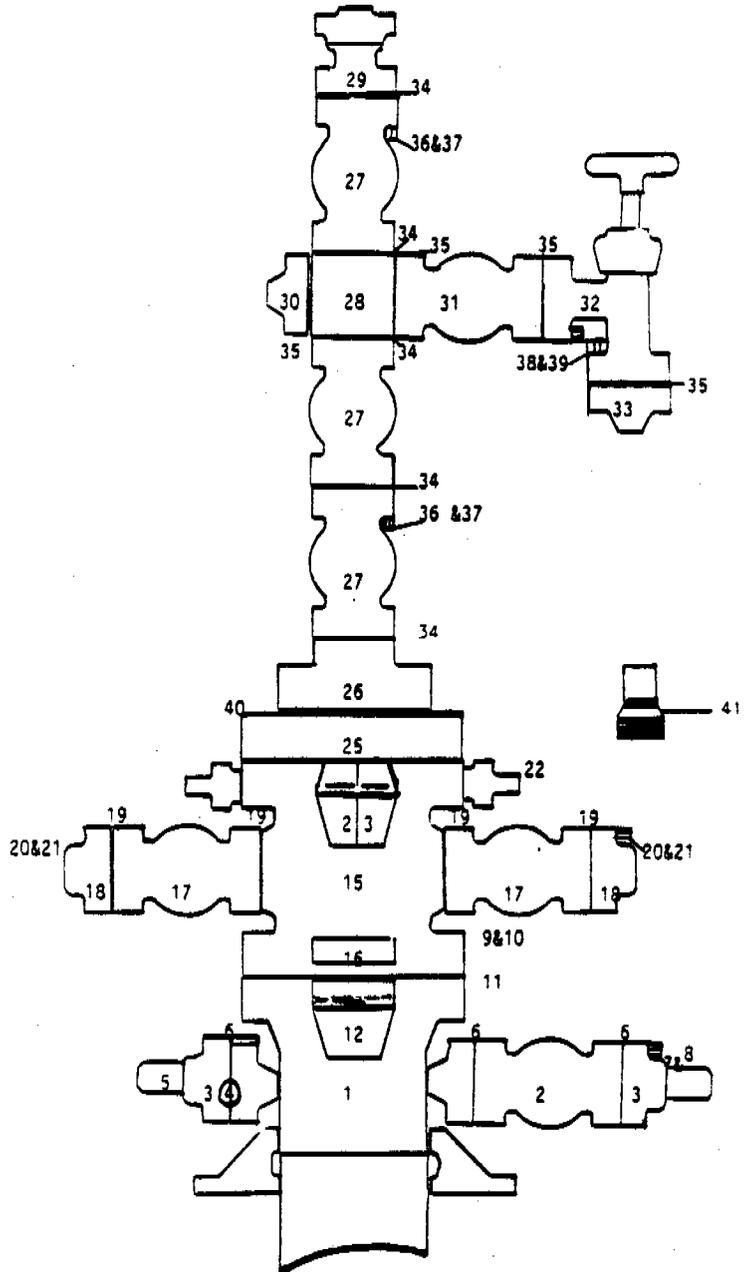


MANIFOLD
 5000 #W.P.

Manual
 Hydraulic

Union Oil Company of California
 Federal Well No. 1-121
 Summit County, Utah

1. CASING HOUSING - TYPE "WF", 13-5/8", 5M# WP X 13-3/8" SLIP-ON WELD W/2 2-1/16", 5M# FLANGED OUTLETS, 1-1/2" VR THREADS, W/48" OD, 1-1/2" THICK LANDING BASE.
2. VALVE - CIW "FL" GATE, 2-1/16", 5000# WP, FLANGED, REGULAR TRIM.
3. COMPANION FLANGE - 2-1/16", 5M# WP X 1" LP
4. CONTROL PLUG - 1-1/2"
5. BULL PLUG - 2" LP XXH
6. RING GASKET - R 24
7. STUD - 7/8" x 6-1/4", CAD PLATED
8. NUT - 7/8", CAD PLATED
9. STUD - 1-7/8" X 17-3/4", CAD PLATED
10. NUT - 1-7/8", CAD PLATED
11. RING GASKET - BX 180
12. CASING HANGER, "CA" SLIP AND SEAL ASSEMBLY, 13-5/8" NOM X 9-5/8"
15. CASING SPOOL - "AP", 13-5/8", 5000# WP X 11", 10,000# WP W/2 1-13/16", 10M# WP, STUDDED OUTLETS W/1-1/4" VR THREADS X BTM PREP
16. "X" BUSHING, 13-5/8" NOM X 9-5/8"
17. VALVE - CIW-"FL", 1-13/16", 10M# WP FLANGED, REGULAR TRIM
18. COMPANION FLANGE - 1-13/16" NOM, 10M# WP X 2" LP
19. RING GASKET - BX 151
20. STUD - 3/4" X 5-1/4" CAD PLATED
21. NUT - 3/4" CAD PLATED
22. RING GASKET - BX 158
23. "AP-RFC" TUBING HANGER - 11", 10M# WP X 3-1/2" IJ TUBING
25. DOUBLE-STUDDED ADAPTER FLANGE - 11", 10M# WP X 7-1/16" 10M# WP, W/CAD PLATED STUDS & NUTS.
26. "HB" SPOOL - 7-1/16", 10,000# WP X 3-1/16", 10M# WP, STDD TOP W/6-5/16" BTM PREP
27. VALVE - CIW "FL" GATE, 3-1/16", 10,000# WP, FLANGED, REGULAR TRIM.
28. CROSS - 3-1/16" API, 10,000# WP X 2-1/16", 10M# WP W/CAD PLATED STUDS & NUTS
29. TREE CAP - 3-1/16", 10,000# WP W/3-1/2" EUE LIFT THREADS
30. BLIND FLANGE - 2-1/16", 10M# WP, REGULAR
31. VALVE - CIW "FL", 2-1/16", 10M# WP, FLANGED, REGULAR TRIM
32. CHOKE - CIW, 2-1/16" NOMINAL, 10,000# WP
33. COMPANION FLANGE - 2-1/16", 10,000# WP X 2" LP
34. RING GASKET - BX 154
35. RING GASKET - BX 152
36. STUD - 1" X 7-1/4", CAD PLATED
37. NUT - 1", CAD PLATED
38. STUD - 3/4" x 5-1/2", CAD PLATED
39. NUT - 3/4", CAD PLATED
40. RING GASKET - BX 156
41. TUBING HANGER - "HBA" 6-5/16" x 3-1/2" EUE, BRD. THREAD, TOP & BOTTOM.



WELLHEAD ASSEMBLY

UNION OIL COMPANY OF CALIFORNIA

Federal Well No. 1-121
Sec. 21, T.3N., R.15E.
Summit County, Utah

B. THIRTEEN POINT SURFACE USE PLAN

1. Existing Roads:

- a. The proposed well is approximately 13 miles southwest of Lonetree, Wyoming. The proposed well site as staked is shown on the surveyor's plat. Two 200' directional reference points have been staked.
- b. From Lyman, Wyoming, proceed west 3 miles to the intersection of Highways 80 Alt., 412, 410, and 414. Turn onto 414 south and proceed 3 miles to Mountain View, Wyoming. Continue on Highway 414 south for 22 miles to Lonetree, Wyoming. Continue on Highway 414 past Lonetree, Wyoming, for 0.3 of a mile (by Phillips 66 sign). Turn right on dirt road, and proceed 0.9 of a mile, turn left on dirt road, and go 1.9 miles, then turn right and proceed 5.8 miles to new access road on the left. Turn left on new access road and proceed 4 miles to location. (See Attachment Nos. 4 and 5)
- c. The proposed access road will be approximately 4 miles long and will follow, wherever possible, an existing trail. (See Attachment No. 5)
- d. Existing roads are shown on Attachment Nos. 4 and 5.
- e. Existing roads will be maintained at a standard equal to or better than the condition of the road prior to the start of operations, weather conditions permitting. At the conclusion of drilling and completion operations, the road will be repaired and restored to a standard equal to or better than the condition at the start of operations.
- f. A right-of-way permit has been applied for with the Utah State Land and Forestry Division, Northern Division, Salt Lake City, Utah, for that portion of the State land that lies in Section 17. (Approximately 90 rods of access road on State land.)

2. Planned Access Roads:

- a. Width: 20 feet road surface. 30 feet total disturbed width.
- b. Maximum Grade: 8 percent
- c. Turnouts: No turnouts will be required.
- d. Location: The approximate length of the access road will be 4 miles running from the northwest corner of Section 17 at the intersection with a county road to the southeast corner of Section 21. (See Attachment No. 5)

- e. Drainage: The new access road and the existing trail will require twenty-three culverts (eighteen 18" culverts, two 20" culverts, one 24" culvert, and two 48" culverts). (See Attachment No. 6)
- f. The access road will be designed for 15 mph speed. Additionally, the road will have a crown with a 2 percent slope to the sides, and embankments will have a 3:1 slope. If the well is productive, the access road will be upgraded to a permanent road; otherwise the access road will be rehabilitated after dismantling and moving the drilling rig.

3. Location of Existing Wells:

There are no producing wells, water wells, abandoned wells, disposal wells, injection wells, monitoring wells or shut-in wells within a one-mile radius of the proposed well.

4. Location of Existing and/or Proposed Facilities: (See Attachment No. 7)

- a. There are no production facilities within a one-mile radius of the proposed well.
- b. (1) All permanent production facilities will be painted Juniper Green.
- (2) The production pad will be 400' x 165'. (See Attachment No. 7)
- (3) Other than possibly gravel, no outside construction materials should be necessary.
- (4) All equipment will either be fenced or have metal guards in place. One emergency pit will be required. It will be fenced and flagged.
- (5) (a) If the well is productive, a tank battery will be on the production pad. The tank battery will be surrounded by a dike sufficient to hold 1-1/2 times the capacity of the storage tanks.
- (b) All site security regulations will be adhered to.
- c. Plan for rehabilitation of disturbed areas no longer needed for operations after construction is complete:
 - (1) The reserve pit will be fenced. When the reserve pit is dry, the pit will be backfilled and the fence will be removed.
 - (2) The area of the drill site not needed for production operations, including the reserve pit, will be recontoured to the natural level. The topsoil will be redistributed and will be reseeded with a recommended BLM seed mixture.

5. Location and Type of Water Supply:

- a. The well will be drilled with fresh water obtained from Poison Creek, a stream located approximately 1/2 mile from the proposed well location. The stream is located on private surface which is owned by Lyman Grazing Association, P. O. Box 458, Lyman, Wyoming.
- b. The water will be hauled by truck or pumped to the location along the proposed access road and existing road.
- c. No water well is proposed.

6. Source of Construction Materials:

- a. The proposed location will utilize soil material which is on the location. Gravel materials will be used on the access road and wellsite. No other construction materials should be necessary.
- b. Topsoil will be stockpiled at the wellsite for restoration purposes. The soil material will be obtained from the immediate area of the drilling operations and will be used to fill in the low areas. (See Attachment Nos. 8 and 9)

7. Methods for Handling Waste Disposal:

- a. The reserve pit will not be lined. Cuttings will be buried in the reserve pit. Prior to drilling, the reserve pit will be fenced on three sides with four strands of barbed wire.
- b. Drilling fluids will be disposed of in the reserve pit. The water will be allowed to evaporate and the remaining solids will be buried.
- c. In the event of a producing well, produced fluids will be handled in a tank battery on the location. Produced water will be disposed of in accordance with NTL-2B.
- d. Chemical toilets will be utilized.
- e. Garbage and other waste material will be disposed of in a portable trash cage which will be completely enclosed with small mesh wire. The trash will be hauled to an approved landfill or incinerated off-site.
- f. If burning is required, a burning permit will be obtained from the County Fire Warden.
- g. When the rig moves out, all extraneous material will be disposed of as garbage or hauled to town. When the pits have dried, they will be backfilled and recontoured.

8. Ancillary Facilities:

No camps or airstrips will be needed.

9. Well Site Layout: (See Attachment Nos. 8, 9, and 10)

- a. Maximum cut will be 15-1/2 feet. Maximum fill will be 11 feet. Depending on the size of the drilling rig, the well site dimensions will be reduced and therefore the maximum cut will be reduced.
- b. No camp facilities will be installed; however, several trailer houses will be on location for company personnel.
- c. The pits will not be lined.

10. Plans for Restoration of Surface:

a. Backfilling, leveling, contouring, and waste disposal:

After the reserve pit is dry, the pits and unused portion of the location will be backfilled, leveled, and contoured to the natural level. The topsoil will be redistributed over the area.

b. Revegetation and rehabilitation:

The location will be reseeded with a recommended BLM seed mixture as per BLM specifications. A rehabilitation plan has been approved by the private landowner, Lyman Grazing Association, Lyman, Wyoming, and a copy is attached (Attachment No. 11). Mr. Ayre, representing Lyman Grazing Association, agreed to notify Mr. Dan Washington of the BLM, Salt Lake City, Utah, by phone and/or letter as soon as damages have been settled.

c. Care of pits prior to rig release:

Prior to rig release, pits will be fenced and so maintained until cleanup.

d. If oil is on the pit, it will be removed.

e. Immediately following the completion of operations, cleanup will commence. As soon as the pit is completely dry, the pit will be filled and cleanup finalized. Seed will be broadcast in the fall of the year.

11. Surface Ownership:

The land is privately owned by Lyman Grazing Association, P. O. Box 458, Lyman, Wyoming.

12. Other Information:

a. Topography, soil characteristics, geologic features, etc:

The location lies on a broad ridge. The soils are shallow and are composed of a dark brown to tan sandy loam, mixed with gravel and cobbles. Vegetation cover is composed primarily of Lodgepole pine, aspen, common juniper, sage, forbs and native grasses. Slopes vary from 2% to 35% grades. Elevation ranges from 8585' to 8805'.

b. Other surface-use activities and surface ownership of all involved lands:

The surface is used for livestock grazing and is privately owned by Lyman Grazing Association.

c. Proximity of water, occupied dwellings, archeological, historical or cultural sites:

There are numerous small ponds in the general area. Poison Creek lies approximately 1/2 mile to the west, and several unnamed intermittent streams lie to the east of the proposed location. There are no large reservoirs or occupied dwellings in the immediate area.

An archeological survey has been made and a copy is attached.

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 presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Union Oil Company of California and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

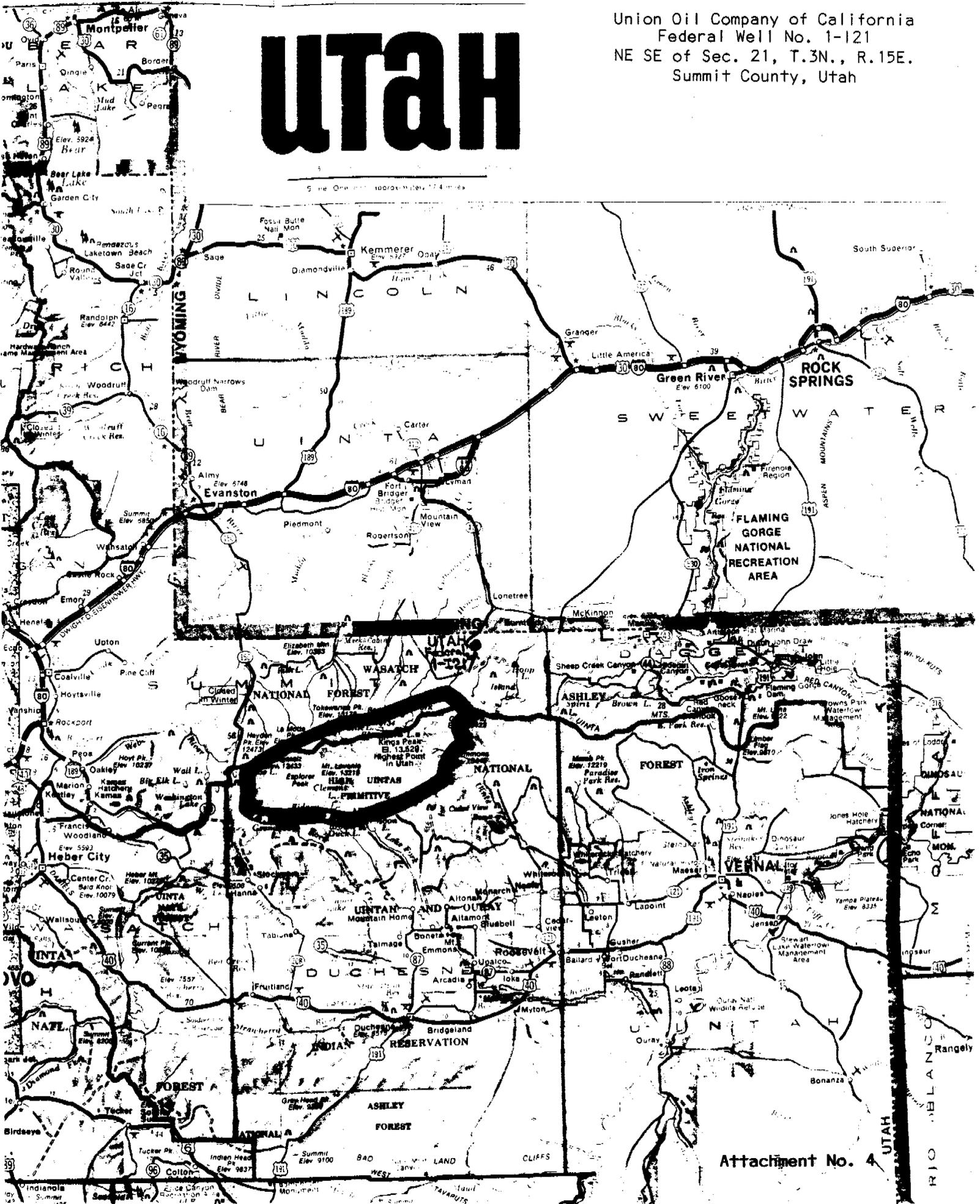
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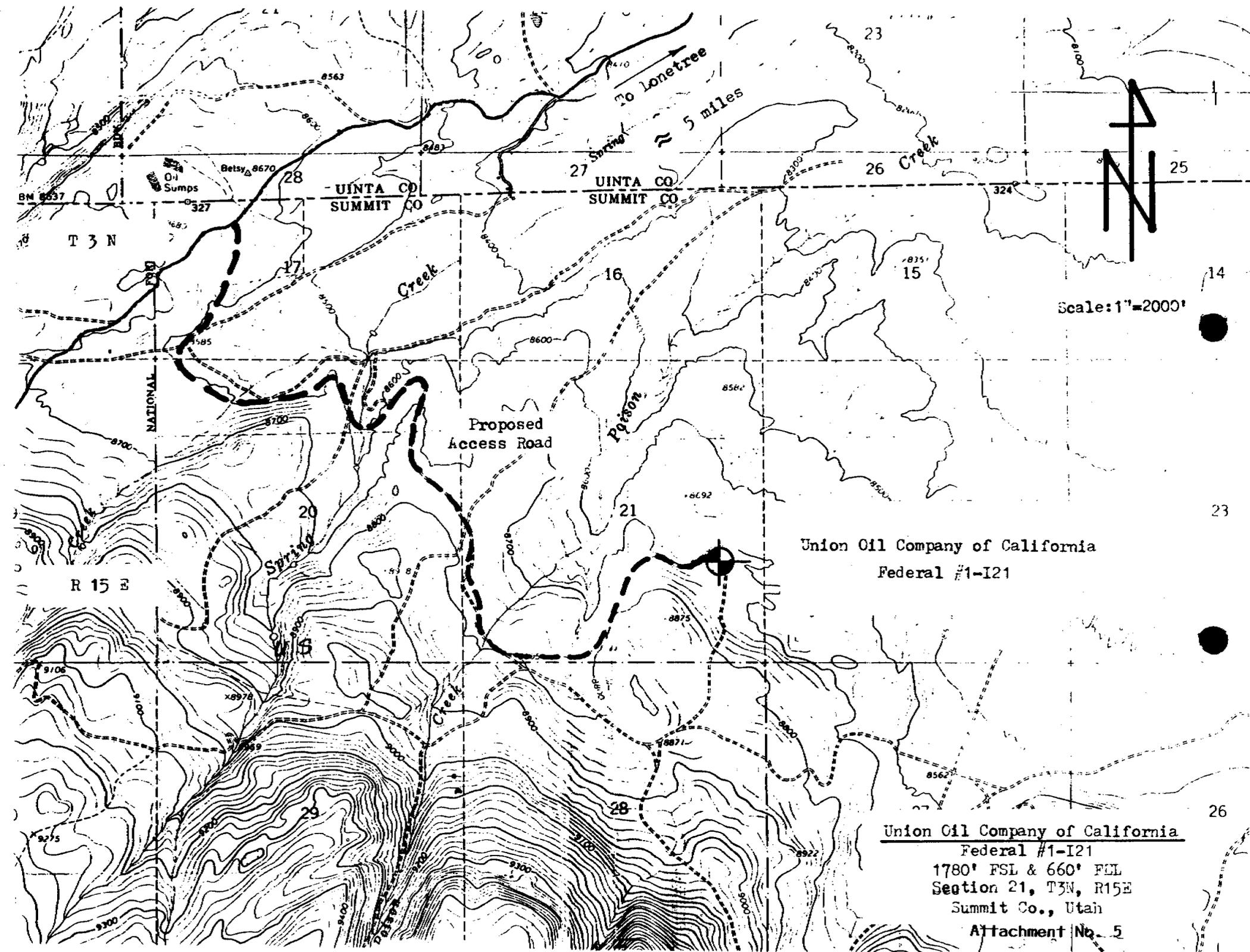
Date


