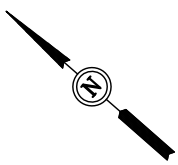


BERRY PETROLEUM COMPANY

ADDENDUM TO LEGAL PLAT FOR

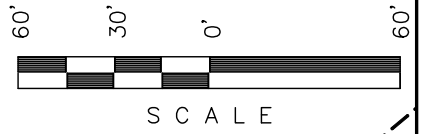
WELL PAD B21 696  
SECTION 21, T6S, R96W, 6th P.M.  
NE 1/4 NE 1/4



SCALE: 1" = 60'  
DATE: 02-27-12  
DRAWN BY: D.R.B.

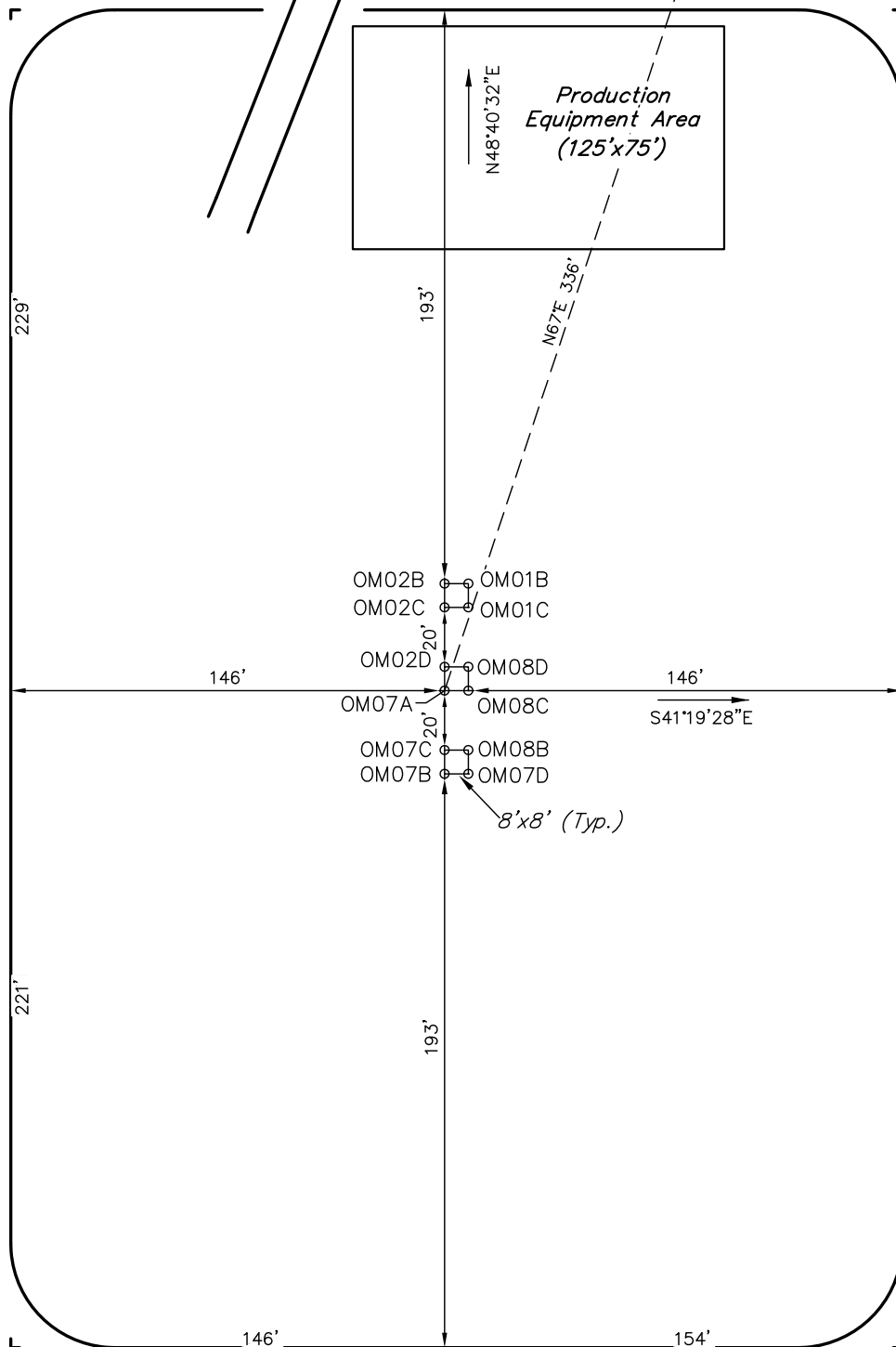


© SHP OM02A  
© SHP OM01D  
© SHP OM13C  
© SHP OM01C  
© SHP OM13B  
© SHP OM01B  
© SHP OM01A (Vert. Hole)  
© SHP OM02A



Proposed Access Road

Existing Well Pad A21-696



SWMP LEGEND:

- SCE - STABILIZED CONSTRUCTION ENTRANCE
- ST - SEDIMENT TRAP

SURFACE USE OF LOCATION IS GRAZING, VEGETATION CONSISTS MAINLY OF SAGEBRUSH, OAK BRUSH & NATIVE GRASSES.

SCALE: 1" = 50'  
 DATE: 02-16-12  
 DRAWN BY: J.P.A

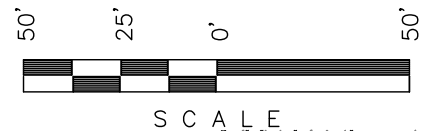
**BERRY PETROLEUM COMPANY**

CONSTRUCTION LAYOUT FOR

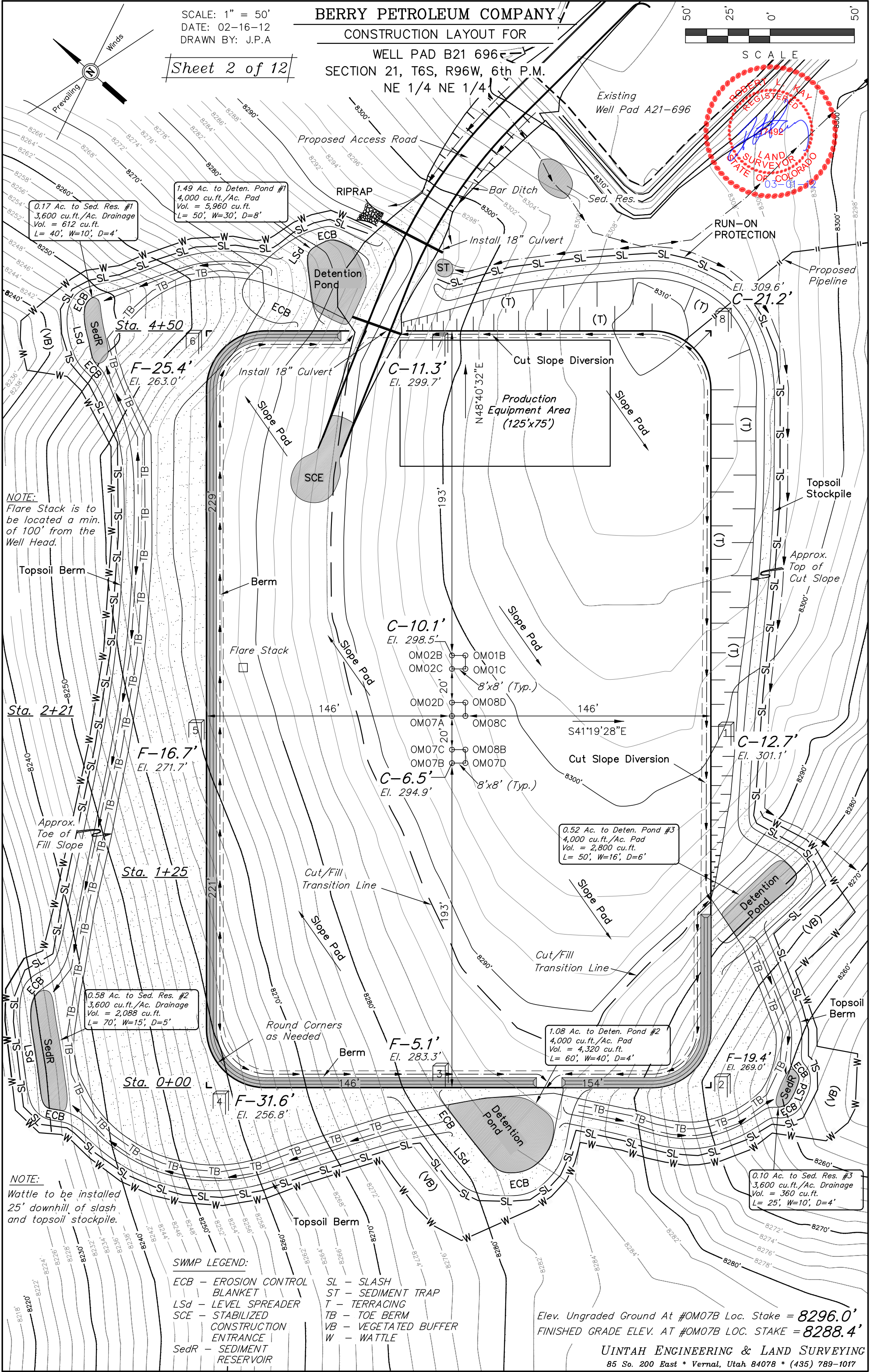
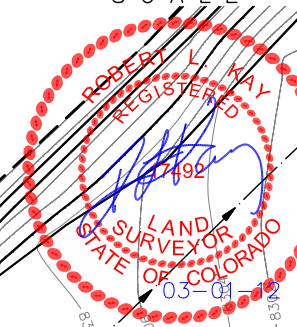
WELL PAD B21 696

SECTION 21, T6S, R96W, 6th P.M.