District Drilling Superintendent

UTAH

Union Oil Company of California
 Federal Well No. 1-121
 NE SE of Sec. 21, T.3N., R.15E.
 Summit County, Utah

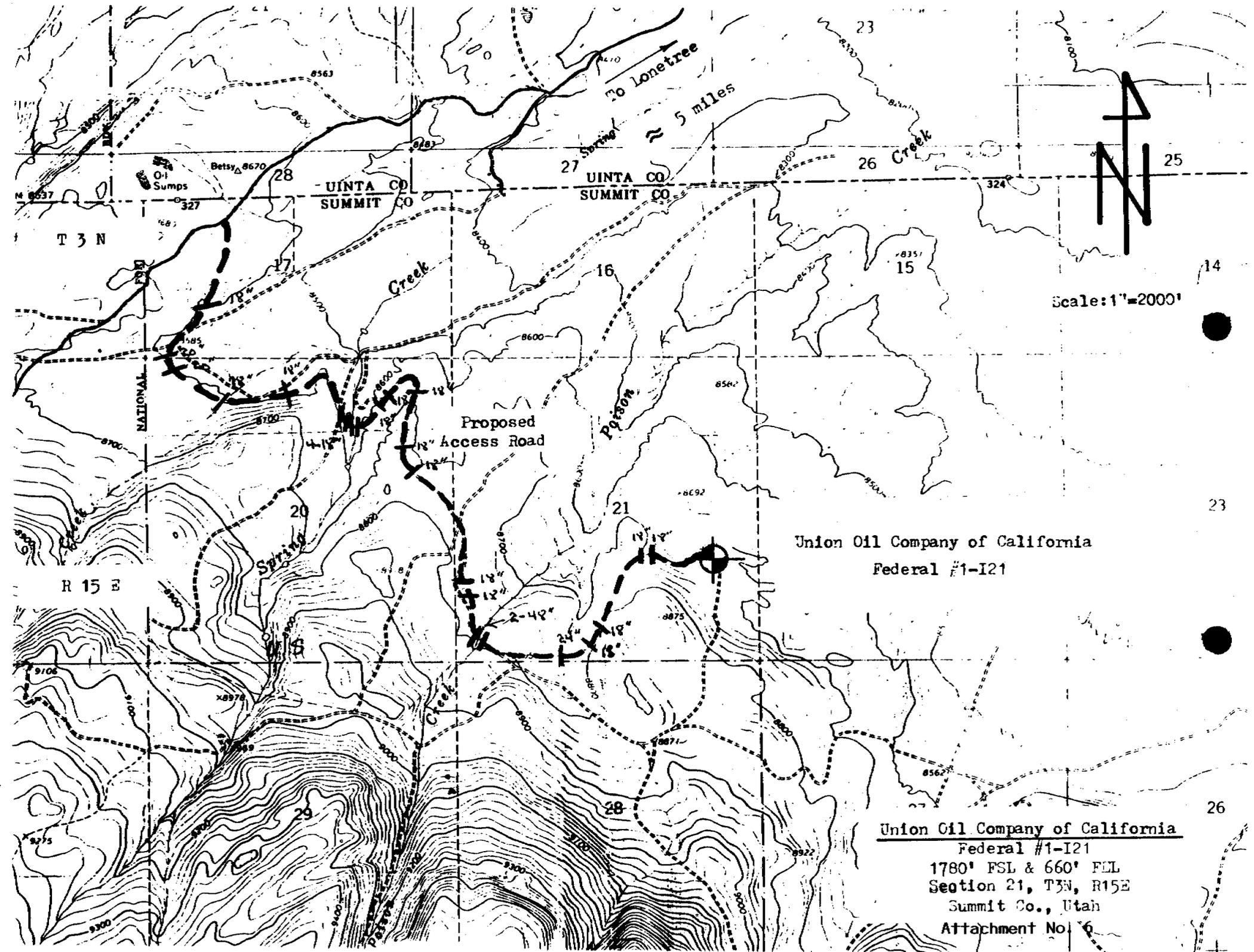




Scale: 1"=2000'

Union Oil Company of California
Federal #1-I21

Union Oil Company of California
Federal #1-I21
1780' FSL & 660' FLL
Section 21, T3N, R15E
Summit Co., Utah
Attachment No. 5



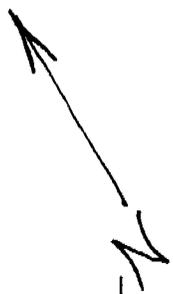
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Union Oil Company of California
Federal #1-I21

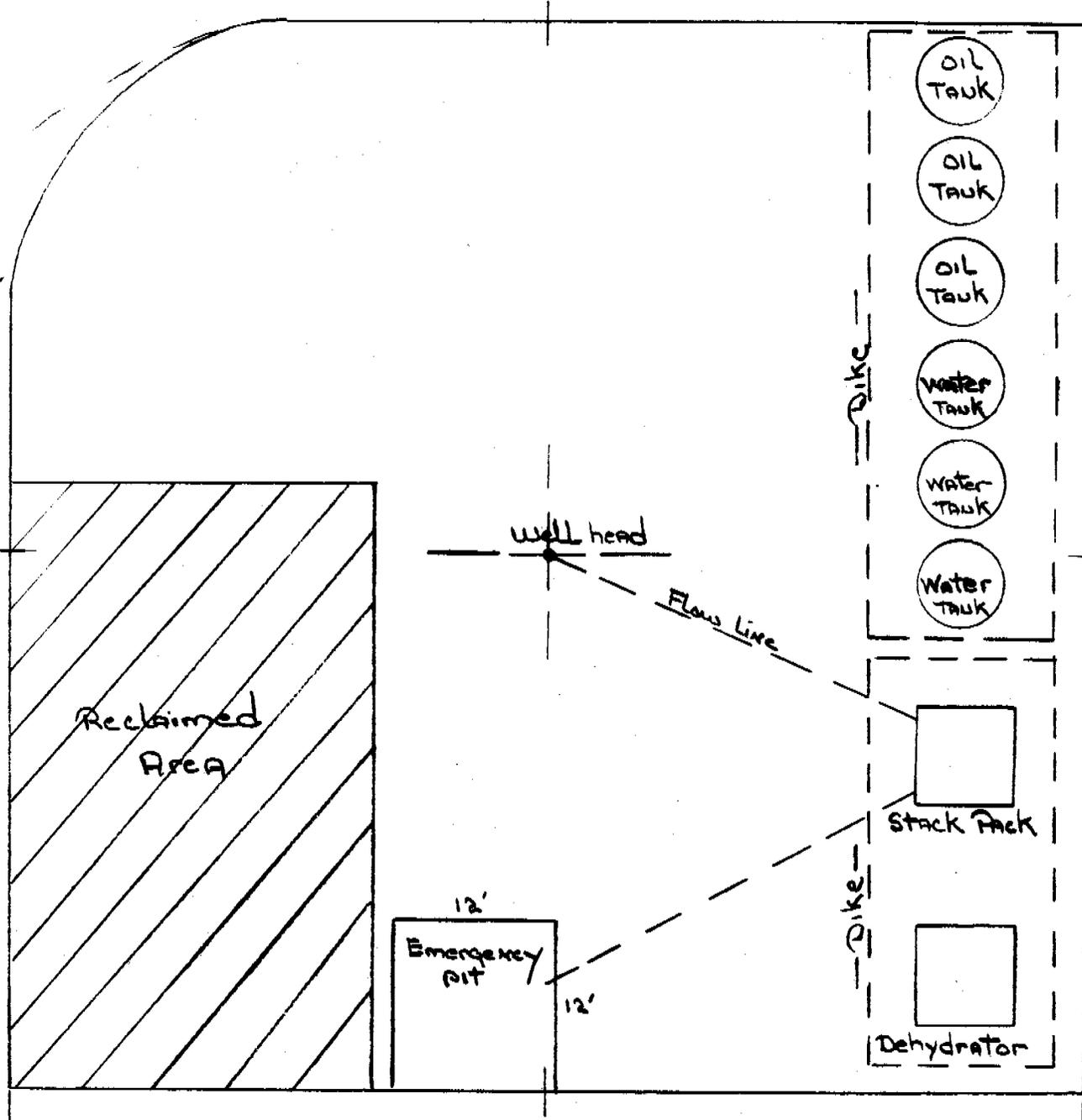
Union Oil Company of California
Federal #1-I21
1780' FSL & 660' FEL
Section 21, T3N, R15E
Summit Co., Utah
Attachment No. 6

Union Oil Company of California
Federal Well No. 1-121
Summit County, Utah

Production Facilities



ACCESS ROAD



Federal #1-I21
1780' FSL & 660' FEL
Section 21, T3N, R15E
Summit Co., Utah

Cross Sections

Centerline Location

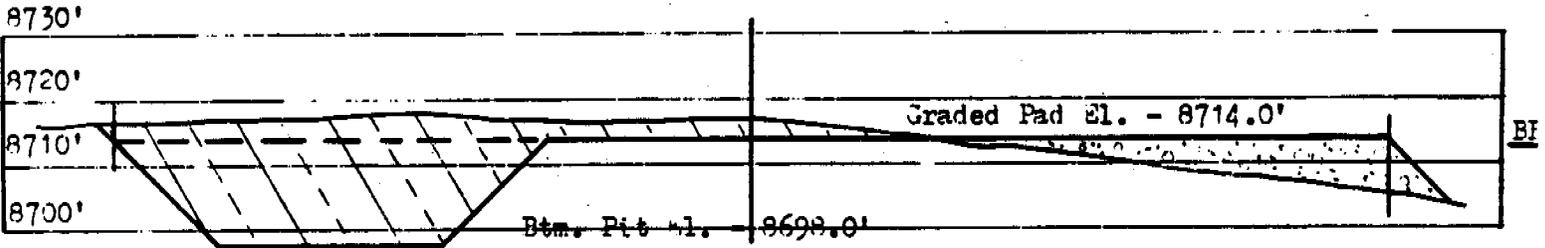


Quantities:

Topsoil - 3,500 cu. yds.
 Cut - 23,000 cu. yds.
 Fill - 23,300 cu. yds.
 Fit - 12,400 cu. yds.

Notes:

Topsoil depth = 0.5'.
 C/F quantities calculated after topsoil removal.
 Slopes: Pit - 2:1
 Fill - 2:1
 Cut - 2:1



Scale:

Vert. - 1"=30'
 Horz. - 1"=60'

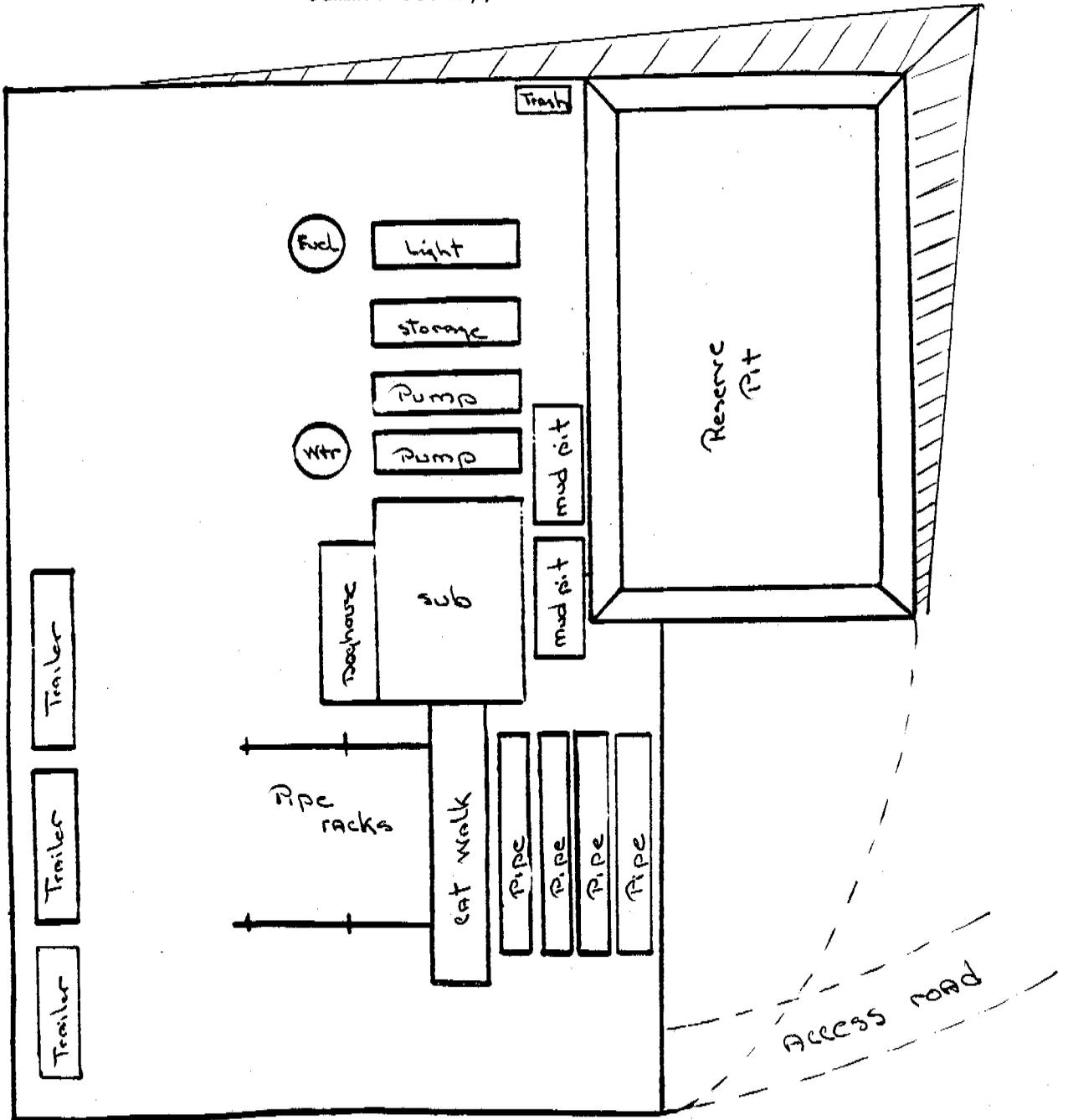
Cut 
 Fill 

Powers Elevation, Inc.

Prepared by: Ken Litus

Date: October 1, 1987

Union Oil Company of California
Federal Well No. 1-121
Summit County, Utah



REHABILITATION PLAN

Lease No.: (Fed) U-55715 ; Well Name and No.: Federal 1-121 ;
Location: 1780' FSL & 660' FEL , Sec. 21 , T. 3 N., R. 15 E.

Summit Co., UT Union Oil Company intends to drill a well on surface owned by Lyman Grazing Association. The lessee/operator agrees to complete the following rehabilitation work if the well is a producer:

Yes No Maintain access road and provide adequate drainage to road.

Yes No Reshape and reseed any area not needed for maintenance of the pump and support facilities.

Other requirements: _____

The following work will be completed when the well is abandoned:

Yes No Pit will be fenced until dry, then filled to conform to surrounding topography.

Yes No Water bars will be constructed as deemed necessary.

Yes No Site will require reshaping to conform to surrounding topography.

Yes No Entire disturbed area will be reseeded. If yes, the following seed mixture will be used:

Yes No Access road will be closed, rehabilitated and reseeded using the same seed mixture as above.

Yes No Access road will remain for surface owner's use.

Yes No Water bars will be constructed on the access road as deemed necessary.

Other requirements: Good well ^{be} restored as close as possible to original conditions

Surface Owner:

Name: Lyman Grazing Association
Address: P. O. Box 458
City: Lyman
State: WY
Telephone: (307) 782-7383
Date: 10-29-87

Operator/Lessee

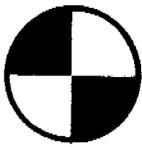
Name: Union Oil Company of California
Address: P. O. Box 2620
City: Casper
State: WY 82602-2620
Telephone: (307) 234-1563
Date: 10-23-87

I CERTIFY that the Rehabilitation Plan has been approved by me, the surface owner:

Lyman Grazing Assn
(Surface owner's signature)

by O. N. ... See

This plan covers rehabilitation requirements only and does not affect any other agreements between the lessee/operator and surface owner.



PROJECT IDENTIFICATION: A Class-I cultural resources survey for the following Union Oil Company of California, Federal #1-I21, Summit County, Utah; Bureau of Land Management, Salt Lake District.

ANTIQUITIES PERMIT NO: State of Utah: U-87-PA-643 PB

FILES SEARCH: A files search conducted with Ms. Liz Manion of the Utah Division of State History. No previous surveys or sites are previously reported within the sections encompassing the project area.

LOCATION: The well pad is located at 1,780' FSL and 660' FEL Section 21, T.3N., R.15E. The access road is located in the S1/2 of Section 21; the NE1/4 and the N1/2 of the NW1/4 of Section 20; and the W1/2 of Section 17, all in T.3N., R.15E.

MAP REFERENCE: Hole In The Rock and Gilbert Peak NE, 7.5', 1967.

DATE OF INVESTIGATION: October 5, 1987

PERSONNEL: Brian O'Neil, Field and Principal Investigator.

PROPOSED ACTION: The proposed action is the construction of a well pad and access road. The disturbance area of the well pad is expected to be approximately 400 by 400 ft. The disturbance area of the access road is expected to be approximately 30 ft by 3.8 miles. The total disturbance area is expected to be approximately 13.8 acres.

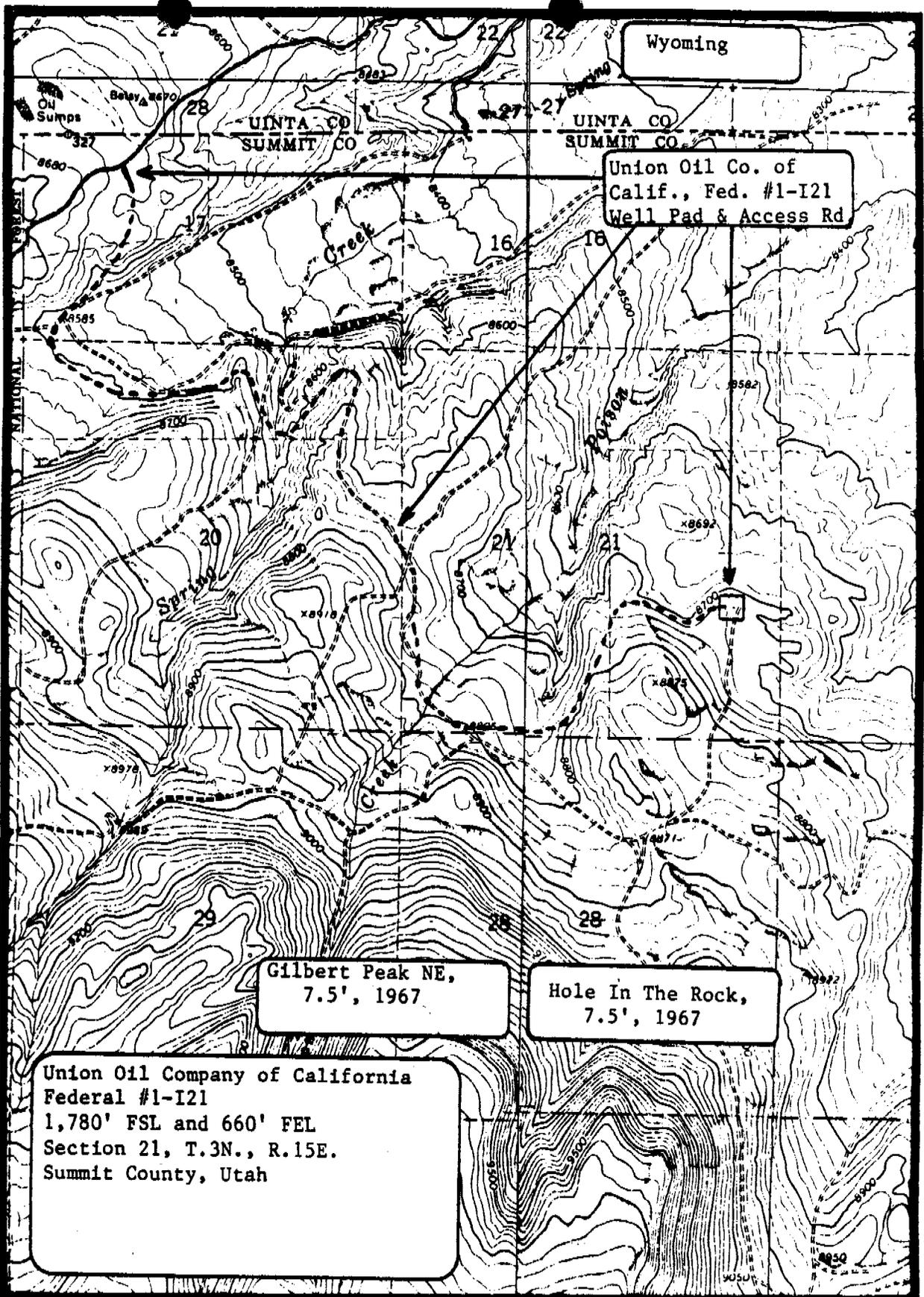
ENVIRONMENT: The area is characterized by the Tertiary age Bridge Formation located in the southern portion of the Bridger Basin in southwestern Wyoming. The project is situated atop a broad interfluvial ridge which lies between Poison Creek, approximately 0.25 miles to the west, and several unnamed intermittent streams to the east of the proposed well location. Numerous small hills and depressions are present, formed by Quaternary glacial deposits. The soils are shallow and are composed of a dark brown to tan sandy loam mixed with gravels and cobbles. There are numerous ponds in the general area, and water accumulates in them from snow melt. Vegetation cover ranges from approximately 80 to 99% and is composed primarily of Lodgepole pine, and aspen, with an understory of common juniper, kinnickinick, sage, forbs and native grasses along with pine duff. Ground visibility is poor. Slopes are variable from 2 to 40% grades. Elevation within the project area ranges from 8,585 to 8,805 ft.

Union Oil Company of California
Federal #1-I21
page 2

RESULTS, CONTINUED: The files search revealed no previously recorded sites or surveys known within the proposed project area. Numerous other Class-III projects performed by Powers Elevation archaeological personnel within five miles to the west, northwest and north have indicated a relatively low site density, except in areas within 0.5 miles of the Henry's Fork River. These sites appear to range in age from the Archaic through the Late Prehistoric periods.

Brian O'Neil 10/13/87
Brian O'Neil Date
Principal Investigator

BO:sr



Wyoming

UINTA CO
SUMMIT CO

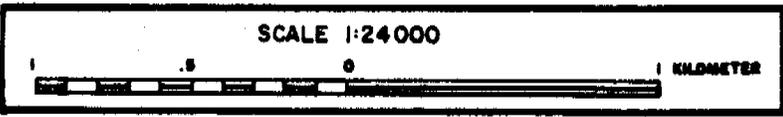
UINTA CO
SUMMIT CO

Union Oil Co. of
Calif., Fed. #1-I21
Well Pad & Access Rd

Gilbert Peak NE,
7.5', 1967

Hole In The Rock,
7.5', 1967

Union Oil Company of California
Federal #1-I21
1,780' FSL and 660' FEL
Section 21, T.3N., R.15E.
Summit County, Utah



STATE ACTIONS

Mail to:
RDCC Coordinator
116 State Capitol
Salt Lake City, Utah 84114

1. ADMINISTERING STATE AGENCY OIL, GAS AND MINING 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, UT 84180-1203	2. STATE APPLICATION IDENTIFIER NUMBER: (assigned by State Clearinghouse)
4. AREAWIDE CLEARING HOUSE(S) RECEIVING STATE ACTIONS: (to be sent out by agency in block 1) Mountainlands Association of Governments	3. APPROXIMATE DATE PROJECT WILL START: June 1, 1988
5. TYPE OF ACTION: // Lease /X/ Permit // License // Land Aquisition // Land Sale // Land Exchange // Other	
6. TITLE OF PROPOSED ACTION: Application for Permit to Drill	
7. DESCRIPTION: Union Oil Company of California proposes to drill a wildcat well, the Federal 1-I21, on federal lease number U-55715 in Summit County, Utah. This action is being presented to RDCC for consideration of resource issues affecting state interests. The U.S. Bureau of Land Management is the primary administrative agency in this case and must issue approval to drill jointly with DOGM before operations can commence.	
8. LAND AFFECTED (site location map required) (indicate county) NE/4, SE/4, Section 21, Township 3 North, Range 15 East, Summit County, Utah	
9. HAS THE LOCAL GOVERNMENT(S) BEEN CONTACTED? Unknown	
10. POSSIBLE SIGNIFICANT IMPACTS LIKELY TO OCCUR: Degree of impact is based on the discovery of oil or gas in commercial quantities.	
11. NAME AND PHONE NUMBER OF DISTRICT REPRESENTATIVE FROM YOUR AGENCY NEAR PROJECT SITE, IF APPLICABLE: Glenn Goodwin, Salt Lake City, 538-5340	
12. FOR FURTHER INFORMATION, CONTACT: John Baza PHONE: 538-5340	13. SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL <i>John R. Baza</i> DATE: 1-12-88 Petroleum Engineer

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse)

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: 1780' FSL & 660' FEL (NE SE)
At proposed prod. zone: 1780' FSL & 660' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 39 miles southeast of Mountain View, Wyoming

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
1,835.67

17. NO. OF ACRES ASSIGNED TO THIS WELL
320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
None

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
8717' GR (Ungraded)

5. LEASE DESIGNATION AND SERIAL NO.
U-55715

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

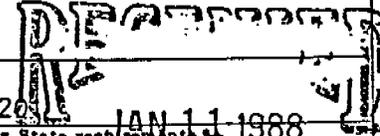
9. WELL NO.
1-I21

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21, T.3N., R.15E.

12. COUNTY OR PARISH 13. STATE
Summit Utah

22. APPROX. DATE WORK WILL START*
June 1, 1988



24. SIGNED [Signature] TITLE District Drilling Supt. DATE 1-8-88
R. G. Ladd, Jr.

(This space for Federal or State office use)

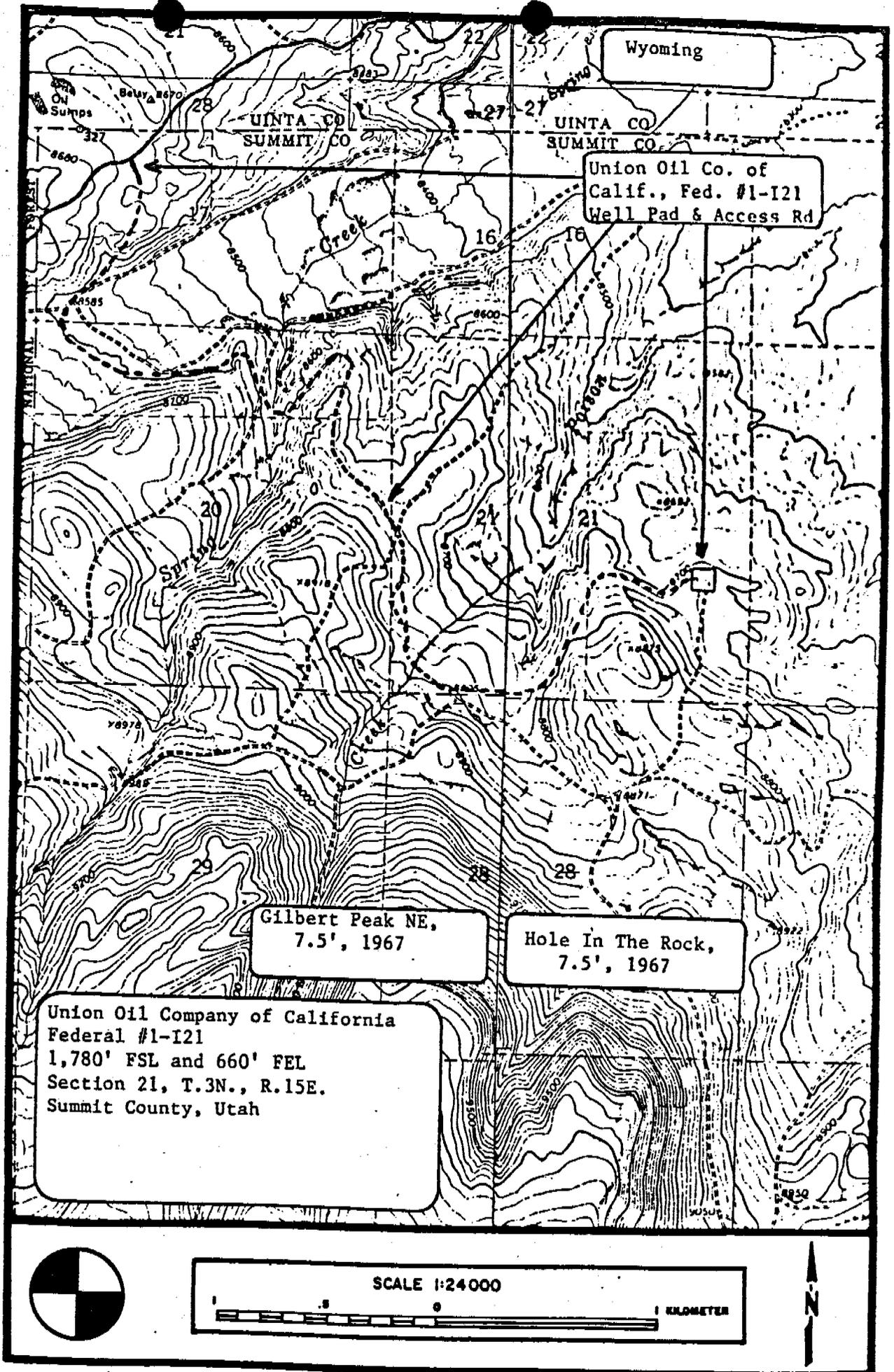
PERMIT NO. _____ APPROVAL DATE _____

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

CONFIDENTIAL

*See Instructions On Reverse Side

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



CONFIDENTIAL

021905

OPERATOR Union Oil Co. of California DATE 1-12-88

WELL NAME Federal 1-I21

SEC NE SE 21 T 3 N. R 15 E. COUNTY Summit

43-043-30289
API NUMBER

Fed.
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well in Sec. 21 or 22.

Need water permit

RDCC - OK

CONFIDENTIAL
PERIOD
EXPIRED
ON 3-3-90

APPROVAL LETTER:

SPACING:

R615-2-3

UNIT

R615-3-2

CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

1- Water



State of Utah

Division of State History
(Utah State Historical Society)
Department of Community and Economic Development

Norman H. Bangertter
Governor

Max J. Evans
Director

300 Rio Grande
Salt Lake City, Utah 84101-1182

29 January 1988

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

RE: Union Oil Company Federal 1-121 Wildcat Well, Summit County, Utah

In Reply Please Refer to Case No. K846

Dear Mr. Baza:

The staff of the Utah State Historic Preservation Office has reviewed the State Actions form for the above referenced action. Our records indicate that a Class I level cultural resource survey has occurred for this proposed access road and well site. This research, conducted by Powers Elevation Company, Inc. (Project No. U87-PA-643p,b), apparently constituted only a search of our records for known surveys and sites. Our records indicated that no previously recorded sites were present along the proposed access road and at the well pad site. It appears that no on-the-ground survey was conducted. We have no additional information concerning the site of this proposed project.

The above is provided on request as outlined by 36 CFR 800 or Utah Code, Title 63-18-37. If you have questions or need additional assistance, please contact Charles Shepherd at (801) 533-7039, or 533-6017.

Sincerely,

A. Kent Powell
Deputy State Historic Preservation Officer

CMS:jrc:K846/5107V SCR

cc: Shelly Smith, Salt Lake District Office, Bureau of Land Management,
2370 South 2300 West, Salt Lake City, Utah 84119

cc: Chairperson, Resource Development Coordinating Committee, State Planning
Office, 118 State Capitol, Salt Lake City, Utah 84114 (SAI UT880133-010)



February 11, 1988

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

Gentlemen: N1030

Re: Federal 1-I21 - NE SE Sec. 21, T. 3N, R. 15E - Summit County
1780' FSL, 660' FEL

Approval to drill the referenced well is hereby granted in accordance with Rule R615-3-2, Oil and Gas Conservation General Rules, 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 as required by Chapter 3, Title 73, Utah Code Annotated.

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 of an Entity Action Form to the Division within five working days of the time that the well is spudded or a change in operations or interests necessitates a change in entity status.
3. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
4. 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) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.

Page 2
Union Oil Company of California
Federal 1-I21
February 11, 1988

5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.
6. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. 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 43-043-30289.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals
D. R. Nielson
8159T

D Staley

IN REPLY REFER TO:

CONFIDENTIAL



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
SALT LAKE DISTRICT OFFICE
2370 South 2300 West
Salt Lake City, Utah 84119

3160
O&G 8801
U-55715
(U-026)

RECEIVED
JUN 3 1988

DIVISION OF
OIL, GAS & MINING

1 JUN 1988

Diane R. Nielson
Division of Oil, Gas, and Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Dear Diane:

Enclosed is a copy of the approved APD fact sheet and a location plat for Union Oil Company of California's Henry's Fork Federal No. 1-I21, NESE, Section 21, T3N, R15E, Summit County, Utah. If you have any questions concerning this matter, please feel free to contact Dan Washington of my staff at (801) 524-4458.

Sincerely yours,

Deane H. Zeller
Deane H. Zeller
District Manager

Enclosures (2)
1-APD Fact Sheet
2-Location Plat

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*

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

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK

DRILL

DEEPEEN

PLUG BACK

B. TYPE OF WELL

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

DIVISION OF

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

At surface

1780' FSL & 660' FEL (NE SE)

At proposed prod. zone

1780' FSL & 660' FEL

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

Approximately 39 miles southeast of Mountain View, Wyoming

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

1,835.67

17. NO. OF ACRES ASSIGNED TO THIS WELL

320

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

None

19. PROPOSED DEPTH

15,600'

20. ROTARY OR CABLE TOOLS

Rotary

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

8717' GR (Ungraded)

22. APPROX. DATE WORK WILL START*

June 1, 1988

RECEIVED JUN 3 1988

ON-GAS MINING

24. SIGNED [Signature] TITLE District Drilling Supt. DATE 1-8-88

(This space for Federal or State office use)

PERMIT NO. 43-043-30289 APPROVAL DATE 1 JUN 1988

APPROVED BY [Signature] TITLE District Manager DATE 6-1-88

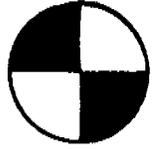
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

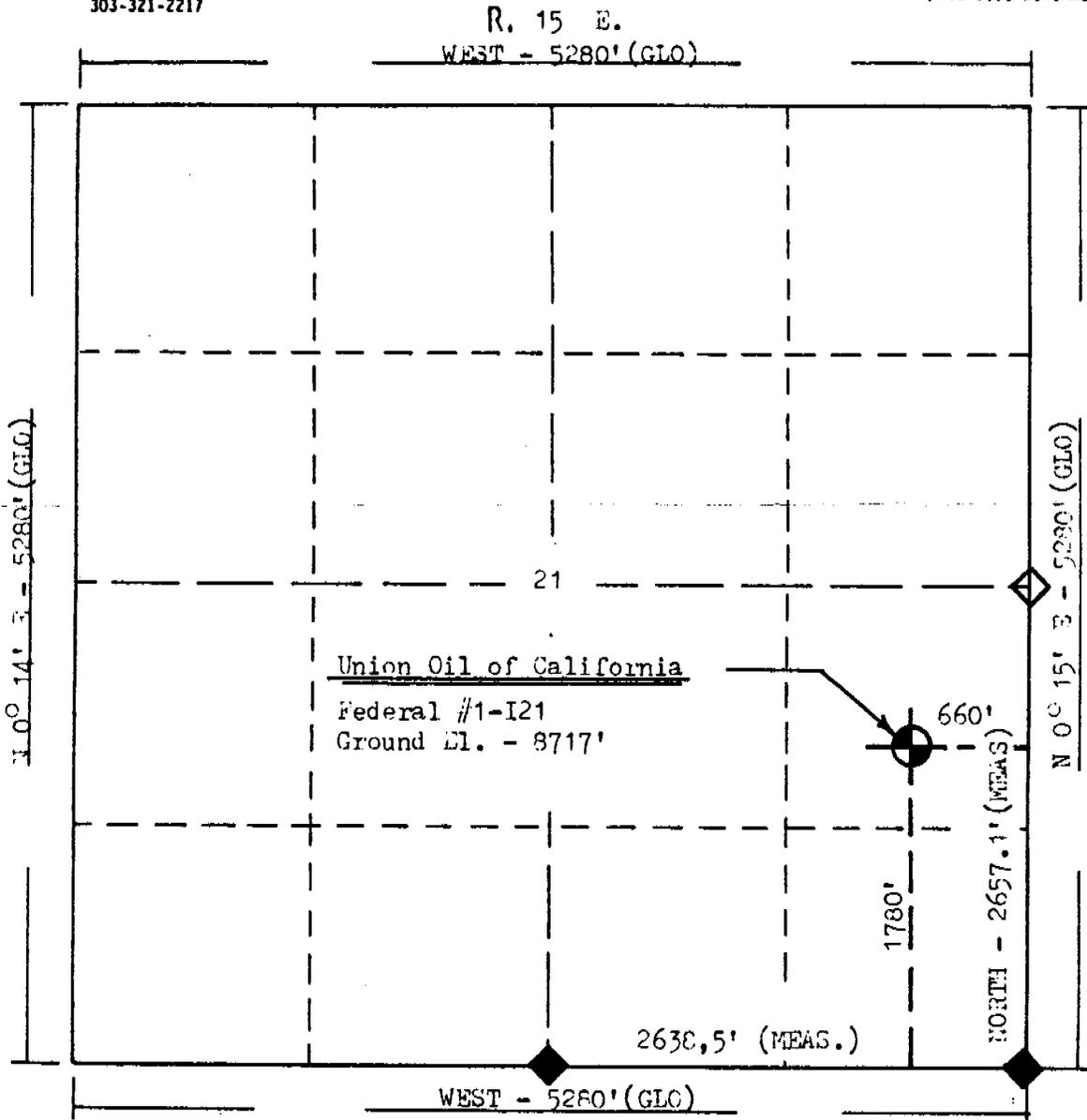
CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

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

*See Instructions On Reverse Side



BASIS of BEARING: west on the south line of the southeast quarter, section 21.



T. 3 N.

◆ - Indicates pipe corners found.



◇ - Indicates stone corners found.

Powers Elevation, Inc. of Denver, Colorado has in accordance with a request from Ralph Ladd for Union Oil Company of California determined the location of Federal #1-I21 to be 1780' EBL & 660' NEL Section 21, Township 3 North, Range 15 East of Salt Lake Base & Meridian, Summit County, Utah.

I hereby certify that this plat is an accurate representation of a correct survey showing the location of Federal #1-I21.

Date: October 1, 1937

T. Nelson
Licensed Land Surveyor No. 2711
State of Utah

DTS ✓

WATER PERMIT
41-3409
T 63270

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API #43-043-30289

NAME OF COMPANY: UNION OIL COMPANY OF CALIFORNIA

WELL NAME: FEDERAL 1-121

SECTION NE SE 21 TOWNSHIP 3N RANGE 15E COUNTY SUMMIT

DRILLING CONTRACTOR NOBLE

RIG # N-116

SPUDDED: DATE 7-10-88

TIME 10:00 PM

HOW Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Peg

TELEPHONE # 307-234-1563 (ext. 182)

DATE 7-11-88 SIGNED _____ AS _____

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

5. LEASE DESIGNATION AND SERIAL NO.
U-55715

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.)

CONFIDENTIAL

RECEIVED
JUN 6 1988

DIVISION OF
OIL, GAS & MINING

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> (Proposed Well)	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Union Oil Company of California	8. FARM OR LEASE NAME Federal
3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, WY 82602-2620	9. WELL NO. 1-121
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations. See also space 17 below.) At surface 1780' FSL & 660' FEL (NE SE)	10. FIELD AND POOL, OR WILDCAT Wildcat
14. PERMIT NO. 43-043-30289	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8717' GR (Ungraded)
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 21, T.3N., R.15E.
	12. COUNTY OR PARISH Summit
	13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" 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.)*

Union Oil Company proposes to make the following changes in the proposed drilling program for Federal Well No. 1-121:

1. Run and cement 20" conductor at 90' instead of at 120', using Redimix cement.
2. Run and cement 13-3/8", 54.5#, K-55, ST&C, new, surface casing at 1500', instead of at 500', with ±500 sacks cement.
3. If drilling conditions warrant, run and cement 9-5/8", 47#, S-95 and N-80, LT&C, new, intermediate casing at 12,250', instead of at 10,500', with ±600 sacks cement.
4. See revised Attachment No. 8 for change in access road.