NE 1/4 NE 1/4



Sheet 2 of 12



NOTE:  
 Flare Stack is to be located a min. of 100' from the Well Head.

NOTE:  
 Wattle to be installed 25' downhill of slash and topsoil stockpile.

1.49 Ac. to Deten. Pond #1  
 4,000 cu.ft./Ac. Pad  
 Vol. = 5,960 cu.ft.  
 L= 50', W=30', D=8'

0.17 Ac. to Sed. Res. #1  
 3,600 cu.ft./Ac. Drainage  
 Vol. = 612 cu.ft.  
 L= 40', W=10', D=4'

0.52 Ac. to Deten. Pond #3  
 4,000 cu.ft./Ac. Pad  
 Vol. = 2,800 cu.ft.  
 L= 50', W=16', D=6'

1.08 Ac. to Deten. Pond #2  
 4,000 cu.ft./Ac. Pad  
 Vol. = 4,320 cu.ft.  
 L= 60', W=40', D=4'

0.10 Ac. to Sed. Res. #3  
 3,600 cu.ft./Ac. Drainage  
 Vol. = 360 cu.ft.  
 L= 25', W=10', D=4'

**SWMP LEGEND:**

- ECB - EROSION CONTROL BLANKET
- LSD - LEVEL SPREADER
- SCE - STABILIZED CONSTRUCTION ENTRANCE
- SedR - SEDIMENT RESERVOIR
- SL - SLASH
- ST - SEDIMENT TRAP
- T - TERRACING
- TB - TOE BERM
- VB - VEGETATED BUFFER
- W - WATTLE

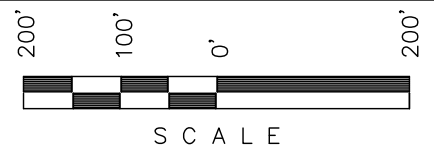
Elev. Ungraded Ground At #OM07B Loc. Stake = 8296.0'  
 FINISHED GRADE ELEV. AT #OM07B LOC. STAKE = 8288.4'

SCALE: 1" = 200'  
DATE: 02-27-12  
DRAWN BY: D.R.B.

# BERRY PETROLEUM COMPANY

## LOCATION DRAWING

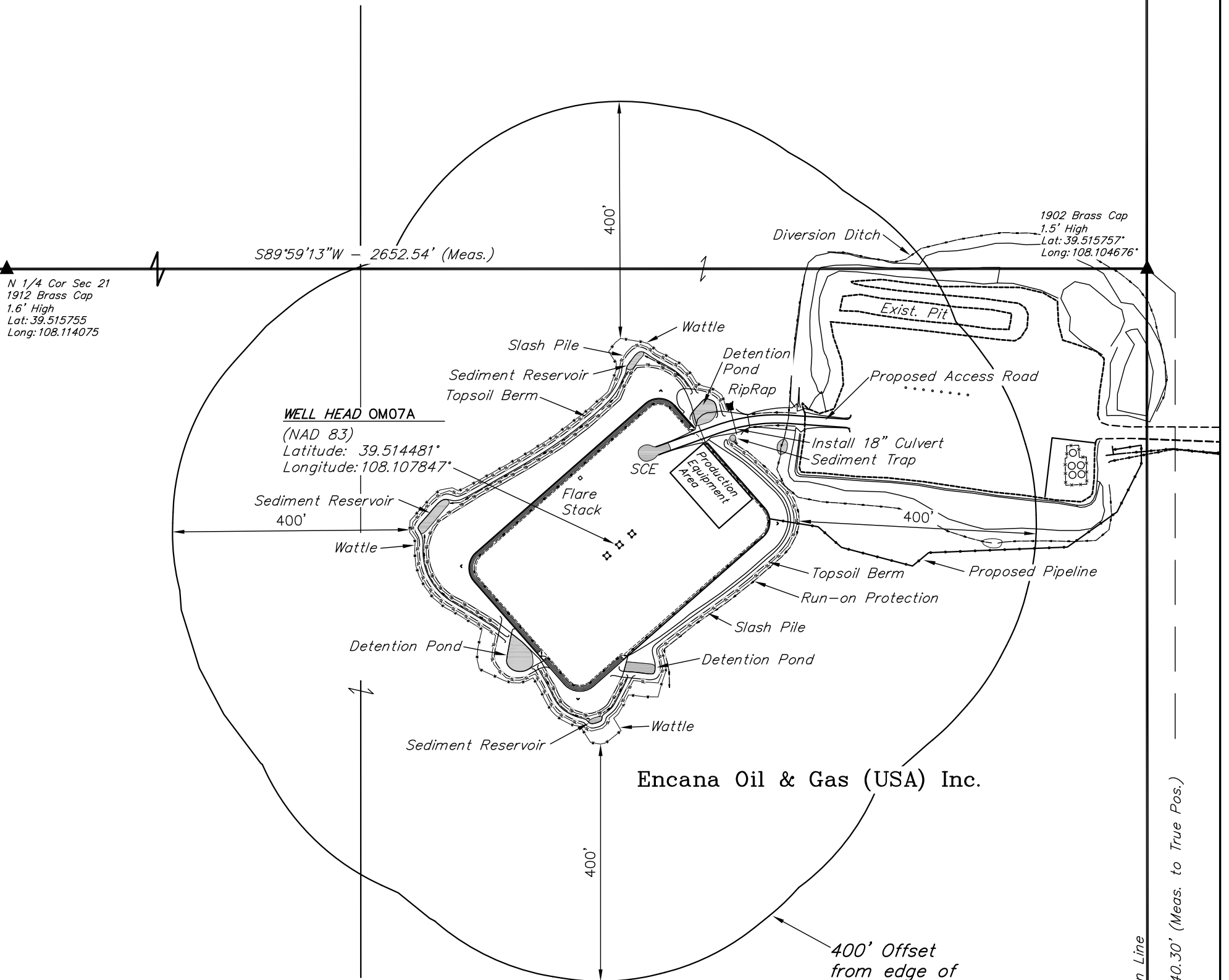
WELL PAD B21 696  
SECTION 21, T6S, R96W, 6th P.M.  
NE 1/4 NE 1/4



Sheet 2a of 12



Encana Oil & Gas (USA) Inc.



Encana Oil & Gas (USA) Inc.

1/16 Section Line

1/16 Section Line

Section Line

N00°02'54"W - 2640.30' (Meas. to True Pos.)

W.C.  
1912 Brass Cap  
1.3' High  
Lat: 39.510128°  
Long: 108.104670°

Encana Oil & Gas (USA) Inc.