Note: The above changes were discussed with Dan Washington, BLM, Salt Lake City, Utah, on 6-2-88.

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

SIGNED John R. Underhill TITLE District Drilling Supt. DATE 6-3-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY: _____

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

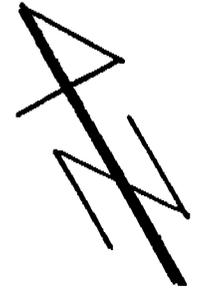
*See Instructions on Reverse Side DATE: 6-9-88

Federal approval of this action is required before commencing operations.

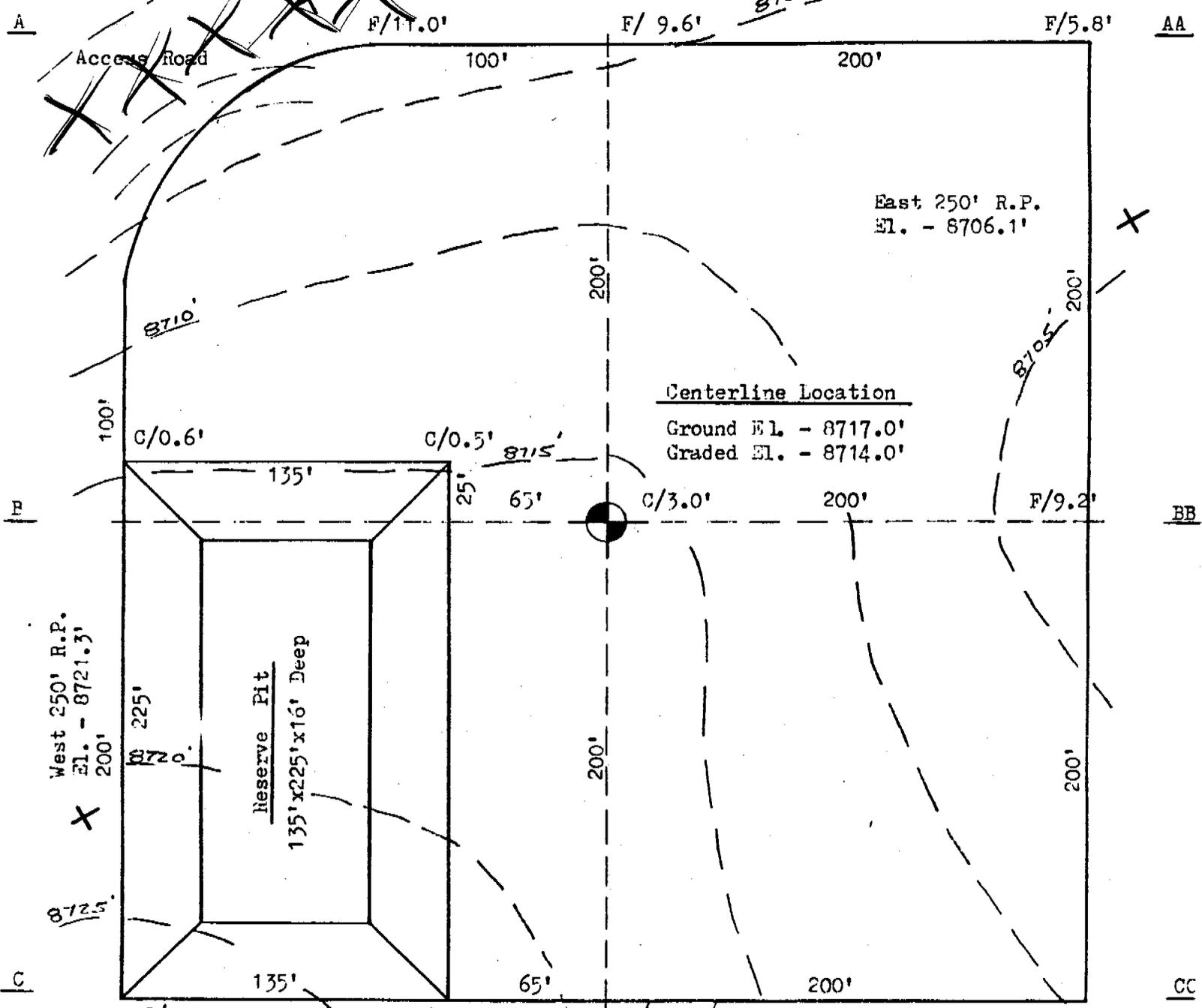
Union Oil Company of California

Federal #1-121
1780' FSL & 660' FEL
Section 21, T3N, R15E
Summit Co., Utah

Fad Layout



North 250' R.P.
El. - 8792.4'



West 250' R.P.
El. - 8721.3'

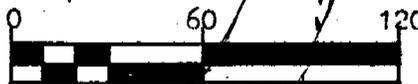
East 250' R.P.
El. - 8706.1'

Centerline Location

Ground EL. - 8717.0'
Graded EL. - 8714.0'

Fowers Elevation, Inc.

Prepared by: Ken Litus
Date: October 1, 1987



Scale in Feet

South 250' R.P.
El. - 8713.7'

Topsoil Stockpile

Revised Attachment No. 8

Proposed New Access Road

DRR 6/3/88

RECEIVED
JUN 17 1988

RECEIVED
FILING FOR WATER IN THE
STATE OF UTAH JUN 10 2 1988

Rec. by JB
Fee Rec. 30-00
Receipt # 24314
Microfilmed _____
Roll # _____

DIVISION OF
OIL, GAS & MINING

WATER RIGHTS
APPLICATION TO APPROPRIATE WATER

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of Title 73, Chapter 3 of the Utah Code, annotated (1953, as amended).

CONFIDENTIAL

WATER RIGHT NO. 41 - 3409 * APPLICATION NO. T 63270

1. *PRIORITY OF RIGHT: 05-31-1988 * FILING DATE: 5-31-1988

2. OWNER INFORMATION

Name(s): Union Oil Company of California * Interest: _____ %

Address: P. O. Box 2620

City: Casper State: WY Zip Code: 82602-2620

Is the land owned by the applicant? Yes _____ No X

(If "No", please explain in EXPLANATORY section.)

3. QUANTITY OF WATER: _____ cfs and/or approx. 6 ac-ft

4. SOURCE: Poison Creek * DRAINAGE: _____

which is tributary to _____

which is tributary to _____

POINT(S) OF DIVERSION: 5 mi from COUNTY: Summit Co., Utah

#1 Approx. 400' FWL of Sec. 21 #2 Approx. 2400' FWL of Sec. 21

Approx. 400' FSL of Sec. 21 Approx. 2125' FSL of Sec. 21

(All in T.3N., R.15E.) (See Attached Map)

Description of Diverting Works: Pump and/or haul by truck out of small collecting

* COMMON DESCRIPTION: pond at Pt. #1 or Pt. #2.

5. POINT(S) OF REDIVERSION

The water will be rediverted from _____ None _____ at a point:

Description of Rediverting Works: _____

6. POINT(S) OF RETURN

The amount of water consumed will be _____ None _____ cfs or _____ ac-ft

The amount of water returned will be _____ cfs or _____ ac-ft

The water will be returned to the natural stream/source at a point(s): _____

7. STORAGE

Reservoir Name: None Storage Period: from _____ to _____

Capacity: _____ ac-ft. Inundated Area: _____ acres

Height of dam: _____ feet

Legal description of inundated area by 40 acre tract(s): _____

* These items are to be completed by the Division of Water Rights

Appropriate

8. List any other water rights which will supplement this application None

9. NATURE AND PERIOD OF USE

Irrigation:	From _____	to _____
Stockwatering:	From _____	to _____
Domestic:	From _____	to _____
Municipal:	From _____	to _____
Mining:	From _____	to _____
Power:	From _____	to _____
Other:	From <u>6-25-88</u>	to <u>6-25-89</u>

10. PURPOSE AND EXTENT OF USE

Irrigation: _____ acres. Sole supply of _____ acres.
 Stockwatering (number and kind): _____
 Domestic: _____ Families and/or _____ Persons
 Municipal (name): _____
 Mining: _____ Mining District in the _____ Mine
 Ores mined: _____
 Power: Plant name: _____ Type: _____ Capacity: _____
 Other (describe): Oil/Gas Exploration (Drilling Rig)

11. PLACE OF USE

Legal description of place of use by 40 acre tract(s):
1780' FSL & 660' FEL (NE SE), Sec. 21, T.3N., R.15E., Summit Co., Utah.

 _____ 43-043-30289 _____

12. EXPLANATORY

The following is set forth to define more clearly the full purpose of this application. (Use additional pages of same size if necessary): Union Oil Company of California plans to drill the exploratory oil/gas well Federal No. 1-I21. Union proposes to use water for the drilling & completion operations obtained from Poison Creek. Union proposes to pump or haul water to the drilling site from either Pt. #1 or Pt. #2 on the attached map. The drilling/completion operations should not last more than six months, barring any unforeseen problems.

Mr. Darrel Eyre, representing Lyman Grazing Assoc. (the landowner), P. O. Box 458, Lyman, WY, has agreed to the use of the water from Poison Creek for the well.

The applicant(s) hereby acknowledges that he/she/they are a citizen(s) of the United States of America or intends to become such a citizen(s). The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purposes herein described. The undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained herein, at the time of filing, rests with the applicant(s).

Jim Benson
 Signature of Applicant(s)
 Jim Benson - District Drilling Engineer
 Union Oil Company of California
 P. O. Box 2620
 Casper, WY 82602-2620

MAY 21 1983
 DIVISION OF WATER RIGHTS
 WATER RIGHTS SECTION

STATE ENGINEER'S ENDORSEMENT

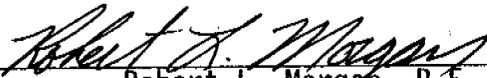
WATER RIGHT NUMBER: 41 - 3409

APPLICATION NO. T63270

1. May 31, 1988 Application received by RWL.
 2. June 1, 1988 Application designated for APPROVAL by RWL and KLJ.
 3. Comments:
-
-

Conditions:

This application is hereby APPROVED, dated June 16, 1988, subject to prior rights and this application will expire on June 16, 1989.


Robert L. Morgan, P.E.
State Engineer

Unocal Oil & Gas Division
Unocal Corporation
900 Werner Court, P.O. Box 2620
Casper, Wyoming 82602-2620
Telephone (307) 234-1563

RECEIVED
JUL 18 1988

UNOCAL 76

DIVISION OF
OIL, GAS & MINING

July 15, 1988

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

Utah Oil & Gas Conservation Commission
3 Triad Center - Ste. 350
355 W. North Temple
Salt Lake City, UT 84180-1203

Attn: Ron Firth
Director

Re: Request for Confidentiality
Federal Well No. 1-121
NE SE, Sec. 21, T.3N., R.15E.
Summit County, Utah

Lease No. U-55715

Gentlemen:

Union Oil Company of California requests that information regarding Federal Well No. 1-121 be kept confidential and withheld from open file for a 6-month period.

Very truly yours,

UNION OIL COMPANY OF CALIFORNIA



For: Jim Benson
District Drilling Engineer

JBB:pd

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Form approved.
Budget Bureau No. 1004-0-3
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
U-55715

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

Confidential Information

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
1780' FSL & 660' FEL (NE SE)

14. PERMIT NO.
API No. 43-043-30289

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
8717' GR (Ungraded)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
1-121

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21, T.3N., R.15E.

12. COUNTY OR PARISH
Summit

13. STATE
Utah

JUL 18 1988
DIVISION OF OIL, GAS & MINING

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) SPUD NOTICE

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.)*

MIRU Noble Drilling Corporation's rig No. N-116 on 7-10-88. Spudded 17-1/2" hole at 10:00 p.m., 7-10-88. Drilling ahead at 1121'.

CONFIDENTIAL

Note: Phoned in spud information to Leon Berggren, Bear River Resource Area Manager, BLM, Salt Lake City, Utah, on 7-11-88.

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

SIGNED John R. Underhill TITLE District Drilling Supt. DATE 7-15-88
For: John R. Underhill

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

*See Instructions on Reverse Side

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0-0000
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO. U-55715

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME _____

8. FARM OR LEASE NAME Federal

9. WELL NO. 1-I21

10. FIELD AND POOL, OR WILDCAT Wildcat

11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA Sec. 21, T.3N., R.15E.

12. COUNTY OR PARISH Summit 13. STATE Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

CONFIDENTIAL
RECEIVED
AUG 1 1988
DIVISION OF OIL, GAS & MINING

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 1780' FSL & 660' FEL (NE SE)

14. PERMIT NO. API No. 43-043-30289 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8717' GR (Ungraded)

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) SUPPLEMENTARY WELL HISTORY

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

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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.)*

Drilled to 1515'. Ran and cemented 32 jts. & 1 piece (1484.74') of 13-3/8", 54.5#, J-55, 8RD, ST&C, new, seamless casing at 1510.74' (top of float collar at 1460.56') with 1500 sacks of cement. Preceded cement with 80 bbls. 20 ppb LCM sweep and 5 bbls. fresh water. Displaced with 226 bbls. fresh water. Max. PDP 650 psi at 2 bpm. Bumped plug with 500 psi over; float did not hold. No returns throughout job. Plugged down and CIP at 11:00 a.m., 7-17-88. W.O.C. RIH with 1" line pipe to 205'. Pumped 200 sacks of cement with no returns to surface. CIP at 6:00 p.m., 7-17-88. POOH with 1" pipe. WOC. Pumped 20 sacks of hole plug down 20" x 13-3/8" annulus. RIH with 1" line pipe to 80' and tagged up. Pumped 100 sacks of cement from 80' to surface. Circulated 10 sacks of cement to pit. CIP at 1:50 a.m., 7-18-88.

Cut off 20" conductor and 13-3/8" casing. Tested welds to 1000 psi, O.K. N.U. BOP, hydril, and choke manifold, and tested to 5000 psi/15 mins., O.K. Tested hydril to 2500 psi/15 mins., O.K. Drilled soft to firm cement from 1435-1455'. Circulated hole clean. Pressure tested 13-3/8" casing to 1900 psi, O.K. Drilled plug, float collar, 46' feet firm cement, and guide shoe. Drilled to 1535' and circulated bottoms up. Performed formation leak-off test. Pumped fresh water at 1/4 bpm with 0-440 psi surface pressure with 3/4 bbl. pumped. Tested to 14 ppg mud equivalent. Drilling ahead at 3599'.

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

SIGNED John R. Underhill TITLE District Drilling Supt. DATE 7-25-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. LEASE DESIGNATION AND SERIAL NO.
U-55715

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER
Confidential Information

UNIT AGREEMENT NAME

2. NAME OF OPERATOR
Union Oil Company of California

7. FARM OR LEASE NAME
Federal

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

9. WELL NO.
1-I21

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
1780' FSL & 660' FEL (NE SE)

10. FIELD AND POOL, OR WILDCAT
Wildcat

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

Sec. 21, T.3N., R.15E.

14. PERMIT NO.
API No. 43-043-30289

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
8717' GR (Ungraded)

12. COUNTY OR PARISH 13. STATE
Summit Utah

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) SUPPLEMENTARY WELL HISTORY
(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.)*

Weekly Report: Drilling ahead at 6536' on 8-3-88.

CONFIDENTIAL

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

SIGNED *John R. Underhill*
John R. Underhill

TITLE District Drilling Supt.

DATE 8-3-88

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

RECEIVED
AUG 15 1988
DIVISION OF OIL, GAS & MINING
CONFIDENTIAL INFORMATION

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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"/>		5. LEASE DESIGNATION AND SERIAL NO. U-55715
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		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 1780' FSL & 660' FEL (NE SE)		8. FARM OR LEASE NAME Federal
14. PERMIT NO. API No. 43-043-30289	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8717' GR (Ungraded)	9. WELL NO. 1-121
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT Wildcat
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.)*		11. SBC, T., E., M., OR BLK. AND SURVEY OR AREA Sec. 21, T.3N., R.15E.
		12. COUNTY OR PARISH Summit
		13. STATE Utah

18. 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) SUPPLEMENTARY WELL HISTORY <input checked="" 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.)*

Weekly Report: Drilling ahead at 7907' on 8-11-88.

CONFIDENTIAL

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

SIGNED *John R. Underhill* TITLE District Drilling Supt. DATE 8-11-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

CONFIDENTIAL

*See Instructions on Reverse Side

ENTITY ACTION FORM - DOGM FORM 6

CONFIDENTIAL

OPERATOR Union Oil Company of California OPERATOR CODE N1030
 ADDRESS P. O. Box 2620
Casper, WY 82602-2620

RECEIVED
AUG 18 1988

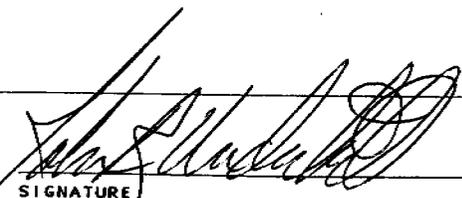
DIVISION OF
OIL, GAS & MINING

OPERATORS MUST COMPLETE FORM UPON SPUDDING NEW WELL OR WHEN CHANGE IN OPERATIONS OR INTERESTS NECESSITATES CHANGE IN EXISTING ENTITY NUMBER ASSIGNMENT.

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	10912	43-043-30289	Federal Well No. 1-I21	NE SE	21	3N	15E	Summit	7-10-88	
COMMENTS: New Well Federal-lease Field-wildcat Not in a Unit Proposed zone-Dakota (only well in section 21, assign new entity 10912 on 8-18-88 fcr)											
COMMENTS:											
COMMENTS:											
COMMENTS:											
COMMENTS:											
COMMENTS:											

- ACTION CODES: A - ESTABLISH NEW ENTITY FOR NEW WELL
 B - ADD NEW WELL TO EXISTING ENTITY
 C - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO ANOTHER EXISTING ENTITY
 D - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO A NEW ENTITY
 E - OTHER (EXPLAIN IN COMMENTS SECTION)

(SEE INSTRUCTIONS ON BACK OF FORM)


 SIGNATURE
 District Drilling Supt. 8-16-88
 TITLE DATE

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.)

RECEIVED
AUG 22 1988

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 well log.)
See also space 17 below.
At surface
1780' FSL & 660' FEL (NE SE)

5. LEASE DESIGNATION AND SERIAL NO.
U-55715

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
1-121

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21, T.3N., R.15E.

12. COUNTY OR PARISH
Summit

13. STATE
Utah

14. PERMIT NO.
API No. 43-043-30289

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
8717' GR (Ungraded)

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) <input checked="" type="checkbox"/> SUPPLEMENTARY WELL HISTORY	

(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.)*

Weekly Report: Drilling ahead at 9468' on 8-18-88.

CONFIDENTIAL

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

SIGNED John R. Underhill TITLE District Drilling Supt. DATE 8-18-88
(This space for Federal or State office use)

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

CONFIDENTIAL
*See Instructions on Reverse Side

DOUBLE JACK TESTING & SERVICES, INC.

B.O.P. Test Report

RECEIVED
AUG 23 1988

DIVISION OF
OIL, GAS & MINING

B.O.P. Test Performed on (date) 7-19-88

Oil Company Union Oil

Well Name & Number Federal Well 1 - 21

Section 21

Township 3N

Range 15E

County Summit, Ut.

Drilling Contractor Noble #116

Oil Company Site Representative Gillis

Rig Tool Pusher _____

Tested out of Evanston

Notified Prior to Test _____

Copies of This Test Report Sent to: Utah Oil & Gas

BLM

Site Representative

Original Chart & Test Report on File at: Evanston Office

Tested by: Double Jack Testing & Services, Inc.
108 Parkview Road
P.O. Box 2097
Evanston, Wyoming 82930

Double Jack Testing & Services Inc. FIELD TICKET

437 6121

P.O. Box 2097
Evanston, Wyoming 82930

DATE

7-19-88

RIG NAME & NO.

Noble 116

OPERATOR

Union Oil Co

307 789-9213

WELL NAME & NO.

Federal well 1*21

COUNTY

Condit

STATE

Utah

SECTION

21

TOWNSHIP

3 N

RANGE

15 E

ITEMS TESTED:

	LOW TEST	TIME HELD	HIGH TEST	TIME HELD	
Top Pipe Rams			5000psi	15 mins	Closing Unit psi 3000psi
Bottom Pipe Rams			5000psi	15 mins	Closing Time of Rams 4 secs
Blind Rams			5000psi	15 mins	Closing Time of Annular 10 sec
Annular B.O.P.			2500psi	15 mins	Closed Casing Head Valve
Choke Manifold			5000psi	15 mins	yes
Choke Line			5000psi	15 mins	Set Wear Sleeve yes
Kill Line			5000psi	15 mins	COMMENTS
Super Choke			5000psi	15 mins	
Upper Kelly			5000psi	15 mins	
Lower Kelly					
Floor Valve			5000psi	15 mins	
Dart Valve			5000psi	15 mins	

ADDITIONAL TESTS & COMMENTS:

note had to flush wa lines in manifold

TEST PLUG	12 Cameron	ALL
RET. TOOL	12 Cameron	ALL
TOP SUB.	4 1/2 IF	ALL
KELLY SUB.	4 1/2 IF	ALL
X-OVER SUB.	4 1/2 IF to 4 1/2 IF	ALL

RATES

UNIT RATES	700 ⁰⁰ for field testing	700 ⁰⁰
ADDITIONAL MILEAGE	120 miles out of Evanston at 1 ⁰⁰ per mile	120 ⁰⁰
METHANOL		
OTHER		

SUB TOTAL 820⁰⁰
TAX
TOTAL

J.R. Miller
CO. REP

Mark
TESTED BY

NOTICE TO ALL CUSTOMERS

This account shall not be paid when due and it is placed with an attorney for collection, or if suit be instituted for collection the undersigned agree(s) to pay in either case, reasonable expense of collection including attorney's fees and court cost in compliance with TRUTH IN LENDING AND THE UNIFORM CONSUMER CREDIT CODE, the following information disclosure. Under the terms of our regular accounts, all amounts for service due and payable within THIRTY (30) DAYS from the receipt of an invoice for such services A LATE CHARGE will be assessed when accounts are not paid when due PER LATE CHARGE is computed by a "periodic rate" 1-3/4% PER MONTH which is an ANNUAL PERCENT RATE OF 21% to the previous balance in the account on the billing date. Further credit can be extended on unpaid delinquent accounts until the delinquent account is paid in full. The contractor will hold liable for damages caused by the use of the work done as set forth.

COMPANY

LEASE AND WELL NAME #

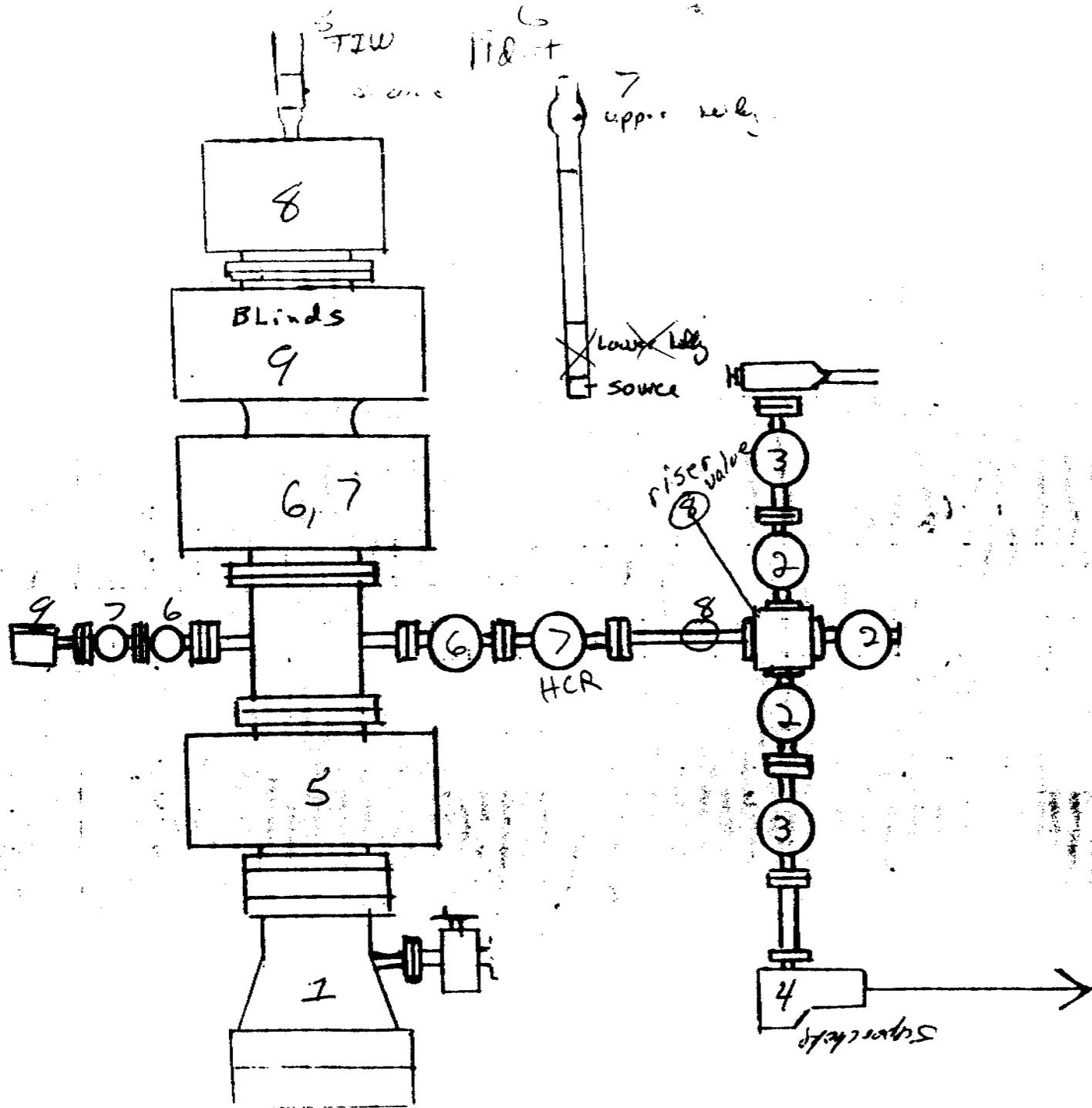
DATE OF TEST

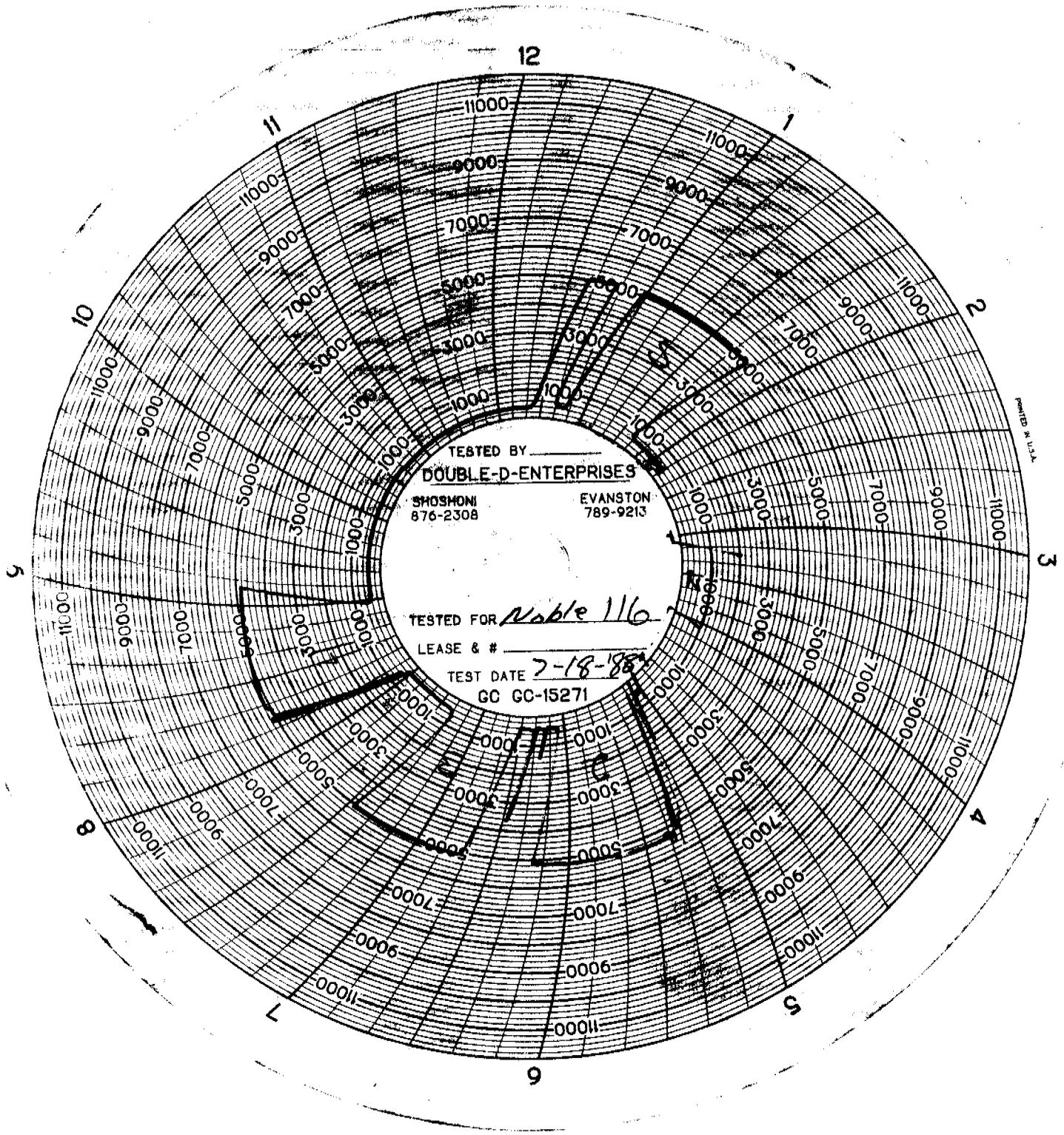
RIG # AND NAME

Union Oil

July 18, 1988 Noble 116

TIME	TIME	
1	10:30 A.M.	test well head to 1000 PSI for 15 min
2	5:50 P.M.	test inside 3 manifold values to 5000 PSI for 15 min
3	6:28	test next set of manifold values to 5000 PSI for 15 min
4	7:00	Test super choke to 5000 PSI for 15 min
5	8:31	Test lower pipe rams & TIW valve to 5000 PSI for 15 min
6	9:02	Test upper pipe rams - 1st valve - inside manual on kill line & inside manual on choke line to 5000 PSI for 15 min
7	9:42	test upper pipe rams - 2nd manual valve on kill line - HCR - upper Kelly to 5000 PSI for 15 min
8	11:10	test hydroil - 1st valve in manifold & 2nd kill line valve to 2500 PSI for 15 min
9	12:40 A.M.	Test blind rams - check valve on kill line to 5000 PSI for 15 min.





TESTED BY _____
DOUBLE-D-ENTERPRISES

SHOSHONI
876-2308

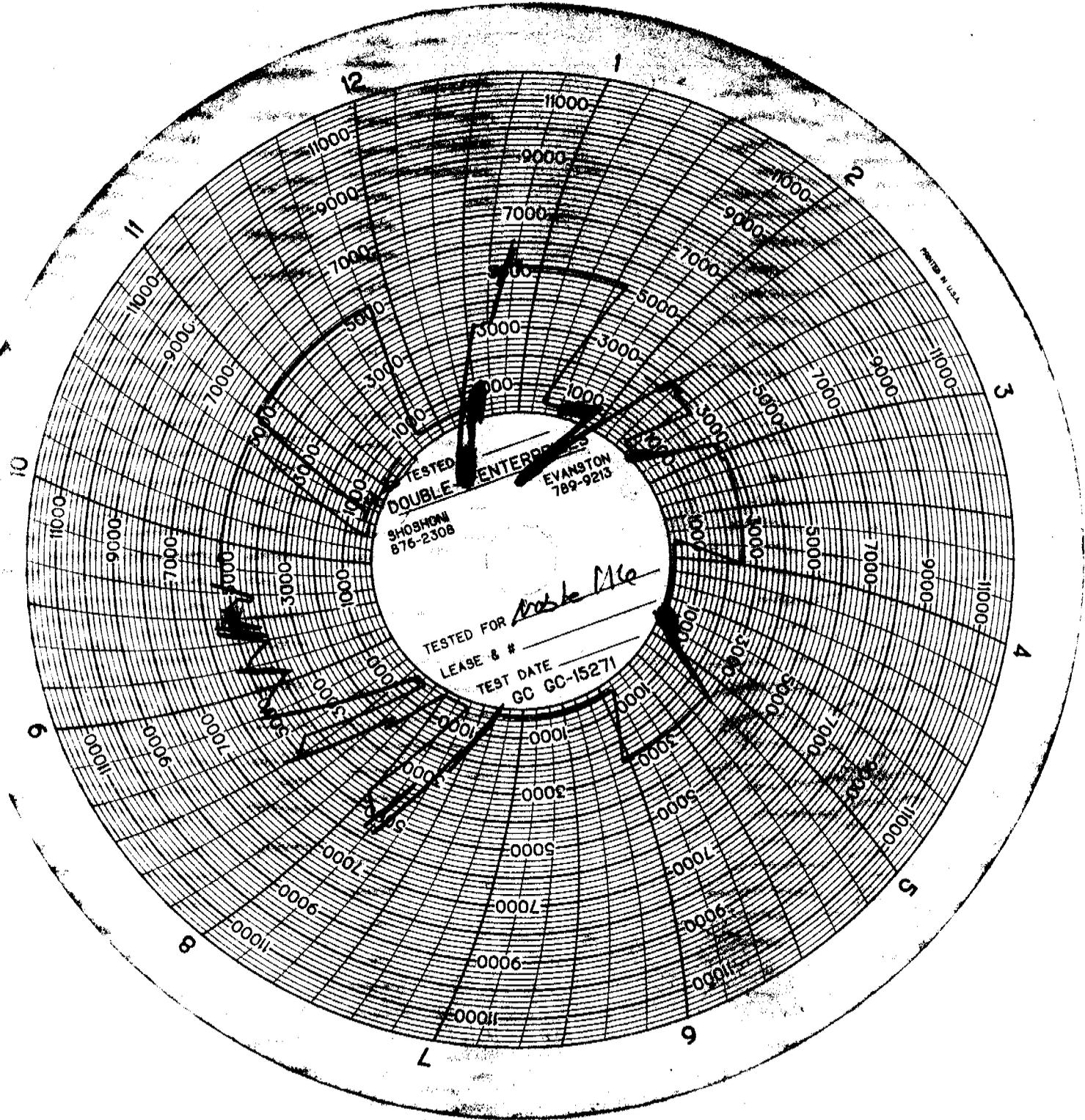
EVANSTON
789-9213

TESTED FOR Noble 116

LEASE & # _____

TEST DATE 7-18-88
GC GC-15271

PRINTED IN U.S.A.



TESTED FOR
DOUBLE ENTERPRISES
SHOSHONI 876-2308
EVANSTON 789-9213

TESTED FOR *Archie Mc*
LEASE # _____
TEST DATE
GC GC-15271

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.)

RECEIVED
AUG 29 1988

Confidential Information

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Union Oil Company of California
DIVISION OF OIL & GAS MINING

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

1780' FSL & 660' FEL (NE SE)

14. PERMIT NO.

API No. 43-043-30289

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

8717' GR (Ungraded)

5. LEASE DESIGNATION AND SERIAL NO.

U-55715

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

1-I21

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., E., M., OR BLK. AND
SUBVY OR AREA

Sec. 21, T.3N., R.15E.

12. COUNTY OR PARISH 13. STATE

Summit

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) SUPPLEMENTARY WELL HISTORY

(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 perti-
nent to this work.)*

Weekly Report: Drilling ahead at 10,842' on 8-25-88.

CONFIDENTIAL

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

SIGNED

TITLE

District Drilling Supt.

DATE

8-25-88

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions 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"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Union Oil Company of California		8. FARM OR LEASE NAME Federal	
3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, WY 82602-2620		9. WELL NO. 1-121	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1780' FSL & 660' FEL (NE SE)		10. FIELD AND POOL, OR WILDCAT Wildcat	
14. PERMIT NO. API No. 43-043-30289		11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA Sec. 21, T.3N., R.15E.	
15. ELEVATIONS (Show whether DP, RT, GR, etc.) 8717' GR (Ungraded)		12. COUNTY OR PARISH Summit	
		13. STATE Utah	

Confidential Information

SEP 6 1988

DEPARTMENT OF OIL, GAS & MINING

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

SUPPLEMENTARY WELL HISTORY

(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.)*

Weekly Report

Drilled to 12,340' T.D. at 8:30 a.m., 9-1-88. Circulated for logs. Running logs.

CONFIDENTIAL

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

SIGNED

John R. Underhill

TITLE

District Drilling Supt.

DATE

9-2-88

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

CONFIDENTIAL

*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

5. LEASE DESIGNATION AND SERIAL NO
U-55715

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED
SEP 14 1988

1. Confidential Information

UNIT AGREEMENT NAME

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Union Oil Company of California

7. FARM OR LEASE NAME
Federal

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

8. WELL NO.
1-121

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1780' FSL & 660' FEL (NE SE)

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21, T.3N., R.15E.

14. PERMIT NO.
API 43-043-30289

12. COUNTY OR PARISH
Summit

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
8717' GR (Ungraded)

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
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other) SUPPLEMENTARY WELL HISTORY X
(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.)*

CONFIDENTIAL

Weekly Report

Ran DIL-SFL, GR/BHC, and CDL. TIH and drilled 12-1/4" hole to 12,400' T.D. at 11:00 p.m., 9-2-88. Circulated for casing. TOOH.

Ran and cemented 281 jts. (12,417') of 9-5/8", 47#, S-95 and N-80, 8RD and buttress casing at 12,392' with 1090 sacks 50-50 pozmix cement, followed by 560 sacks class "H" cement. Cut off casing. Plugged down at 7:15 p.m., 9-4-88. W.O.C. Float held O.K. Tagged cement at 12,330'. Drilled cement and float collars. Tested 9-5/8" casing to 5700 psi. Finished drilling out cement. Drilled 10' of new hole to 12,410'. Tested shoe to leak off at 13 ppg EMW. Drilled 8-1/2" hole from 12,410' to 12,616'. Drilling ahead.

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

SIGNED

John R. Underhill

TITLE

District Drilling Supt

DATE

9-8-88

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

CONFIDENTIAL

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions 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 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: 1780' FSL & 660' FEL (NE SE)

5. LEASE DESIGNATION AND SERIAL NO: U-55715

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME: Federal

9. WELL NO.: 1-I21

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., E., M., OR BLK. AND SURVEY OR ARMA: Sec. 21, T.3N., R.15E.

12. COUNTY OR PARISH: Summit

13. STATE: Utah

14. PERMIT NO.: API 43-043-30289

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 8717' GR (Ungraded)

Confidential
RECEIVED
SEP 19 1988
CONFIDENTIAL

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) SUPPLEMENTARY WELL HISTORY <input checked="" type="checkbox"/>	

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

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

Weekly Report

Drilled 8-1/2" hole to 15,028'. At 15,028', had 25 barrel gain with SIDPP 180 psi and SICP 35 psi. Circulated out entry on choke, using original 9.3 ppg mud. Built mud weight to 9.8 ppg (kill weight). SIDPP increased from 180-340 psi during 2-1/2 hours required to weight up surface volume. Circulated 9.8 ppg kill-weight mud. S.D. pump. SIDPP and SICP 200 psi. Built mud weight to 10.4 ppg. After shut-in period of 3-1/2 hours, SIDPP 380 psi and SICP 260 psi. Started kill procedure with 10.4 ppg mud with initial circulating pressure at 1516 psi. Filled D.P. with kill weight mud, holding final circulating D.P. pressure of 1136 psi for remainder of kill. Gas cut mud to surface with 4290 strokes with 9.6 to 9.7 ppg, to 10.1 to 10.2 ppg at end of circulation of kill weight mud. Shut down pumps. SIDPP and SICP 0 psi with no flow. Established circulation. Worked D.P. with 25-28' free movement. Pulled up to 390,000# at 14,980' and worked pipe 2 hours, O.K. Reamed from 14,975-15,028' for 3 hours, O.K. Circulated and conditioned mud with 10.6#/gallon in and out for trip margin. Short tripped 30 stands to 12,186' with no drag. Circulated and conditioned mud. TIH to 15,028'. Circulated and conditioned mud for 3-1/2 hours (10.6 ppg in and out) with BGG 200 units, peaking at 1200 units then back to 256 units. Strapped out of hole; corrected T.D. to 15,008' (20' correction). Tested BOP, hydril, choke and manifold, O.K. Tripping in hole with bit and junk sub.

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

SIGNED: John R. Underhill TITLE: District Drilling Supt. DATE: 9-16-88

(This space for Federal or State office use)

APPROVED BY: _____ TITLE: _____ DATE: _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side
CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. LEASE DESIGNATION AND SERIAL NO.

U-55715

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

1-I21

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 21, T.3N., R.15E.