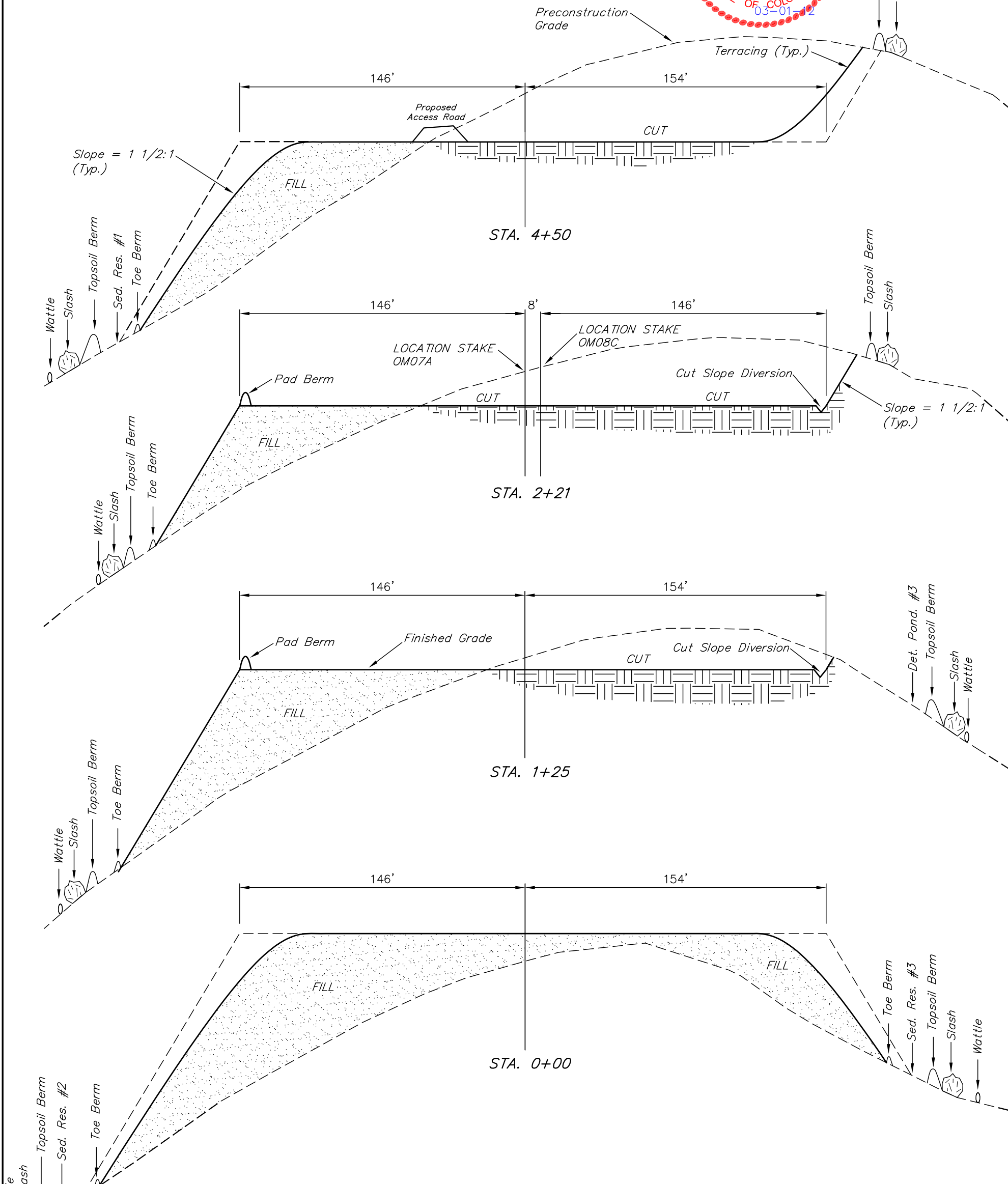
**DISTURBANCE ACREAGE:**  
3.075 ± DRILLING OPERATIONS  
2.662 ± INTERIM RECLAIM

21

**BERRY PETROLEUM COMPANY**  
**CONSTRUCTION LAYOUT CROSS SECTION FOR**  
**WELL PAD B21 696**  
**SECTION 21, T6S, R96W, 6th P.M.**  
**NE 1/4 NE 1/4**

1" = 20'  
 X-Section Scale  
 1" = 50'

DATE: 02-16-12  
 DRAWN BY: J.P.A.



APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 5.531 ACRES  
 ACCESS ROADS DISTURBANCE = ± 0.230 ACRES  
 PIPELINE DISTURBANCE = ± 0.552 ACRES  
**TOTAL = ± 6.313 ACRES**

NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 3,490 Cu. Yds.  
 Remaining Location = 34,960 Cu. Yds.  
**TOTAL CUT = 38,450 CU.YDS.**  
**FILL = 34,650 CU.YDS.**

EXCESS MATERIAL = 3,800 Cu. Yds.  
 Topsoil = 3,490 Cu. Yds.

EXCESS UNBALANCE = 310 Cu. Yds. \*\*  
 (After Interim Rehabilitation)

\* NOTE:  
 FILL QUANTITY INCLUDES 5% FOR COMPACTION  
 \*\*USE EXCESS MATERIAL FROM THIS PAD TO CONSTRUCT ACCESS ROAD

BERRY PETROLEUM COMPANY

TYPICAL RIG LAYOUT FOR

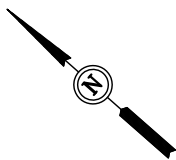
WELL PAD B21 696  
SECTION 21, T6S, R96W, 6th P.M.  
NE 1/4 NE 1/4



SCALE

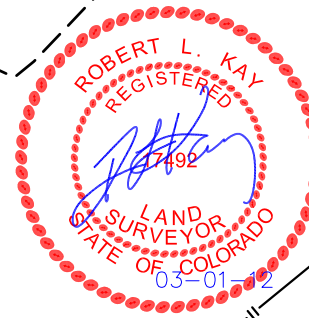
Existing Well Pad A21-696

Sheet 4 of 12

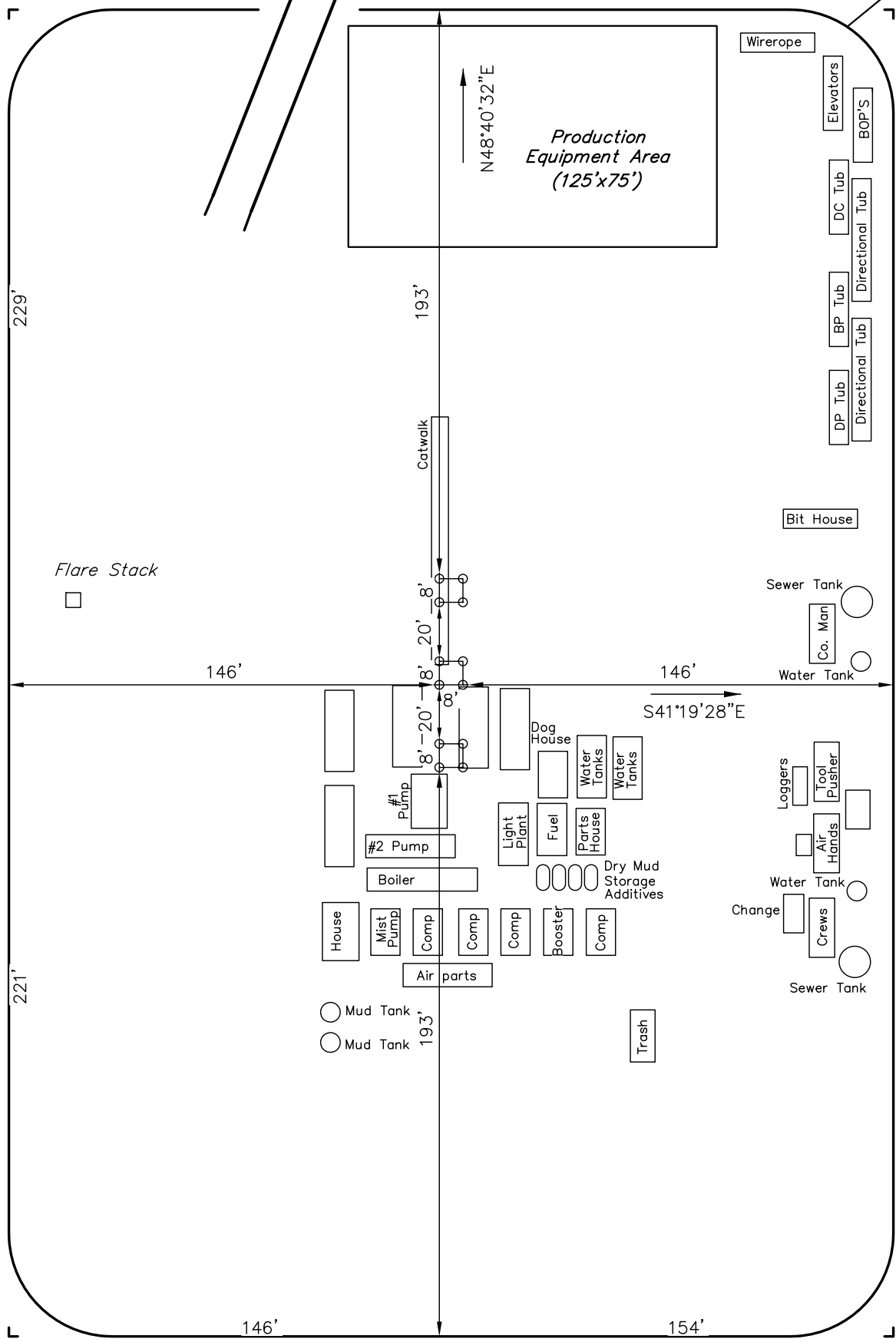


SCALE: 1" = 50'  
DATE: 02-27-12  
DRAWN BY: D.R.B.