12. COUNTY OR PARISH 13. STATE

Summit

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

Confidential Information

RECEIVED
SEP 26 1988

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
1780' FSL & 660' FEL (NE SE)

14. PERMIT NO.
API No. 43-043-30289

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
8717' GR (Ungraded)

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANE

(Other) SUPPLEMENTARY WELL HISTORY

(Other)

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

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

Weekly Report

TIH with bit and junk sub. Circulated and cleaned out to 15,008'. Peak trip gas was 3600 units. Built mud weight to 10.8 ppg. Drilled from 15,008-15,009'. Circulated hole clean. TOOH.

RIH with core barrel. Peak trip gas was 3840 units. Built mud weight to 11 ppg. Cored from 15,009-15,055' with average of 160 units BGG. TOOH with core, recovering 43', consisting of approximately 28' of shaley sand and 15' of Mowry shale.

Drilling ahead at 15,281'.

CONFIDENTIAL

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

SIGNED

John R. Underhill
For: John R. Underhill

TITLE

District Drilling Supt.

DATE

9-23-88

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. LEASE DESIGNATION AND SERIAL NO.
U-55715

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

Confidential Information

RECEIVED
OCT 05 1988

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
1780' FSL & 660' FEL (NE SE)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal
WELL NO.

1-I21

10. FIELD AND POOL, OR WILDCAT
Wildcat

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

Sec. 21, T.3N., R.15E.

14. PERMIT NO.
API NO. 43-043-30289

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
8717' GR (Ungraded)

12. COUNTY OR PARISH
Summit

13. STATE
Utah

16. 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*

SUPPLEMENTARY WELL HISTORY
(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.)*

Weekly Report

Drilled to 15,380'. Circulated 2-1/2 hrs. TOOH for core barrel. Picked up core barrel. TIH and reamed from 15,275' to 15,380'. Cored from 15,380' to 15,412'. TOOH with core, recovering 32'. TIH with bit and tagged up at 15,245'. Reamed to bottom. Circulated and conditioned mud, raising mud weight from 11.2 ppg to +11.4 ppg. Spotted 100-bbl. Soltex pill on bottom. TOOH with 30,000# drag first 45', then free. Drilled to 15,500'. TOOH for core barrel.

CONFIDENTIAL

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

SIGNED *John R. Underhill*
John R. Underhill

TITLE District Drilling Supt.

DATE 9-30-88

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

CONFIDENTIAL
*See Instructions on Reverse Side

CONFIDENTIAL

RECEIVED
OCT 12 1988

DOUBLE JACK TESTING & SERVICES, INC.

B.O.P. Test Report

DIVISION OF
OIL, GAS & MINING

B.O.P. Test Performed on (date) 10-1-88

Oil Company Union Oil Co.

Well Name & Number Federal IT21

Section 21

Township 3N

Range ~~3E~~ 15E

County Summit, Utah

Drilling Contractor Noble N-116

Oil Company Site Representative _____

Wing Tool Pusher _____

Tested out of Evanston, Wyoming

Notified Prior to Test _____

Copies of This Test Report Sent to: BLM

Site Representative

Utah Oil & Gas

Original Chart & Test Report on File at: Double Jack Evanston Office

Tested by: Double Jack Testing & Services, Inc.
108 Parkview Road
P.O. Box 2097
Evanston, Wyoming 82930

Double Jack Testing & Services Inc.

P.O. Box 2097
Evanston, WY 82931-2097
(307) 789-9213

FIELD TICKET: 7278
Noble N-116
 RIG NAME & NO. Federal 2721
 WELL NAME & NO.

58
 OPERATOR Union Oil Co
 COUNTY Connetquot STATE NY

SECTION 21 TOWNSHIP 3N RANGE 8E

ITEMS TESTED	LOW TEST PSI	TIME HELD MINUTES	HIGH TEST PSI	TIME HELD MINUTES	
Case Rams			<u>5000</u>	<u>15</u>	Closing Unit Psi <u>50000</u>
Pipe Rams			<u>5000</u>	<u>15</u>	Closing Time of Rams <u>10 sec</u>
Rams			<u>5000</u>	<u>15</u>	Closing Time of Annular <u>15 sec</u>
B.O.P.			<u>2600</u>	<u>15</u>	Closed Casing Head Valve <u>485</u>
Manifold			<u>5000</u>	<u>15</u>	Set Wear Sleeve <u>485</u>
Line			<u>5000</u>	<u>15</u>	COMMENTS
Line			<u>5000</u>	<u>15</u>	
Choke			<u>5000</u>	<u>15</u>	
Kelly			<u>5000</u>	<u>15</u>	
Kelly			<u>5000</u>	<u>15</u>	
Valve			<u>5000</u>	<u>15</u>	
Valve			<u>5000</u>	<u>15</u>	

ADDITIONAL TESTS & COMMENTS:

Tested manifold with methanol
#160 found trap from Evanston

TEST PLUG _____
 RET. TOOL _____
 TOP SUB. _____
 KELLY SUB. _____
 X-OVER SUB. _____

COMPANY

LEASE AND WELL NAME #

DATE OF TEST

RIG # AND NAME

CON OIL

FEDERAL WELL 1-21

10-1-88

Noble N-116

TIME

3:30-3:45

Test bottom pipes and Tiw value 5000 psi

3:50-4:05

Top pipe Rams 1st Choke value 1st Kill value 5000 psi

4:15-4:30

Top pipes 2nd Kill value and HCR value and Oart value

4:45-5:00

Hy well to 2500

5:37-5:52

Blind Rams 1st 3 manifold values check value Kill side 5000

5:56-6:12

Blind Rams 2nd manifold values

6:15-6:30

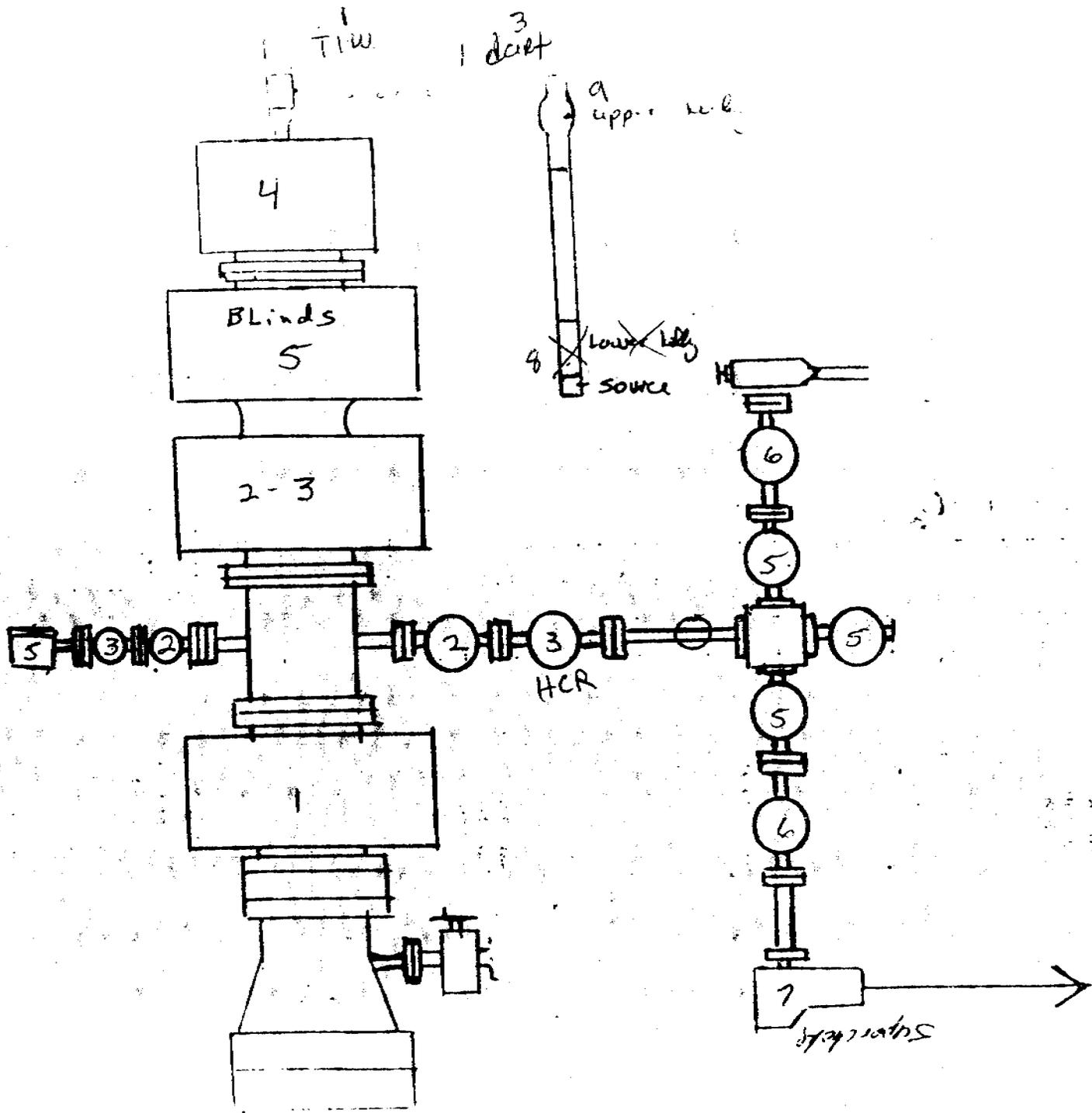
super choke 5000 psi

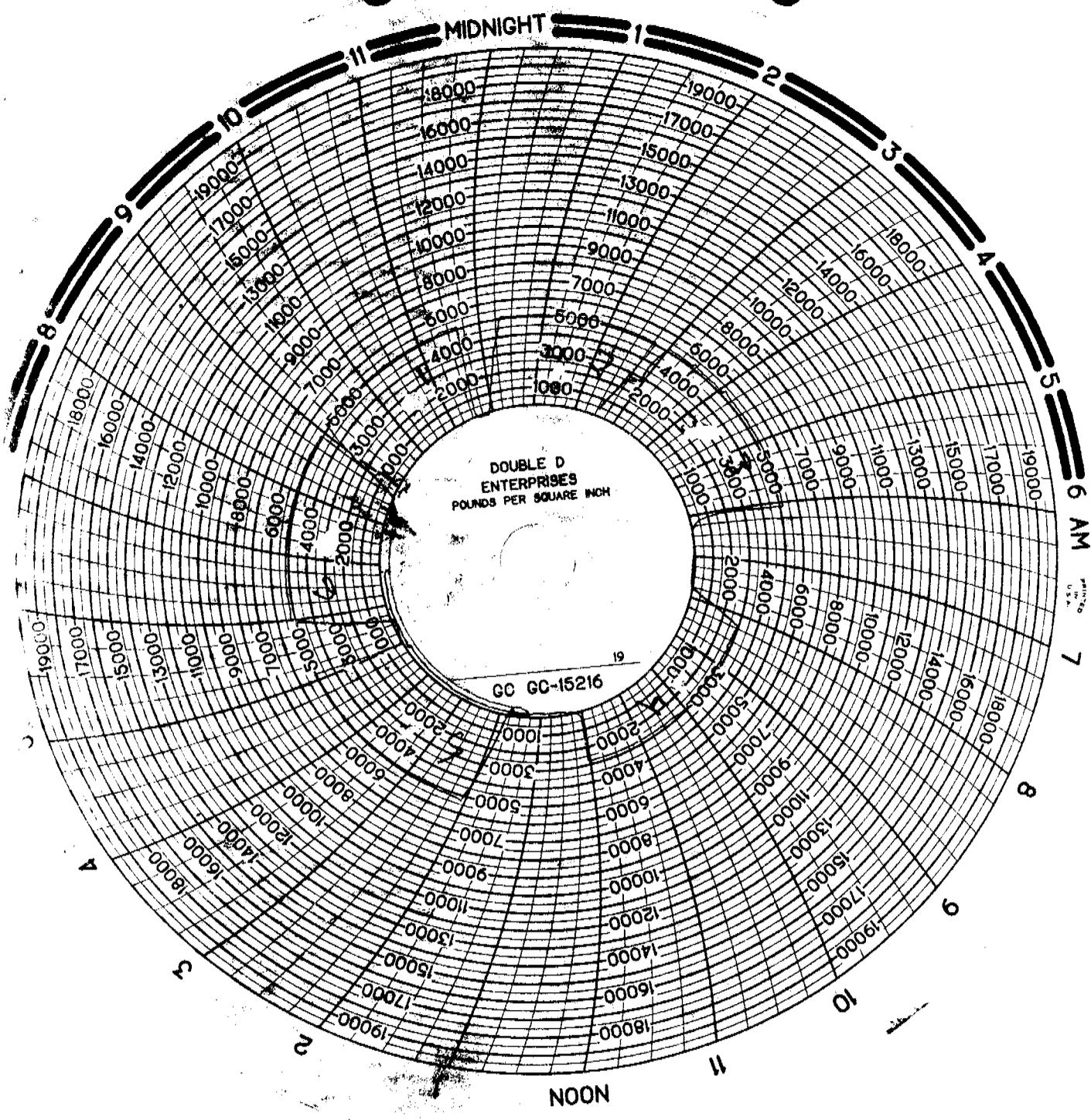
6:35-6:50

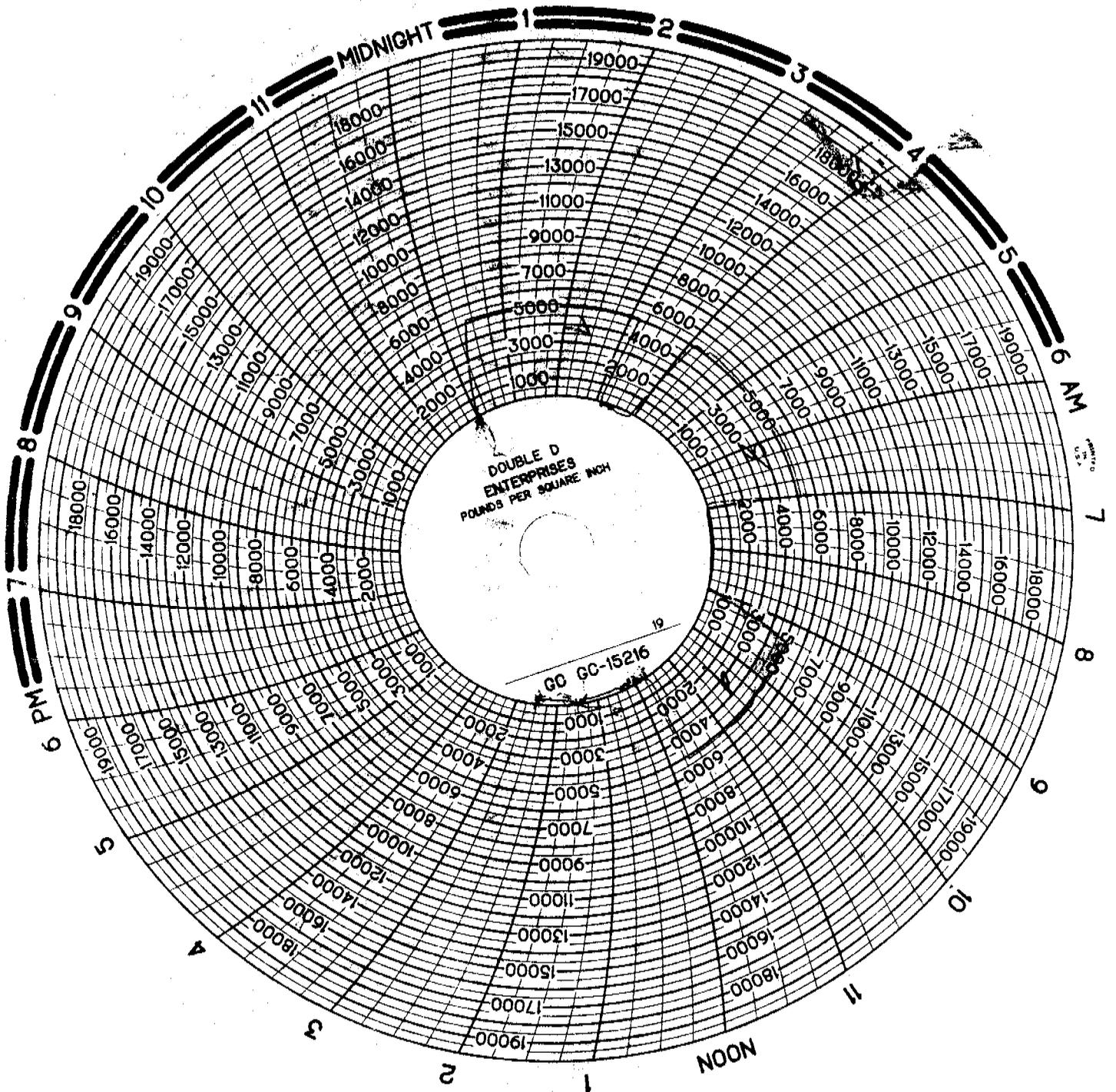
lower Kelly value 5000 psi

7:00-7:15

upper Kelly value 5000 psi







DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH

19
GO GO-15216

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. Confidential Information		5. LEASE DESIGNATION AND SERIAL NO. U-55715
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	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	7. UNIT AGREEMENT NAME	8. FARM OR LEASE NAME Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1780' FSL & 660' FEL (NE SE)	9. DIVISION OF OIL, GAS & MINING	9. WELL NO. 1-121
14. PERMIT NO. API No. 43-043-30289	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8717' GR (Ungraded)	10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA Sec. 21, T.3N., R.15E.
		12. COUNTY OR PARISH Summit
		13. STATE Utah

RECEIVED
OCT 13 1988

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) SUPPLEMENTARY WELL HISTORY <input checked="" type="checkbox"/>	

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

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

Weekly Report

Washed and reamed 30' to bottom. Cored from 15,500-15,540'. TOOH with core, recovering 40'. Pressure tested BOPE. Drilled from 15,540' to 15,724' T.D. at 10:00 p.m., on 10-4-88. TIH and washed 4' fill. Circulated 3 hours. Strapped out of hole, correcting total depth to 15,713'. Conditioned hole for logs. Ran DLL/MSFL/GR, GR/BHC, GR/LDT/Caliper, and GR/DLL. Washed and reamed from 15,297-15,713' T.D. Conditioning hole for logs.

CONFIDENTIAL

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

SIGNED John R. Underhill TITLE District Drilling Supt. DATE 10-10-88
John R. Underhill
(This space for Federal or State office use)

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

CONFIDENTIAL

*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. 1004-0335
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.)

Confidential Information

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

1780' FSL & 660' FEL (NE SE)

DIVISION OF
OIL, GAS & MINING

14. PERMIT NO.
API No. 43-043-30289

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
8717' GR (Ungraded)

5. LEASE DESIGNATION AND SERIAL NO.
U-55715

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

WELL NO.

1-I21

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 21, T.3N., R.15E.

12. COUNTY OR PARISH

Summit

13. STATE

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

SUPPLEMENTARY WELL HISTORY

(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.) *

15,713' T.D.

Weekly Report

Ran GR/SHDT/Caliper logs. TIH to 15,295'. Reamed 15,295-15,713' T.D.. Circulated and conditioned hole for liner.

Ran and landed 90 jts. (3,836.86') of 5-1/2", 20#, SS-95 & S-95, LT&C, new, LSS casing at 15,707.82', with top of guide shoe at 15,705.97', top of double-valve float collar at 15,659.09', top of landing collar at 15,615.06', top of liner hanger at 11,881.09', and top of liner setting sleeve at 11,870.96'. Cemented with 310 sacks (797 cu. ft.) of lead cement, followed by 570 sacks (850 cu. ft.) of tail cement. (Shut down with 132 bbls. tail slurry pumped and dropped ball. Dropped plug at end of 152 bbls. tail slurry pumped. Displaced with 10 bbls. water and 286 bbls. 11.7 ppg mud. Bumped plug with 3200 psi; did not see ball pressure. Set liner O.K. C.I.P. & liner hung at 12:30 p.m., 10-14-88. TOOH, laying down setting tool. Washed soft, green cement from 11,570' to liner top at 11,871'. Circulated and cleaned up hole for 4-1/2 hrs. TOOH, laying down D.P. Cleaned mud tank and N.D. BOP. N.U. flange and valve on wellhead to close well in. Released rig at 6:30 p.m., 10-16-88. W.O.C.U.

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

SIGNED

John R. Underhill

TITLE

District Drilling Supt.

DATE

10-18-88

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

CONFIDENTIAL
*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

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Use "APPLICATION FOR PERMIT—" for such proposals.)

Confidential information

RECEIVED
NOV 07 1988

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
1780' FSL & 660' FEL (NE SE)

14. **PERMIT NO.**
API No. 43-043-30289

15. **ELEVATIONS** (Show whether DF, RT, GR, etc.)
8717' GR (Ungraded)

5. **LEASE DESIGNATION AND SERIAL NO.**
U-55715

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

7. **UNIT AGREEMENT NAME**

8. **FARM OR LEASE NAME**
Federal

9. **WELL NO.**
1-121

10. **FIELD AND POOL, OR WILDCAT**
Wildcat

11. **SEC., T., E., M., OR BLK. AND SURVEY OR AREA**
Sec. 21, T.3N., R.15E.

12. **COUNTY OR PARISH**
Summit

13. **STATE**
Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) SUPPLEMENTARY WELL HISTORY <input checked="" 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.)*

15,713' TD
Weekly Report

CONFIDENTIAL

MIRU completion unit on 10-24-88. N.U. BOP stack. Tested hydril to 2500 psi/10 mins., O.K. Tested blind rams and manifold to 10,000 psi/10 mins., O.K. Pressured up and tested 9-5/8" casing and 5-1/2" liner lap to 3000 psi, O.K. TOOH. RIH and cleaned out 5-1/2" liner to landing collar at 15,612'. Pressure tested 9-5/8" casing and 5-1/2" liner lap to 3000 psi; bled to 2000 psi in 1-1/2 mins. TOOH. Ran CBL/VDL/GR/CCL from 15,612' to top of liner at 11,871'. Set cement retainer on W.L. at 15,606'. Retested 5-1/2" liner to 3000 psi; bled off as before. Set 5-1/2" retrievomatic packer at 11,920'. Tested liner to 3000 psi, O.K. Established injection into 5-1/2" x 9-5/8" lap at 1-1/2 bpm at 2700 psi. TOOH and laid down retrievomatic packer. TIH with 2-7/8" tubing open ended to 11,898'. Circulated casing. Established injection rate of 2 bpm at 3000 psi. Bradenhead squeezed 5-1/2" liner lap with 150 sacks cement at rate of 1 bpm to 1/4 bpm and pressure of 0-2600-2500 psi. Shut in 5 mins./2500 psi. 10 mins./2450 psi. CIP at 1:05 a.m., 10-31-88. W.O.C. TOOH. Cleaned out to top of liner at 11,871'. Pulled up to 10,990'. W.O.C.

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

SIGNED John R. Underhill TITLE District Drilling Supt. DATE 11-1-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

CONFIDENTIAL

*See Instructions on Reverse Side

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

SUBMIT IN TRIPLE
(Other instructions reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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Confidential Information

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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

1780' FSL & 660' FEL (NE SE)

14. PERMIT NO.
API No. 43-043-30289

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
8717' GR (Ungraded)

5. LEASE DESIGNATION AND SERIAL NO.
U-55715

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
1-121

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA
Sec. 21, T.3N., R.15E.

12. COUNTY OR PARISH 13. STATE
Summit Utah

16. 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*
SUPPLEMENTARY WELL HISTORY

(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, true north and true vertical depths for all markers and zones pertinent to this work.)*

15,713' T.D.

Weekly Report

Made an unsuccessful attempt to pressure test liner lap and 9-5/8" casing from surface. Cleaned out liner lap assembly from 11,871' to 11,888'. Pressured up on 9-5/8" casing and established injection rate of 1-1/2 bpm at 2800 psi. Ran gauge ring and junk basket and tagged 5-1/2" liner top at 11,871'. Set cement retainer at 11,795'. Stung into retainer and pressured up 2-7/8" x 9-5/8" annulus to 2500 psi; held steady for 10 mins. Established injection rate of 2 bpm at 4500 psi. Cement squeezed 5-1/2" liner lap with 175 sacks premium cement at 2 bpm to 1/8 bpm at 1400 psi to 2500 psi. Stung out of retainer and reverse circulated tubing clean. J.C. & CIP at 11:14 p.m., 11-2-88. W.O.C.

TIH with retrieving tools to 11,635'. W.O.C. Retrieved cement retainer from 11,795'. Cleaned out to liner lap. Tested to 3000 psi, O.K. Cleaned out liner to 15,605'. Ran Velocity Survey. N.D. hydril. Ran and set permanent packer at 15,362'. Ran 2-7/8" tubing to 15,362'. Tested seal assembly to 2500 psi for 1/4 hr., O.K. N.D. BOP. Tested tree to 8500 psi. Opened sleeve at 15,326' with wireline. Displaced tubing with nitrogen. Closed sleeve. Perforated the Dakota sand from 15,496' to 15,507', 6 spf, under 500 psi drawdown. Bled nitrogen off to 45 psi in 1-1/2 hrs. Preparing to run fluid level and swab.

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

SIGNED

John R. Underhill
John R. Underhill

TITLE

District Drilling Supt.

DATE

11-11-88

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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*See Instructions on Reverse Side

11-16-88
SRB

43-043-30289

Union Oil Co. - Jim Benson (307) 234-1563
Federal 1-I 21, Summit Co.

Plan to plug back well from Dakota to Frontier.

1. Pkr. currently set @ 15362
2. Dakota perms @ 15496' - 15507' - tested dry.
3. Will set CICR \pm 50' above pkr. & sqz.
4. Will dump additional 100' of cnt. on top of retainer.
5. Perf. & test Frontier.

They plan to do work tomorrow. Verbal OK already rec'd. from Al McKee at BLM.

SRB gave verbal approval. Will inform John Berrier.

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

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals.)

Confidential Information

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DEC 06 1988

DIVISION OF
OIL, GAS & MINING

CONFIDENTIAL

5. LEASE DESIGNATION AND SERIAL NO.
U-55715

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
1-I21

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21, T.3N., R.15E.

12. COUNTY OR PARISH
Summit

13. STATE
Utah

WELL GAS WELL OTHER

1. NAME OF OPERATOR
Union Oil Company of California

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

3. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1780' FSL & 660' FEL (NE SE)

4. PERMIT NO.
API No. 43-043-30289

15. ELEVATIONS (Show whether of RT, BR, etc.)
8717' OR (ungraded)

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"/>	PELL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> SUPPLEMENTARY WELL HISTORY	

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

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15,713' TD

Weekly Report

F.L. at ±10,500'. Pumped 74 bbls. diesel into tubing. Displaced with 55 bbls. of 3% KCl water. Maximum pressure 6700 psi at 1-1/2 bpm. Swabbed and recovered the 55 bbl. water load and 34 bbls. of the 74 bbl. diesel load plus 11.70 BO and 8.20 BW. F.L. on last run at 10,800'.

Rigged up coiled tubing. Ran in hole and jetted well down with nitrogen. Lifted well with nitrogen from 15,100', recovering approximately 26 BO and 51 BW, then well dried up. TOOH with coiled tubing. N.U. BOP, hydril, and manifold. Tested BOP and manifold to 8500 psi and hydril to 2500 psi, O.K. POOH. RIH and set 5-1/2" cement retainer on 2-7/8" tubing at 15,320'. Established injection rate of 1 bpm at 5000 psi. Squeezed Dakota perforations 15,496-15,507' as follows: P.O. of retainer. Mixed and spotted 100 sacks of cement to 14,800'. Stung into retainer. Pumped 55 sacks of cement below retainer at 1 bpm to 1/4 bpm at 4800-5300 psi. P.O. to 15,200'. Reversed 30 sacks cement to pit. Left 120' of cement on top of retainer. POOH on 11-17-88. Preparing to perforate Frontier.

Note: Received verbal approval to abandon the Dakota formation from Al McKee, BLM, on 11-16-88.

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

SIGNED John R. Underhill TITLE District Drilling Supt. DATE 11-18-88

(This space for Federal or State office use)

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CONDITIONS OF APPROVAL, IF ANY:

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate*
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Form approved,
Budget Bureau No. 1004-0135
Expires August 31, 1985

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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

2204' FSL & 1922' FEL (NW SE)

14. PERMIT NO.
API No. 43-037-31074

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6156' GR (Ungraded)

5. LEASE DESIGNATION AND SERIAL NO.
U-015269

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Lisbon Unit

8. FARM OR LEASE NAME
Lisbon Unit

9. WELL NO.
C-715

10. FIELD AND POOL, OR WILDCAT
Lisbon

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
Sec. 15, T.30S., R.24E.

12. COUNTY OR PARISH 13. STATE
San Juan Utah

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) Sqzd Perfs & Perfed Higher Zone
REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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8765' T.D.

MIRU well service unit on 11-3-88. R.U. H₂S safety equipment. Blew down tubing/casing annulus. Pumped 45 bbls. water down annulus and 20 bbls. water down tubing to kill well. N.D. wellhead. N.U. BOP and tested to 1500 psi, O.K. POOH with 2-7/8" tubing. Laid down gas lift valves and packer. Tagged retrievable bridge plug (RBP) at 8470'. Attempted to pull RBP without success. Pushed RBP to bottom of hole. Tagged top of RBP with GR-CCL at 8651' (below all perfs). Set cement retainer at 8460'. Stung into retainer and filled tubing with 19 bbls. water and tested tubing to 2000 psi, O.K. Pumped 50 bbls. water down annulus in an attempt to fill 2-7/8" x 5-1/2" annulus; went on vacuum. Established injection rate of 5 bpm at 300 psi. Squeezed perforations 8483-8490', 8553-8563', 8571-8576', and 8628-8648' with 200 sacks of cement, putting 125 sacks below retainer with surface pressure increasing to 1500 psi at 1/4 bpm rate. Stung out of retainer, leaving 75 sacks of cement on top of retainer (above perfs 8430-8450'). Attempted to circulate by pumping 20 bbls. water down annulus; went on vacuum. Pumped 10 bbls. water down tubing; went on vacuum. Tagged cement at 7830'. Established circulation. Drilled cement from 7830-8452'. Circulated hole clean. Tested squeeze on perforations 8430-8450' with 1500 psi for 15 mins., O.K. Reverse circulated hole clean. RIH with bit and casing scraper to 8452' ETD. RIH with cement retainer and set at 8425' (new PBD). Perforated

(Continued on Attached Sheet)

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

SIGNED John R. Underhill
John R. Underhill

TITLE District Drilling Supt.

DATE 11-29-88

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

Union Oil Company of California
Lisbon Unit Well No. C-715
San Juan County, Utah
11-29-88
Page 2

Mississippian formation from 8380-8418' with 4 spf with 4" casing gun. RIH with treating packer and set at 8336'. Swabbed and recovered 30 bbls. water. Could not work swab cup below 5100'. Filled tubing with 30 bbls. produced water, released packer, and circulated tubing clean. RIH with broach on sand line and hung up at 5100'. TOOH.

RIH with RTTS packer. Pumped 100 gals. acid to bottom of tubing, displacing with water to clean tubing. Reverse circulated acid out of hole. Spotted 250 gals. 15% HCl with NE and LST additives across perforations 8380-8418'. Set packer at 8285' and bottom of tailpipe at 8417'. Pressured annulus to 500 psi, O.K. Attempted to displace acid into perforations without success. Pressured tubing to 2200 psi with pressure bleeding back to 1500 psi in 15 mins. Pumped acid to perforations at 1/4 bpm and 2000 psi. Displaced acid with produced water. ISDP 2000 psi. 0 psi in 8 mins. Swabbed tubing dry with no entry.

Reset packer at 8285'. Pressured annulus to 500 psi, O.K. Acidized Mississippian perforations 8380-8418' with 2000 gals. 20% HCl with NE, LST, and solids suspension additives, as follows: Spotted acid to bottom of tailpipe and reset packer. Pressured to 500 psi and then 1000 psi with no injection. Established injection rate of 1/2 bpm at 1500 psi, breaking back to 1.7 bpm at 600 psi and then 2 bpm at 0 psi. ISDP 0 psi with well on slight vacuum. Swabbed and flowed total of 140 bbls. oil + 259 bbls. water of 103 bbls. load water with unmeasured volume of 2% H₂S gas. Pumped 50 bbls. produced water down tubing to kill well. TOOH and laid down workstring and RTTS packer. Ran production equipment (2-7/8" tubing, nine gas-lift valves, FH packer) and set packer at 8338'. Removed BOPE and installed tree. Released rig on 11-22-88. Returned well to production at 10:00 a.m., 11-23-88.

Production Before WO: Shut in since April, 1987.

Production After WO: (11-28-88) - 190 BOPD + 370 BWPD & 1418 MCF of sep. gas and 903 MCF GLG. C.P. 985 psi & T.P. 250 psi. Sep. press. 245 psi. Choke at 64/64".

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

SUBMIT IN TRIP
(Other instruction
verse side)

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

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

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At surface
1780' FSL & 660' FEL (NE SE)

14. PERMIT NO.
API No. 43-043-30289

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
8717' GR (Ungraded)

**RECEIVED
DEC 06 1988**

DIVISION OF
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
U-55715

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
1-I21

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OF AREA
Sec. 21, T.3N., R.15E.

12. COUNTY OR PARISH
Summit

13. STATE
Utah

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) <input type="checkbox"/>	SUPPLEMENTARY WELL HISTORY <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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15,713' TD

Weekly Report

Ran permanent packer assembly with tubing conveyed guns on W.L. to 14,809'. N.D. hydril. Ran and landed seal assembly on 2-7/8" tubing at 14,809' with "XA" sleeve at 14,774'. Tested seal assembly to 2500 psi for 1/4 hour, O.K. N.D. BOP. N.U. tree and tested to 5000 psi, O.K. Perforated Frontier formation from 14,950-15,000' with 6 spf with Vann guns. Jetted well down with coiled tubing and nitrogen. Recovered total of 58-1/2 BO + 9 BW. TOOH with coiled tubing. Dropped guns from bottom of packer assembly. Lifted well with coiled tubing from 14,800'. Recovered 5-3/4 BO + 3-1/4 BW. Acidized Frontier perforations 14,950-15,000' with 5000 gals. 7.5% HCl and 5000 gals. 7.5% HCl and 1.5% HF acid with additives with 500 scf N₂/bbl., using 450 1.1 sp. gr. ball sealers to divert in four stages, at average rate of 3.4 bpm and pressure of 7800 psi. ISIP 6660 psi. 5 mins. 6590 psi. 15 mins. 6450 psi. Lifted well with coiled tubing and nitrogen until dry. Shut in for 38 hours. Lifted clean, recovering 20 BO + 25 BLW. (Have recovered total of 25 BO + 245 bbls. of 320 bbl. load.) Tripped out of hole with coiled tubing. Ran surface read-out bomb in RA sleeve. Bomb in place at 5:30 a.m., 11-26-88. Ran pressure build-up test. Completed pressure build-up test at 4:00 p.m., 11-29-88. Released bomb and equalized. POOH with pressure bomb. SDON.

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

SIGNED John R. Underhill TITLE District Drilling Supt. DATE 11-30-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

CONFIDENTIAL

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.)

1. Confidential Information OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-55715
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		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 1780' FSL & 660' FEL (NE SE)		8. FARM OR LEASE NAME Federal
14. PERMIT NO. API No. 43-043-30289		9. WELL NO. 1-I21
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8717' GR (Ungraded)		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., S., M., OR BLK. AND SURVEY OR AREA Sec. 21, T.3N., R.15E.
		12. COUNTY OR PARISH Summit
		13. STATE Utah

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DEC 06 1988
DIRECTION OF
OIL, GAS & MINING

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) REQUEST FOR TA STATUS <input checked="" 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.)*

Union Oil Company of California proposes to temporarily abandon Federal Well No. 1-I21 and requests that temporary abandonment status be granted for this well.

Proposed Plan of Procedure

Set 5-1/2" cement retainer at 14,760'. Cement squeeze Frontier perforations 14,950-15,000' (below retainer) with 100 sacks of class "G" cement with additives, mixed at 15.8 ppg (1.15 cu. ft. yield). Sting out of retainer and spot 15 sacks of class "G" cement from 14,760-14,650'. P.U. to 11,900' and spot 60 sacks (200') of class "G" cement with additives from 11,900' to 11,700' (across 5-1/2" liner top at 11,870'). POOH to ±6000'. Clean test tanks of recovered oil & diesel, and spot the oil and diesel into casing to prevent freeze up. Shut well in. Leave temporarily abandoned.

Note

Received verbal approval of the above procedure from Al McKee, BLM, on 11-28-88.

CONFIDENTIAL

18. I hereby certify that the foregoing is true and correct.
SIGNED John R. Underhill TITLE District Drilling Supt. DATE 11-30-88
(This space for Federal or State office use)

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

*See Instructions on Reverse Side

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Oil 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.)

Confidential Information

1. OIL WELL GAS WELL OTHER TA

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
1780' FSL & 660' FEL (NE SE)

RECEIVED
DEC 12 1988

DIVISION OF
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
U-55715

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
1-I21

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21, T.3N., R.15E.

12. COUNTY OR PARISH
Summit

13. STATE
Utah

14. PERMIT NO. API No. 43-043-30289

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
8717' GR (Ungraded)

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) SUPPLEMENTARY WELL HISTORY

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

CONFIDENTIAL

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 substantial locations and measure and true vertical depths for all markers and zones pertinent to this work.)*
15,713'

Weekly Report

Loaded tubing with 45 bbls. water. N.D. tree. N.U. BOP and tested to 4000 psi. TOOH with tubing and seal assembly. Set 5-1/2", mechanical-set cement retainer at 14,760'. Tested annulus to 2000 psi and tubing to 5000 psi. Established injection rate of 3 bpm at 5100 psi. Cement squeezed Frontier perforations 14,950-15,000' with 100 sacks of class "G" cement with additives. Displaced with 79 bbls. water. Stung out of retainer and spotted 15 sacks of cement on top of retainer. Rolled hole with 600 bbls. 9.0# mud. Pumped 60 sacks of class "G" cement with additives from 11,700-11,900' (across 5-1/2" liner top at 11,870'). TOOH.

Ran and landed 2-7/8", 7.9# tubing at 6348'. N.D. BOP and N.U. tree. Released rig at 7:00 p.m., 12-3-88. (Cleaned test tanks of recovered oil and diesel, and spotted the oil and diesel into casing to prevent freeze up.) Shut well in. Left well temporarily abandoned.

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

SIGNED John R. Underhill TITLE District Drilling Supt. DATE 12-8-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

CONFIDENTIAL

*See Instructions on Reverse Side

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE
(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

9

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other Exploratory-TA
 b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____
Confidential Information

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 1780' FSL & 660' FEL (NE SE)
 At top prod. interval reported below NA
 At total depth 1780' FSL & 660' FEL

14. PERMIT NO. API 43-043-30289 DATE ISSUED 2-11-88

5. LEASE DESIGNATION AND SERIAL NO.
U-55715
 6. IF INDIAN, ALLOTTEE OR TRIBE _____
 7. UNIT AGREEMENT NAME _____
 8. FARM OR LEASE Federal
 9. WELL NO. 1-I21
 10. FIELD AND POOL OR WILDCAT Wildcat
 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 21, T.3N., R.15E.

12. COUNTY OR PARISH Summit 13. STATE Utah

15. DATE SPUNDED 7-10-88 16. DATE T.D. REACHED 10-4-88 17. DATE COMPL. (Ready to prod.) TA on 12-3-88 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 8717' GR (Ungraded) 19. ELEV. CASINGHEAD 8718'

20. TOTAL DEPTH, MD & TVD 15,713' TD 21. PLUG, BACK T.D., MD & TVD 11,700' 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS 0 - T.D. CABLE TOOLS ---

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

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL/SFL, GR/BHC, CDL, DLL/MSFL/GR, GR/LDT/Cal, GR/SHDT/Cal, CBL/VDL/GR/CCL 27. WAS WELL CORED Yes

CONFIDENTIAL

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"		±90'	26"	Cmt to Sfc	---
13-3/8"	54.5#	1,511'	17-1/2"	1800 sx	---
9-5/8"	47#	12,392'	12-1/4"	1650 sx	---

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5-1/2"	11,871'	15,707'	880	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	6348'	---

31. PERFORATION RECORD (Interval, size and number)

15,496-15,507' - Dakota-6 spf w/Vann Gun (Squeezed w/100 sx cmt)
 14,950-15,000' - Frontier-6 spf w/Vann Gun (Squeezed w/100 sx cmt)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
14,950-15,000'	Ac w/5000 gals 7 1/2% HCl & 5000 gals 7 1/2% HCl/1 1/2% HF acid with additives w/500 scf N2/bbl & 450 1.1 sp. gr. ball sealers

33.* PRODUCTION

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

DATE OF TEST No Test HOURS TESTED _____ CHOKER SIZE _____ PROD'N. FOR TEST PERIOD _____ OIL—BBL. _____ GAS—MCF. _____ WATER—BBL. _____ GAS-OIL RATIO _____

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

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

35. LIST OF ATTACHMENTS None Note: Cement Retainer at 14,760' with 15 sx cement on top. Cement plug from 11,700-11,900'.

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

SIGNED John R. Underhill TITLE District Drilling Supt. DATE 12-15-88

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

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

CONFIDENTIAL

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Frontier-Mowry	15,009'	15,055'	Core No. 1: Rec. 43.4' - Sd. & Sh.	Mesaverde Gp.	10,600'	-1,856'
Dakota	15,380'	15,412'	Core No. 2: Rec. 32' - Sd. & Sh.	Hilliard Sh.	12,320'	-3,576'
Dakota	15,500'	15,540'	Core No. 3: Rec. 40' - Sd. & Sh.	Frontier Fm.	14,920'	-6,176'
			No DST's	Mowry Sh.	15,032'	-6,288'
				Dakota Fm.	15,237'	-6,493'

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

Note
Blowout preventers tested daily in accordance with Union Oil Company policy and reported by drilling contractor personnel on four sheets.