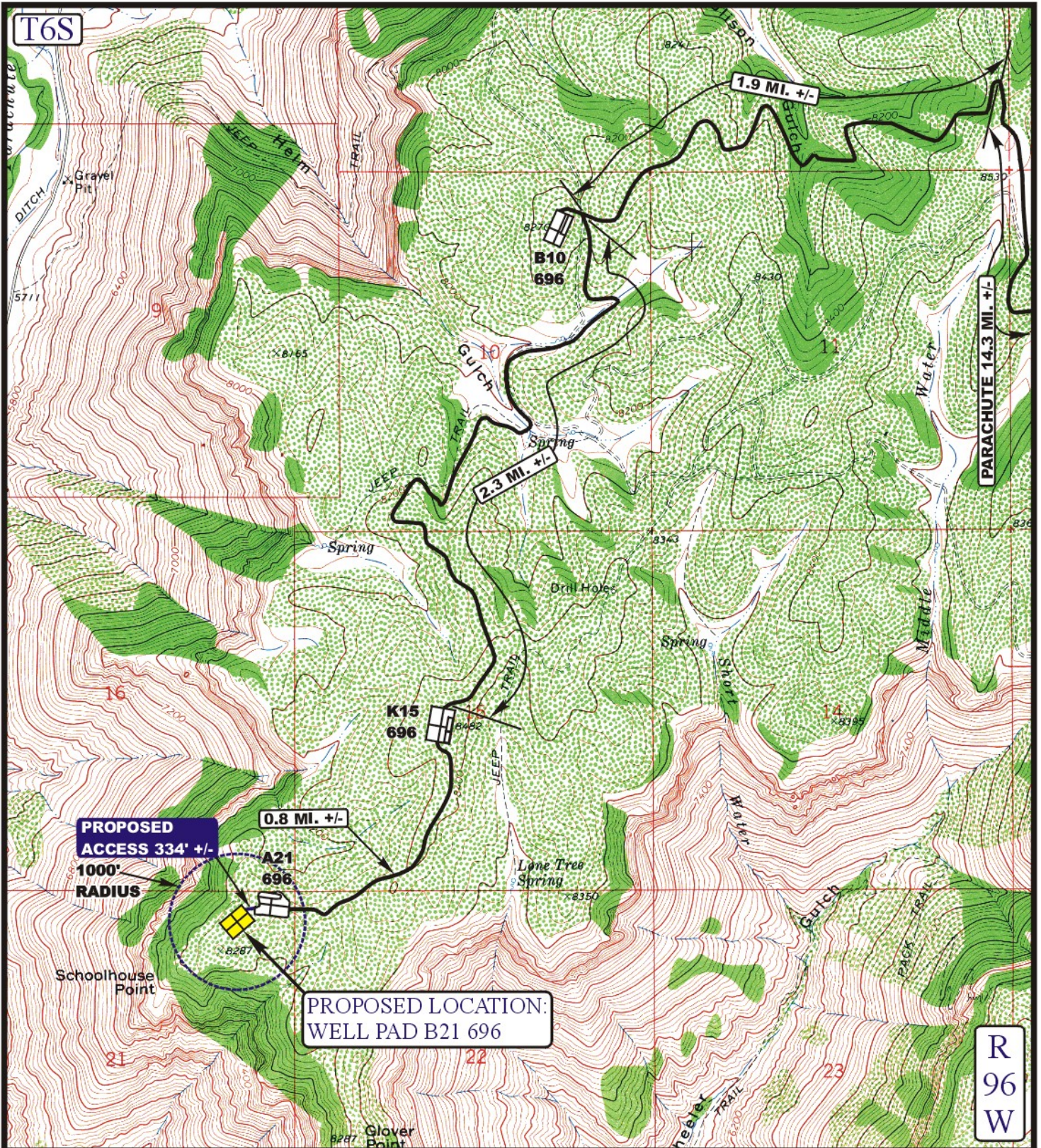
Proposed Access Road



Proposed Pipeline



NOTE:  
Flare Stack is to be located a min. of 100' from the Well Head.



**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD



**BERRY PETROLEUM COMPANY**

WELL PAD B21 696  
 SECTION 21, T6S, R96W, 6th P.M.  
 NE 1/4 NE 1/4

SHEET 5 OF 12



Uintah Engineering & Land Surveying  
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 (435) 789-1017 \* FAX (435) 789-1813

**ACCESS ROAD  
 MAP**

**02 28 12**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00

**B  
 TOPO**

BERRY PETROLEUM COMPANY

BOTTOM HOLE FOOTAGES FOR

WELL PAD B21 696

SECTION 21, T6S, R96W, 6th P.M.

NW 1/4 NE 1/4

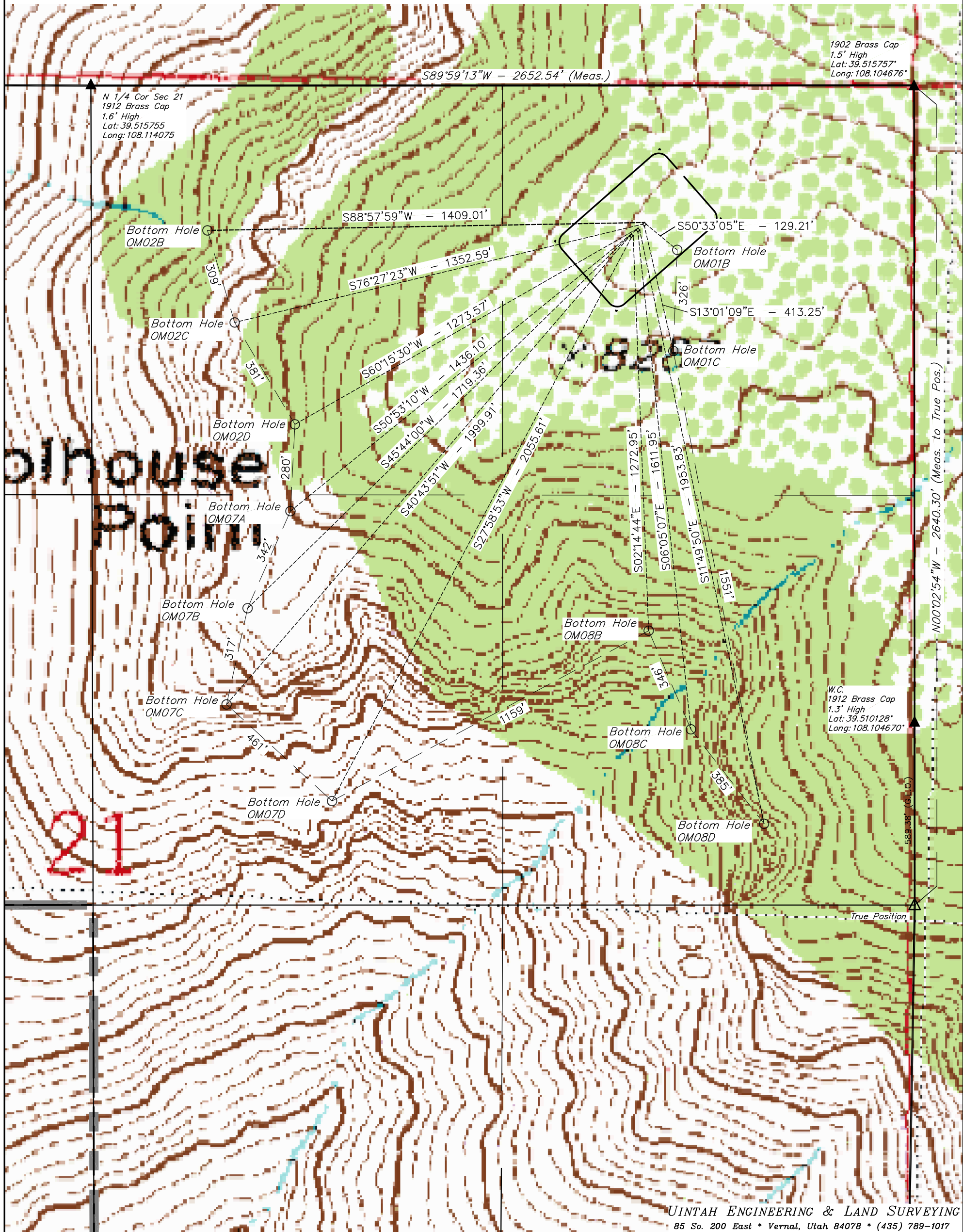


SCALE

Sheet 6 of 12



SCALE: 1" = 300'  
DATE: 02-27-12  
DRAWN BY: D.R.B.