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.)

5. LEASE DESIGNATION AND SERIAL NO.

U-55715

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

I21

10. WELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 21, T3N, R15E

12. COUNTY OR PARISH 13. STATE

Summit

Utah

1. **Confidential Information**

OIL WELL GAS WELL OTHER Exploratory-TA

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

1780' FSL & 660' FEL (NE SE)

RECEIVED
JUN 12 1989
DIVISION OF OIL, GAS & MINING

14. PERMIT NO.

API 43-043-30289

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

8717' GR (Ungraded)

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETION	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input checked="" type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLUG	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

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

(Note: Reports of multiple completion on Well Completion or Accomplishment Report 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 true vertical depths for all major zones pertinent to this work.)*

15,713' TD; 11,700' PBT

(See Details on Attached Schematic)

Federal Well No. 1-I21 was drilled in 1988 and temporarily abandoned upon completion (Cement Plug Nos. 1-3). Union Oil Company of California now proposes to plug and abandon this well.

Proposed Plan of Procedure:

- MIRU well service unit.
- Spot 100 sacks of cement from ±6250' to ±6000' (Cement Plug No. 4). POOH.
- Perforate 9-5/8" casing at ±1520' with 4 spf/1 ft.
- Set 9-5/8" cement retainer at ±1450'. Cement 9-5/8" casing and 9-5/8" & 13-3/8" annulus with ±500 sacks of cement. POOH, dumping 50' of cement on top of retainer (Cement Plug No. 5).

(Continued on Attached Sheet)

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

SIGNED

John R. Underhill

TITLE District Drilling Supt.

DATE 6-7-89

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action is required before commencing operations.

TITLE

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

DATE 6-19-89

BY: John R. Underhill

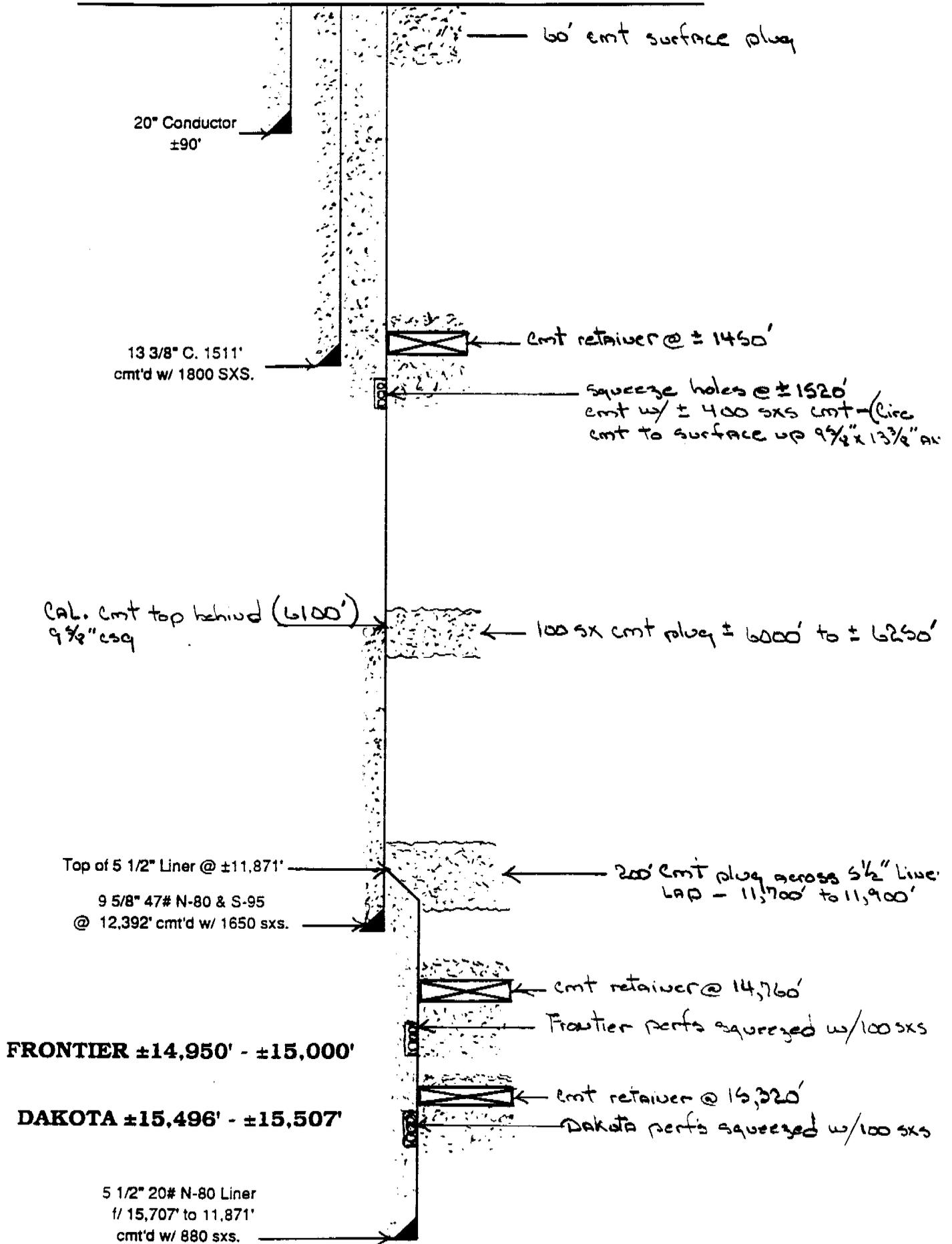
*See Instructions on Reverse Side

Union Oil Company of California
Federal Well No. 1-I21
Summit County, Utah
6-7-89
Page 2

5. Spot 25 sacks of cement from 60' to surface (Cement Plug No. 6).
6. N.U. blind flange on 13-3/8" casing head. Weld on dry hole marker.
Clean up location.

Note: Received verbal approval of the above procedure from Al McKee,
BLM, on 6-6-89.

Federal Well No. 1-121
Summit County, Utah



**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

5. LEASE DESIGNATION AND SERIAL NO.

U-55715

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Confidential Information

WELL GAS WELL OTHER Exploratory

2. NAME OF OPERATOR
Union Oil Company of California

3. ADDRESS OF OPERATOR
P. O. Box 2620 - Casper, WY 82602-1100

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1780' FSL & 660' FEL (NE SE)

RECEIVED
AUG 11 1989

DIVISION OF
OIL, GAS & MINING

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
1-I21

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21, T3N, R15E

14. PERMIT NO.
API 43-043-30289

15. ELEVATIONS (Show whether DF, RT, OR)
8717' GR (Ungraded)

12. COUNTY OR PARISH
Summit

13. STATE
Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF WELL DRILLING/REWORKING
FRACTURE TREAT MULTIPLE COMPLETION
SHOOT OR ACIDIZE ABANDON
REPAIR WELL CHANGE PLANS
(Other)

SUBSEQUENT REPORT OF:

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

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

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

15,713' TD; 11,700' PBTD
Perfs: 15,496-15,507' -Dakota-Sqzd
14,950-15,000' -Frontier-Sqzd

Federal Well No. 1-I21 was drilled in 1988 and temporarily abandoned upon completion by setting a 5-1/2" cement retainer at 14,760', cement squeezing Frontier perforations 14,950-15,000' with 100 sacks of cement (Plug No. 1), spotting 15 sacks of cement on top of retainer (Plug No. 2), and spotting 60 sacks of cement from 11,900-11,700', across 5-1/2" liner top at 11,870' (Plug No. 3).

Plugged and Abandoned Subject Well as Follows:

MIRU well service unit on 7-23-89. N.D. tree. N.U. BOP. Pumped 100 sacks of cement from 6250' to 6000' (Plug No. 4). Perforated 9-5/8" casing at 1520' with 4 spf/1 ft. RIH with cement retainer on 2-7/8" tubing, setting retainer at 1430'. Pumped 95 bbls. water to establish circulation up 9-5/8" x 13-3/8" annulus. Pumped 450 sacks of cement; had circulation to surface with cement but cement fell back. Stung out of retainer, dumping 25 sacks of cement on top of retainer (Plug No. 5).

(Continued on Attached Sheet)

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

SIGNED Jim Benson TITLE District Drilling Engineer DATE 8-8-89
Jim Benson

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

Union Oil Company of California
Federal Well No. 1-I21
Summit County, Utah
Page 2

TOOH. N.D. BOP. RIH to 60' and spotted 25 sacks of cement from 60' to surface (Plug No. 6). Dug out cellar, cut off wellhead, leaving base plate in cement. Ran 1" pipe down 13-3/8" x 9-5/8" annulus. Pumped 70 sacks cement with cement to surface. Welded on plate and dry hole marker to 13-3/8" casing. Well plugged and abandoned on 7-26-89. Cleaned up location.

(Abandonment operations were witnessed by Ray Arnold, BLM, Vernal, Utah.)

Lisha Cordova - Re: Federal 1-121 (NESE S21, T3N, R15E, Summit County, Ut)

From: Rebekah Eyre <eyrer50@yahoo.com>
To: Lisha Cordova <lishacordova@utah.gov>
Date: 06/22/2012 11:57 PM
Subject: Re: Federal 1-121 (NESE S21, T3N, R15E, Summit County, Ut)

43 043 30289

Hi Lisha,

Yes, we're satisfied with the reclamation of that well. I think you can put this one to rest.

Jim Eyre

From: Lisha Cordova <lishacordova@utah.gov>
To: eyrer50@yahoo.com
Sent: Wednesday, June 20, 2012 11:32 AM
Subject: Federal 1-121 (NESE S21, T3N, R15E, Summit County, Ut)

Mr. Jim Eyre

As discussed earlier today, Lyman Grazing Association is the landowner of the above referenced plugged well (info attached). Please confirm via email whether or not the well site has been reclaimed in accordance with the landowners' agreement and/or to the satisfaction of the landowner.

If you have any questions, please call.

Thanks,
Lisha

Lisha Cordova
Environmental Scientist III
Division of Oil, Gas and Mining
1594 W. North Temple, Suite 1210
Salt Lake City, Utah 84116
T: 801-538-5296
C: 801-386-3902
lishacordova@utah.gov

Division of Oil, Gas and Mining

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

File Federal 1-121 Suspense _____ Other _____
(Return Date) _____
(Loc.) Sec 2 Twp 3N Rng 5E (To-Initials) _____
(API No.) 43-043-30289 _____
or County _____

1. Date of Phone Call: 10/18/11 Time: 2:45

2. DOGM Employee (name) Fiske Cordova (Initiated Call)
Talked to:
Name Tom Norris (Initiated Call) - Phone No. ~~307~~ 782-7383 *6/19/12 Disc. #
of (Company/Organization) Lyman Grazing Assoc.

3. Topic of Conversation: Access to wellsite thru locked gate?

4. Highlights of Conversation: Mr. Norris confirmed that above referenced well on Lyman Grazing Assoc. lands is access thru locked gate, said site reclaimed & revegetated. Requested that I mail them an example of a "Landowners Release of Further Liability" and general info. regarding the well. They will prepare & submit a release following review. Information to be mailed to:

Tom Norris
Lyman Grazing Association
HC 67 Box 12
Lonetree, Wyoming 82936

6/20/12 Tom Norris (307)780-5495
(papers to) Jim Eyre (307)780-8921 cell or (307)782-6162 eyre50@yahoo.com
X mt. View Forest Svs. / Tiffany (307)782-6555



State of Utah
 DEPARTMENT OF NATURAL RESOURCES
 Division of Oil, Gas & Mining
 www.ogm.utah.gov



Fed. Lease / Fee Surf.

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OIL & GAS INFORMATION SYSTEM

FILE EDIT OIL GAS GAS PLANT REPORTS DGM

Well Data

SEARCH

WELL NAME: FEDERAL 1121
 OPERATOR: UNION OIL CO OF
 DESIGNATED OPERATOR:
 FIELD NAME: WILDCAT

WELL LOCATION

SURE LOCATION: 1780 FSL 0660 FEL
 GO S. T. E. M. NESE 21 03.0 N
 COUNTY: SUMMIT

UTM COORDINATES

SURFACE N: 4536522.00 BHE N
 SURFACE E: 563926.00 BHE E

LATITUDE: 40.97741
 LONGITUDE: -110.23945

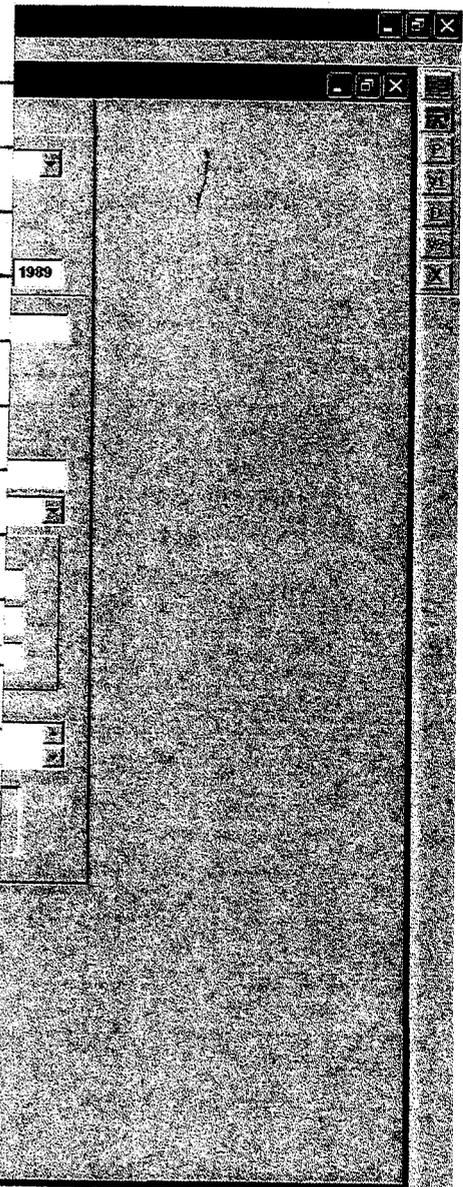
WELL TIES: WELL PHOTOS

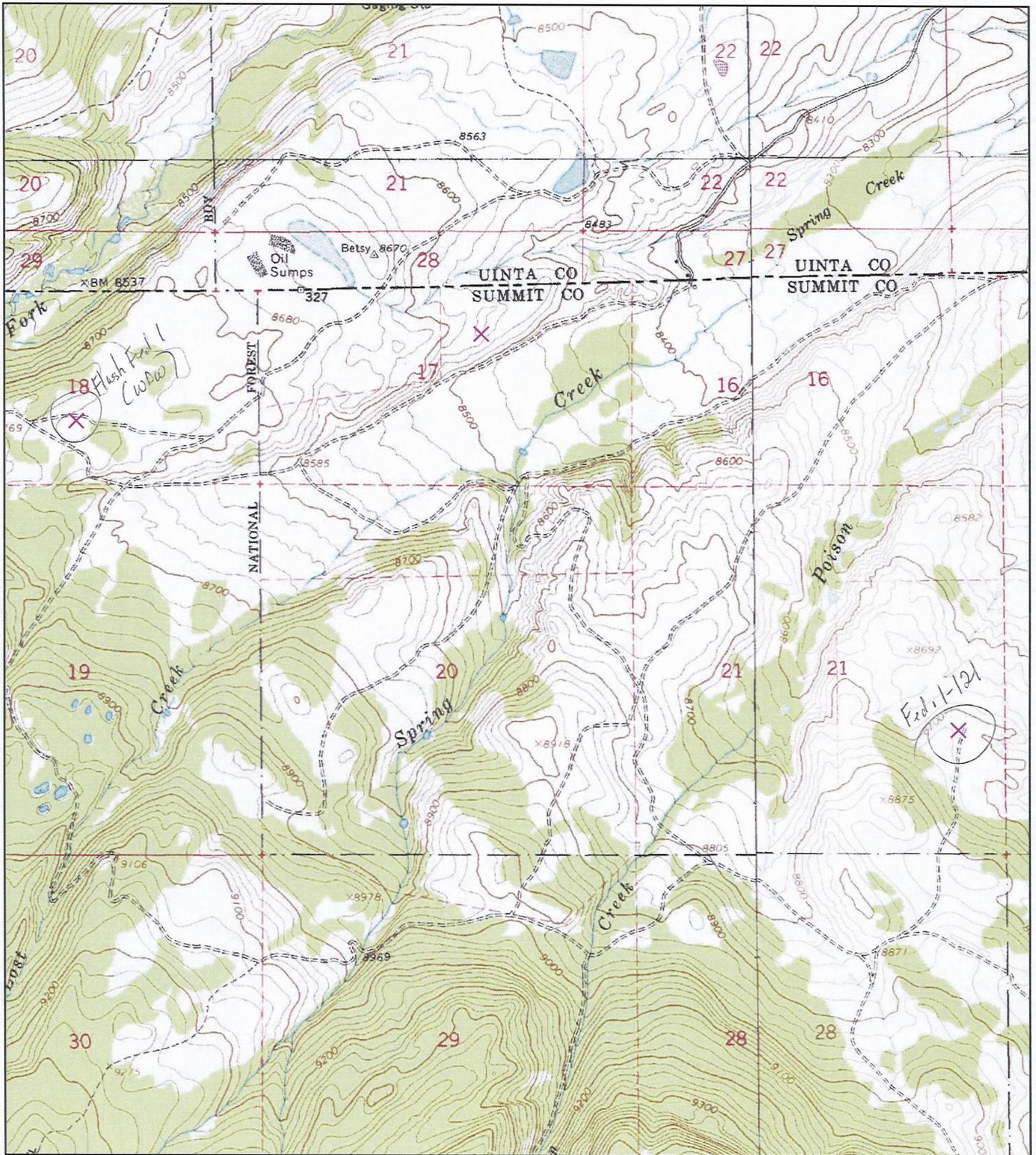
COMMENTS: 880818 ENTITY ADDED: 90030

Create New Rec

10/18/11

Mr. Morris, as per our conversation today attached is information regarding the well (Fed. 1-121) that was drilled on Lyman Grazing Assoc. property and 3 examples of Landowners Releases that I have dealt with in the past. Please review the info. in well site if needed to confirm whether or not the operator has complied with your landowners agreement. If so, please submit a "Landowners release of liability" to the Division so that we can close out this file. Thank you,
 Lisha





Union Oil Co of California
 Sec. 21, T3N, R15E
 Summit County, Utah

Prepared By: Lisha Cordova
 (10/20/11)



REHABILITATION PLAN

Lease No.: (Fed) U-55715 ; Well Name and No.: Federal 1-121 ;
Location: 1780' FSL & 660' FEL , Sec. 21 , T. 3 N., R. 15 E.

Summit Co., UT Union Oil Company intends to drill a well on surface owned by Lyman Grazing Association. The lessee/operator agrees to complete the following rehabilitation work if the well is a producer:

- [X] Yes [] No Maintain access road and provide adequate drainage to road.
[X] Yes [] No Reshape and reseed any area not needed for maintenance of the pump and support facilities.

Other requirements:

The following work will be completed when the well is abandoned:

- [X] Yes [] No Pit will be fenced until dry, then filled to conform to surrounding topography.
[X] Yes [] No Water bars will be constructed as deemed necessary.
[X] Yes [] No Site will require reshaping to conform to surrounding topography.
[X] Yes [] No Entire disturbed area will be reseeded. If yes, the following seed mixture will be used:
[] Yes [X] No Access road will be closed, rehabilitated and reseeded using the same seed mixture as above.
[X] Yes [] No Access road will remain for surface owner's use.
[X] Yes [X] No Water bars will be constructed on the access road as deemed necessary.

Other requirements: Land will be restored as close as possible to original conditions

Surface Owner:
Name: Lyman Grazing Association
Address: P. O. Box 458
City: Lyman
State: WY
Telephone: (307) 782-7383
Date: 10-29-87

Operator/Lessee
Name: Union Oil Company of California
Address: P. O. Box 2620
City: Casper
State: WY 82602-2620
Telephone: (307) 234-1563
Date: 10-23-87

I CERTIFY that the Rehabilitation Plan has been approved by me, the surface owner:

Lyman Grazing Association
(Surface owner's signature)
by O. N. ... Sec

This plan covers rehabilitation requirements only and does not affect any other agreements between the lessee/operator and surface owner.