1902 Brass Cap  
1.5' High  
Lat: 39.515757°  
Long: 108.104676°

N 1/4 Cor Sec 21  
1912 Brass Cap  
1.6' High  
Lat: 39.515755  
Long: 108.114075

S89°59'13"W - 2652.54' (Meas.)

S88°57'59"W - 1409.01'

Bottom Hole OM02B

S50°33'05"E - 129.21'

Bottom Hole OM01B

Bottom Hole OM02C

S76°27'23"W - 1352.59'

S13°01'09"E - 413.25'

Bottom Hole OM01C

Bottom Hole OM02D

S60°15'30"W - 1273.57'

S50°53'10"W - 1436.10'

S45°44'00"W - 1719.36'

S40°43'51"W - 1999.91'

S27°58'53"W - 2055.61'

Bottom Hole OM07A

Bottom Hole OM07B

Bottom Hole OM07C

Bottom Hole OM07D

Bottom Hole OM08B

Bottom Hole OM08C

Bottom Hole OM08D

W.C.  
1912 Brass Cap  
1.3' High  
Lat: 39.510128°  
Long: 108.104670°

N00°02'54"W - 2640.30' (Meas. to True Pos.)

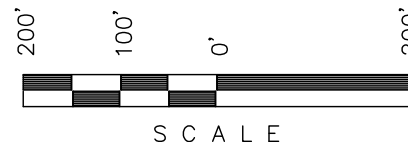
True Position

BERRY PETROLEUM COMPANY

CURRENT FOOTAGE FOR

WELL PAD B21 696  
SECTION 21, T6S, R96W, 6th P.M.  
NW 1/4 NE 1/4

SCALE: 1" = 200'  
DATE: 02-27-12  
DRAWN BY: D.R.B.



Sheet 6a of 12



1902 Brass Cap  
1.5" High  
Lat: 39.515757°  
Long: 108.104676°

N 1/4 Cor Sec 21  
1912 Brass Cap  
1.6" High  
Lat: 39.515755  
Long: 108.114075

S89°59'13"W - 2652.54' (Meas.)

N47°W 7228' to Water Well

S78°W 5280' to Building & Utility

S73°W 5440' to Surface Water

S62°W 4910' to Public Road (CR 215)

S39°W 2792' to Property Line

S18°E 15,070' to Railroad

1/16 Section Line

N00°02'54"W - 2640.30' (Meas. to True Pos.)

Section Line

W.C.  
1912 Brass Cap  
1.3" High  
Lat: 39.510128  
Long: 108.104670

589.38' (G.L.O.)

21

True Position

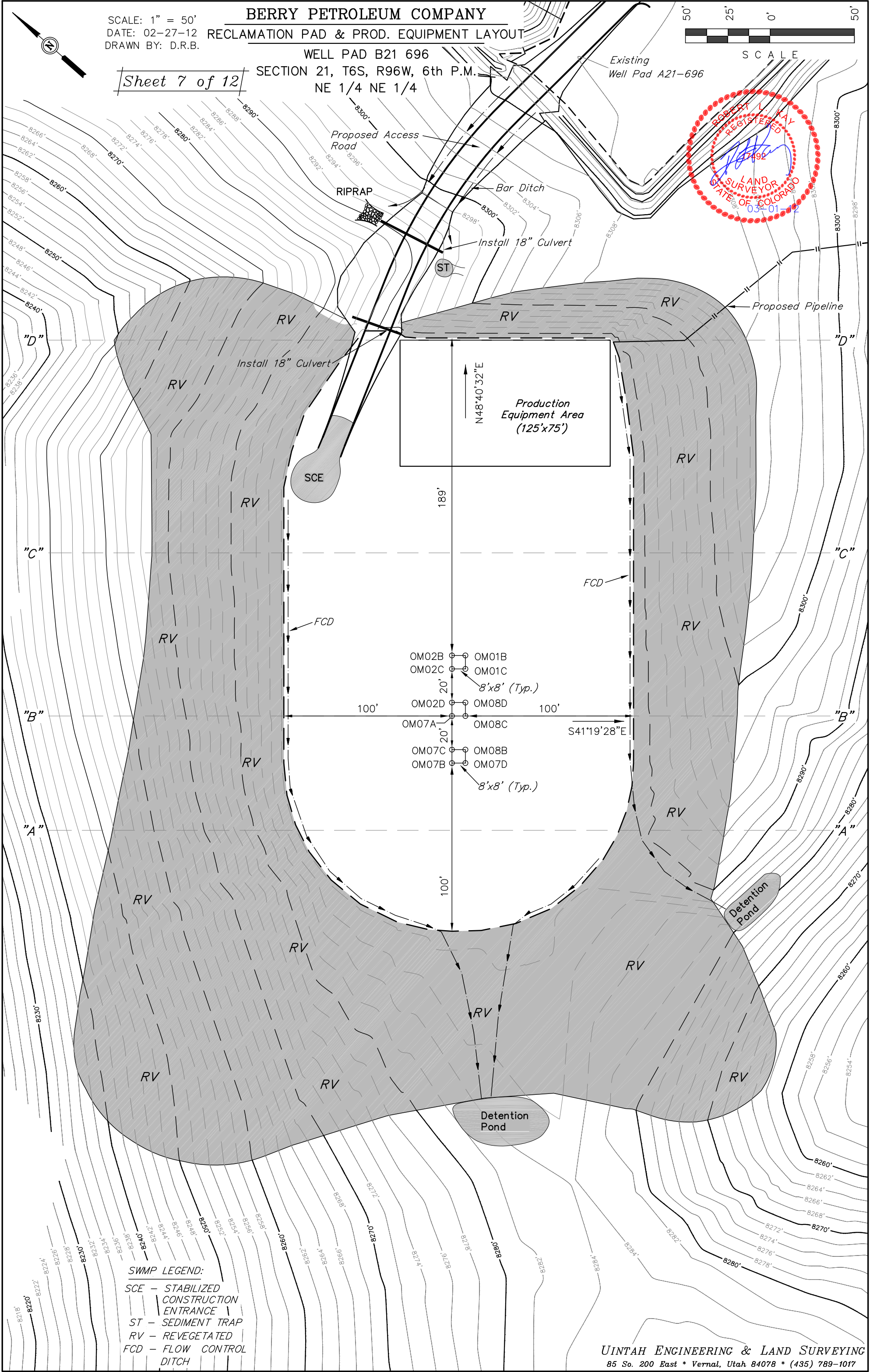
SCALE: 1" = 50'  
DATE: 02-27-12  
DRAWN BY: D.R.B.

# BERRY PETROLEUM COMPANY

## RECLAMATION PAD & PROD. EQUIPMENT LAYOUT

WELL PAD B21 696  
SECTION 21, T6S, R96W, 6th P.M.  
NE 1/4 NE 1/4

Sheet 7 of 12



- SWMP LEGEND:**
- SCE - STABILIZED CONSTRUCTION ENTRANCE
  - ST - SEDIMENT TRAP
  - RV - REVEGETATED
  - FCD - FLOW CONTROL DITCH

SCALE: 1" = 50'  
DATE: 02-27-12  
DRAWN BY: D.R.B.

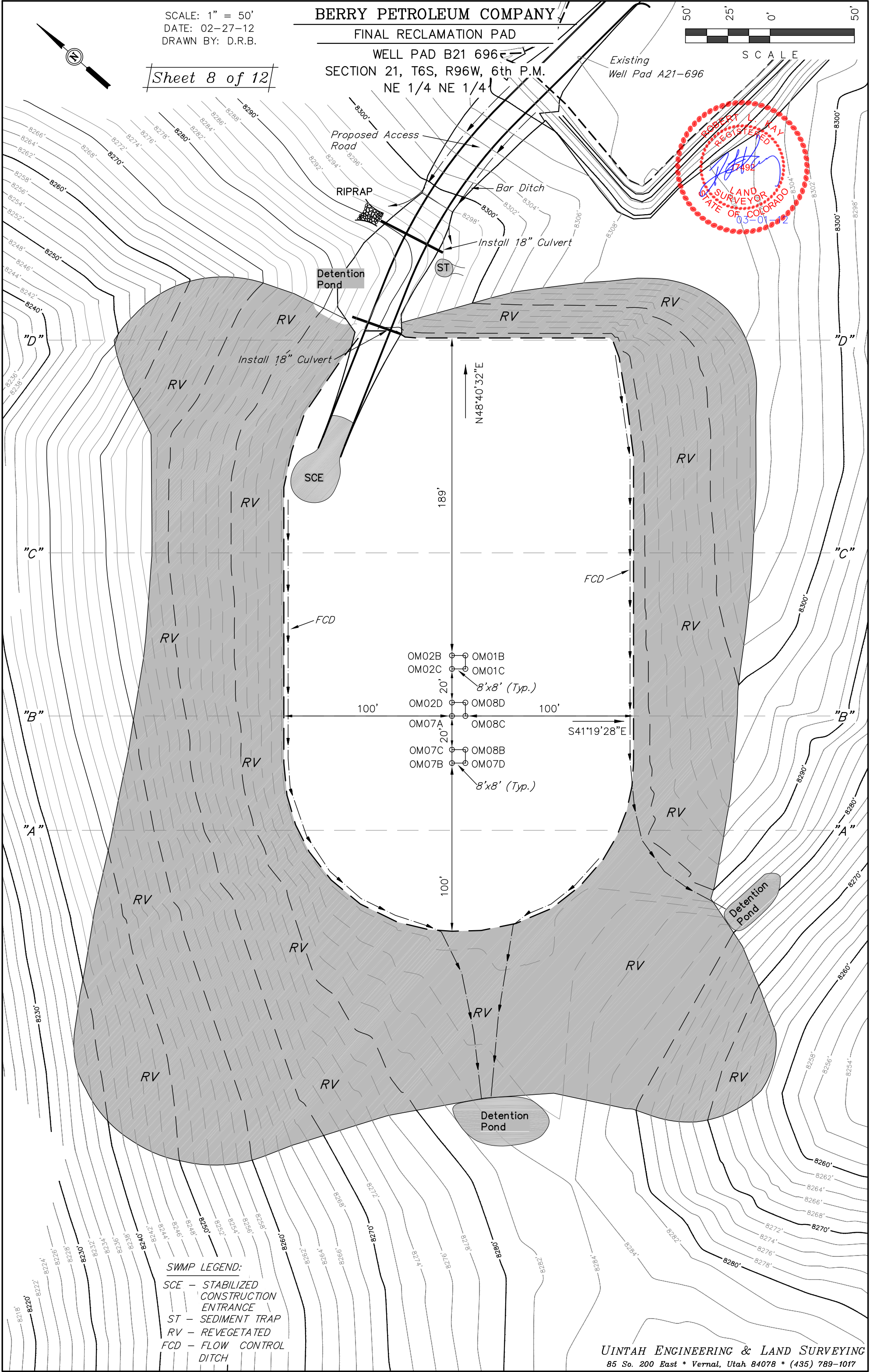
# BERRY PETROLEUM COMPANY

## FINAL RECLAMATION PAD

WELL PAD B21 696  
SECTION 21, T6S, R96W, 6th P.M.  
NE 1/4 NE 1/4



Sheet 8 of 12



- SWMP LEGEND:**
- SCE - STABILIZED CONSTRUCTION ENTRANCE
  - ST - SEDIMENT TRAP
  - RV - REVEGETATED
  - FCD - FLOW CONTROL DITCH

BERRY PETROLEUM COMPANY

CROSS SECTION FINAL RECLAMATION

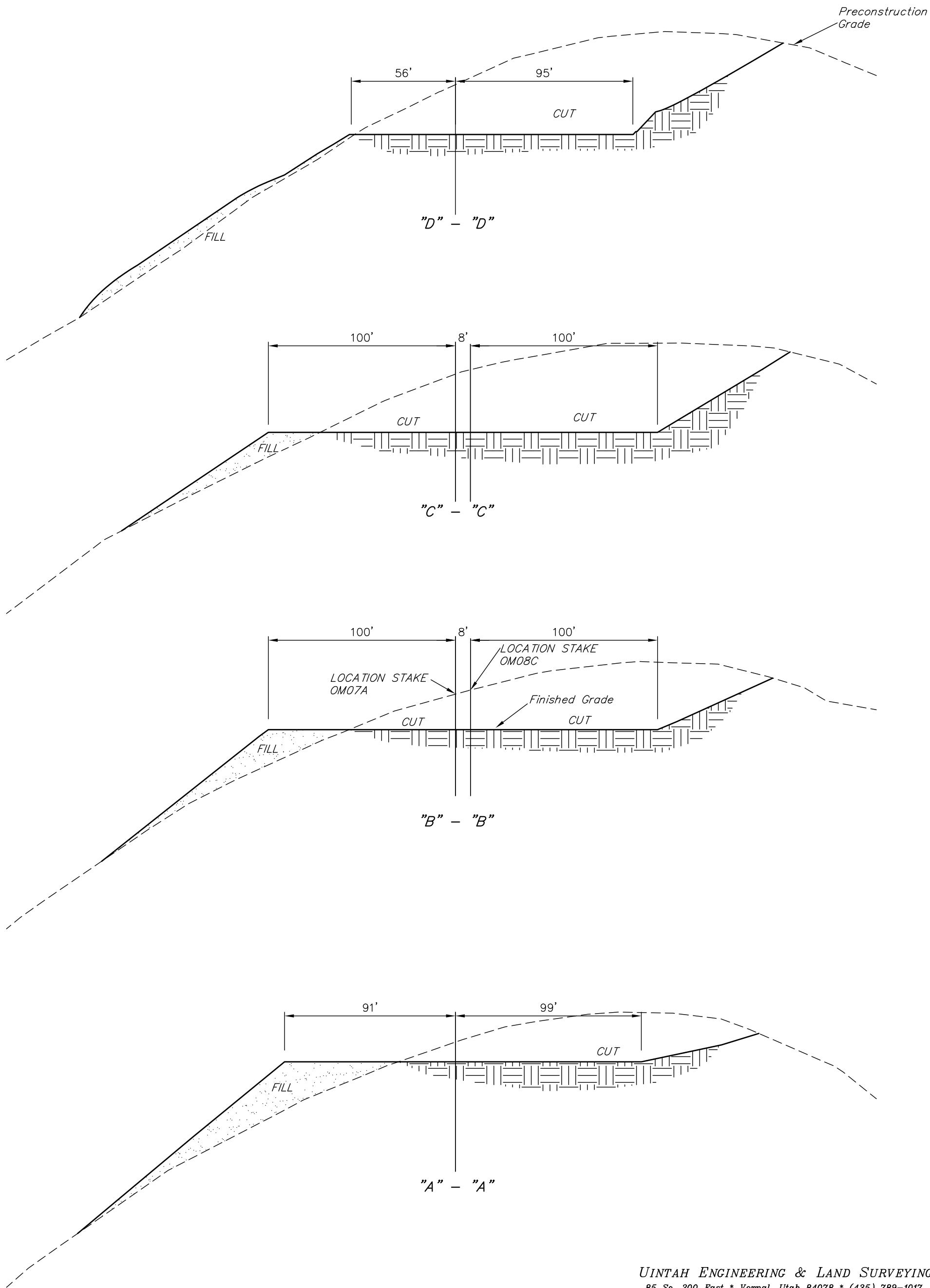
WELL PAD B21 696

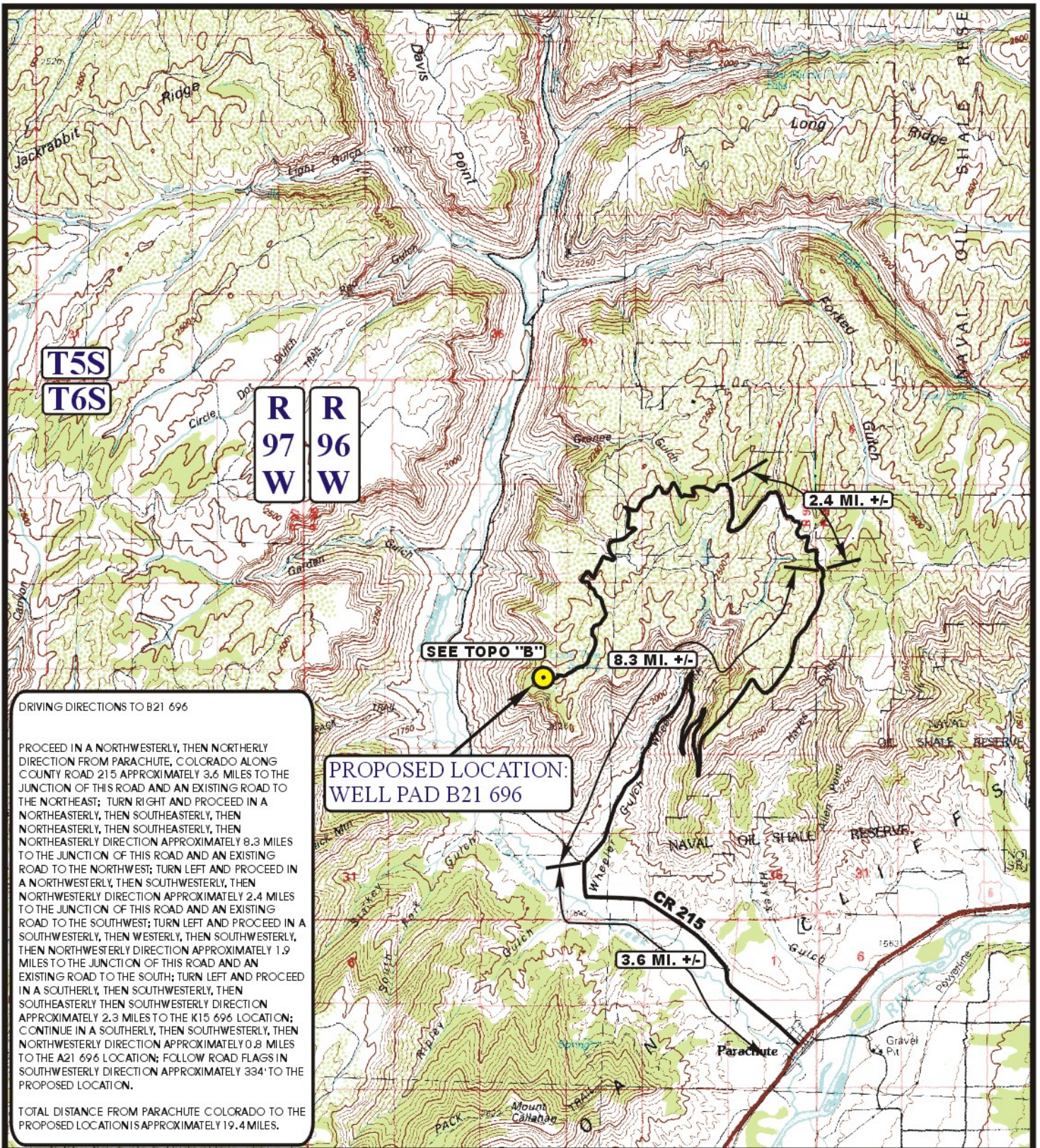
SECTION 21, T6S, R96W, 6th P.M.

NE 1/4 NE 1/4

1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 02-28-12  
DRAWN BY: D.R.B.





**DRIVING DIRECTIONS TO B21 696**

PROCEED IN A NORTHWESTERLY, THEN NORTHERLY DIRECTION FROM PARACHUTE, COLORADO ALONG COUNTY ROAD 215 APPROXIMATELY 3.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY, THEN SOUTHEASTERLY, THEN NORTHEASTERLY, THEN SOUTHEASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 8.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY, THEN SOUTHWESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 2.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY, THEN WESTERLY, THEN SOUTHWESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY, THEN SOUTHEASTERLY THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.3 MILES TO THE K15 696 LOCATION; CONTINUE IN A SOUTHERLY, THEN SOUTHWESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.8 MILES TO THE A21 696 LOCATION; FOLLOW ROAD FLAGS IN SOUTHWESTERLY DIRECTION APPROXIMATELY 334' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM PARACHUTE COLORADO TO THE PROPOSED LOCATION IS APPROXIMATELY 19.4 MILES.

**PROPOSED LOCATION:  
WELL PAD B21 696**

**LEGEND:**

**PROPOSED LOCATION**



**BERRY PETROLEUM COMPANY**

WELL PAD B21 696  
SECTION 21, T6S, R96W, 6th P.M.  
NE 1/4 NE 1/4

SHEET 10 OF 12

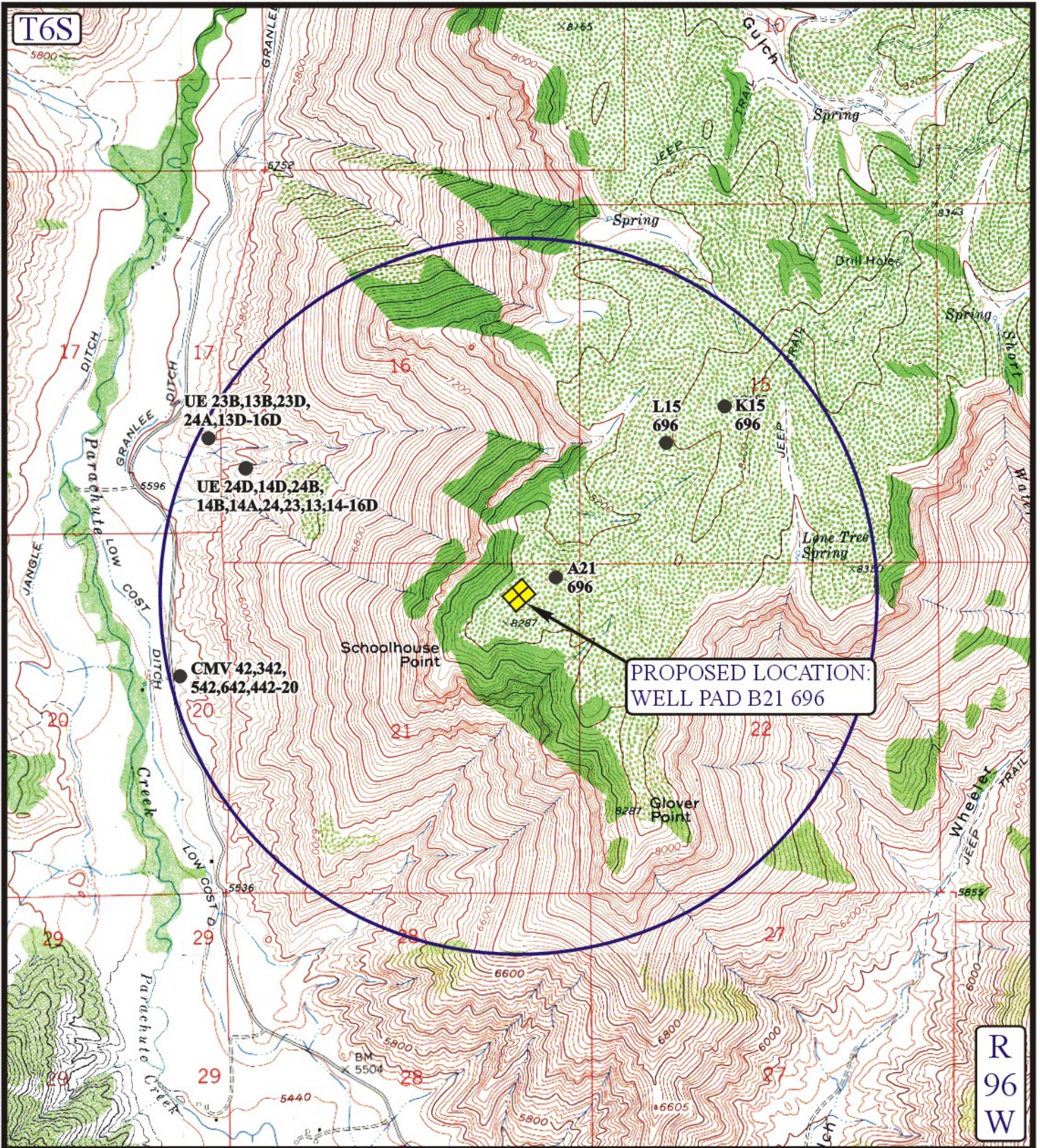
**U&L S** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**ACCESS ROAD MAP**

02 28 12  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: J.L.G. REVISED: 00-00-00





**LEGEND:**

- |                   |                         |
|-------------------|-------------------------|
| ⊘ DISPOSAL WELLS  | ⊘ WATER WELLS           |
| ● PRODUCING WELLS | ● ABANDONED WELLS       |
| ● SHUT IN WELLS   | ● TEMPORARILY ABANDONED |



**BERRY PETROLEUM COMPANY**

WELL PAD B21 696  
 SECTION 21, T6S, R96W, 6th P.M.  
 NE 1/4 NE 1/4

SHEET 11 OF 12



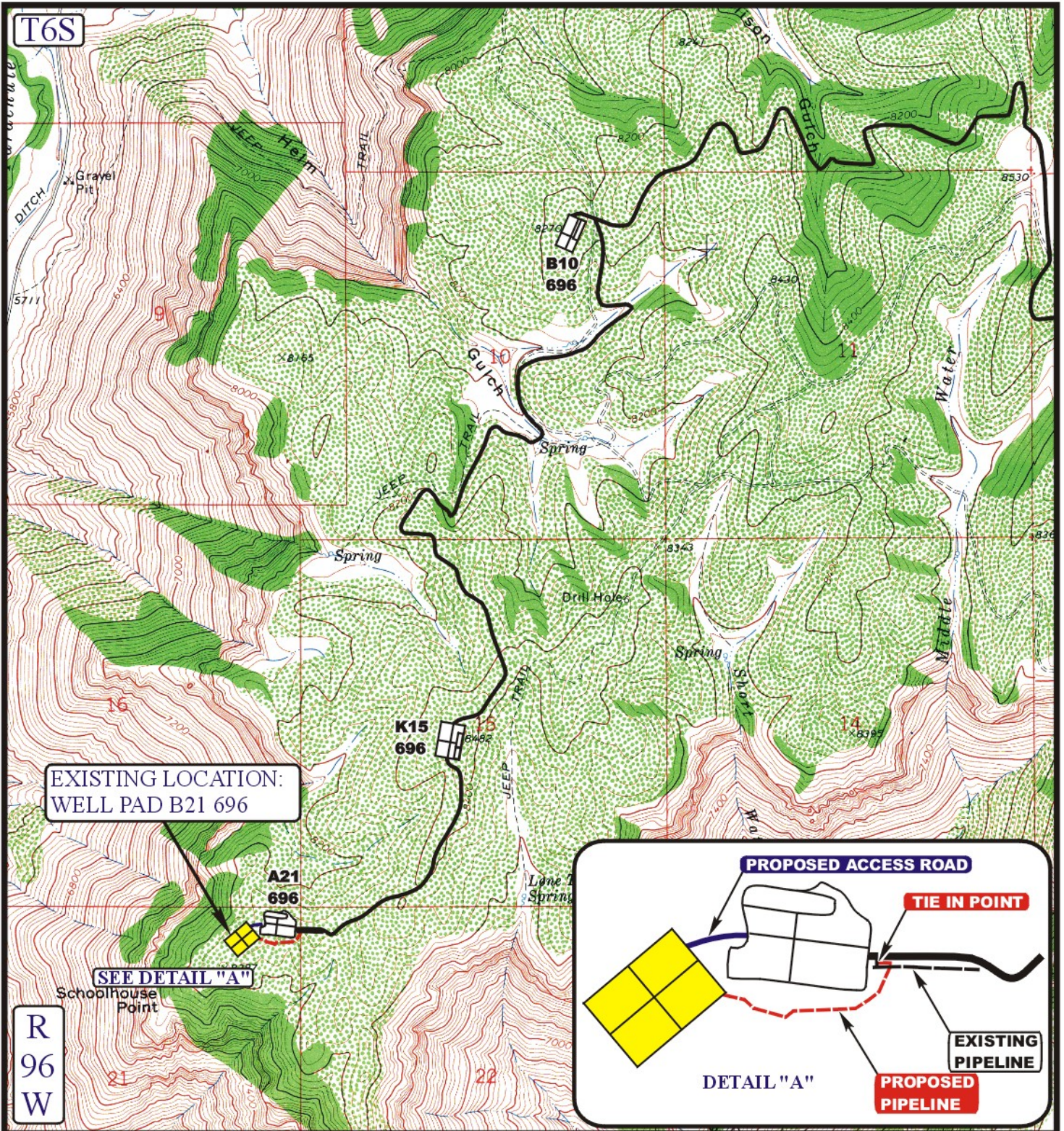
Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
 MAP**

**02 28 12**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00





**APPROXIMATE TOTAL PIPELINE DISTANCE = 802' +/-**

**LEGEND:**

- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED ACCESS

**BERRY PETROLEUM COMPANY**

WELL PAD B21 696  
SECTION 21, T6S, R96W, 6th P.M.  
NE 1/4 NE 1/4

SHEET 12 OF 12

**UEIS**  
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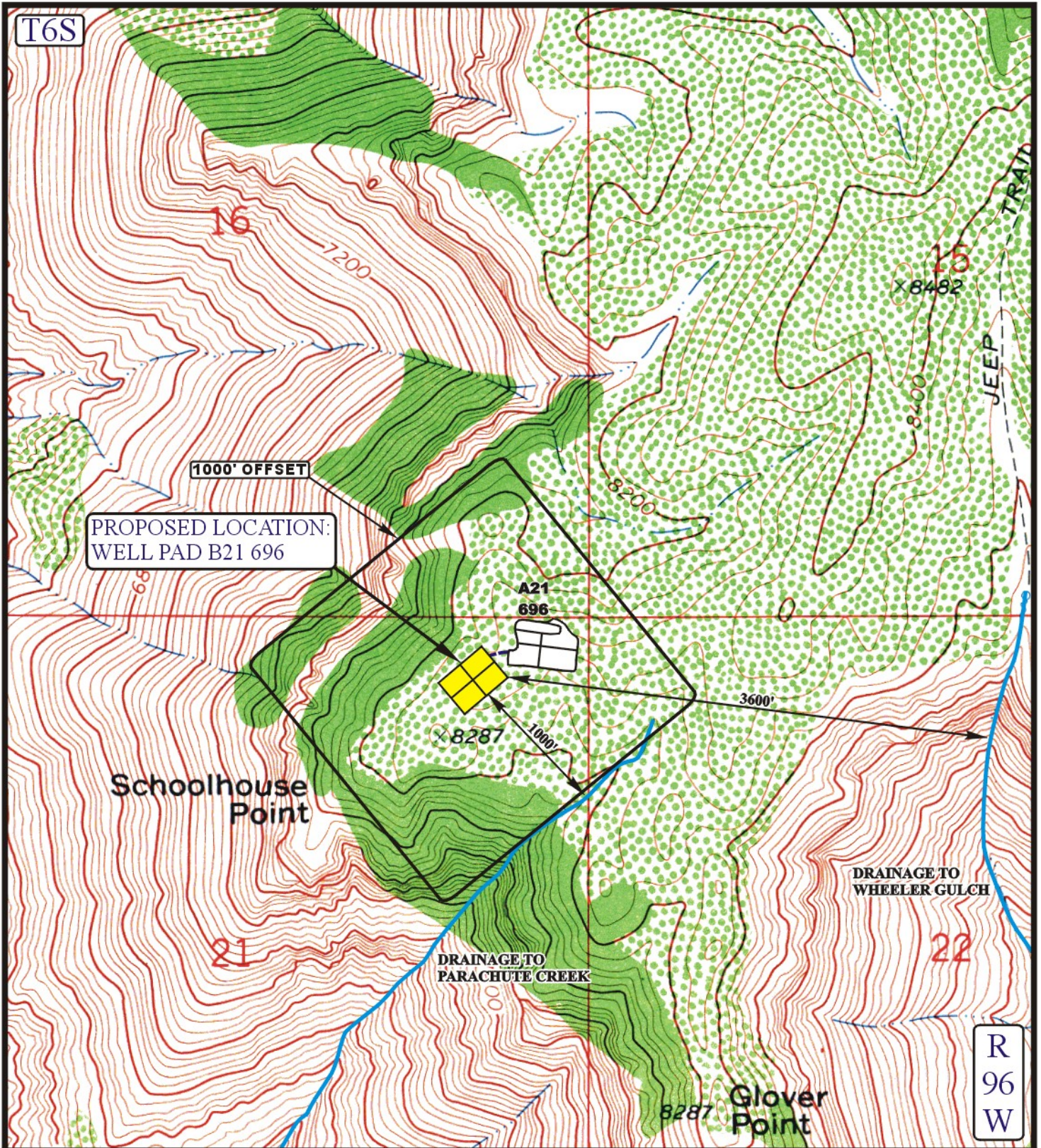


**TOPOGRAPHIC MAP**

02 28 12  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00

**D**  
 TOPO



**LEGEND:**

- EXISTING ROAD
-  WATER WELL



**BERRY PETROLEUM COMPANY**

WELL PAD B21 696  
SECTION 21, T6S, R96W, 6th P.M.  
NE 1/4 NE 1/4



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
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**HYDROLOGY  
MAP**

**02 28 12**  
MONTH DAY YEAR



SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00

# BERRY PETROLEUM COMPANY

## WELL PAD B21 696

LOCATED IN GARFIELD COUNTY, COLORADO

SECTION 21, T6S, R96W, 6th P.M.



PHOTO: VIEW FROM CORNER #1 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

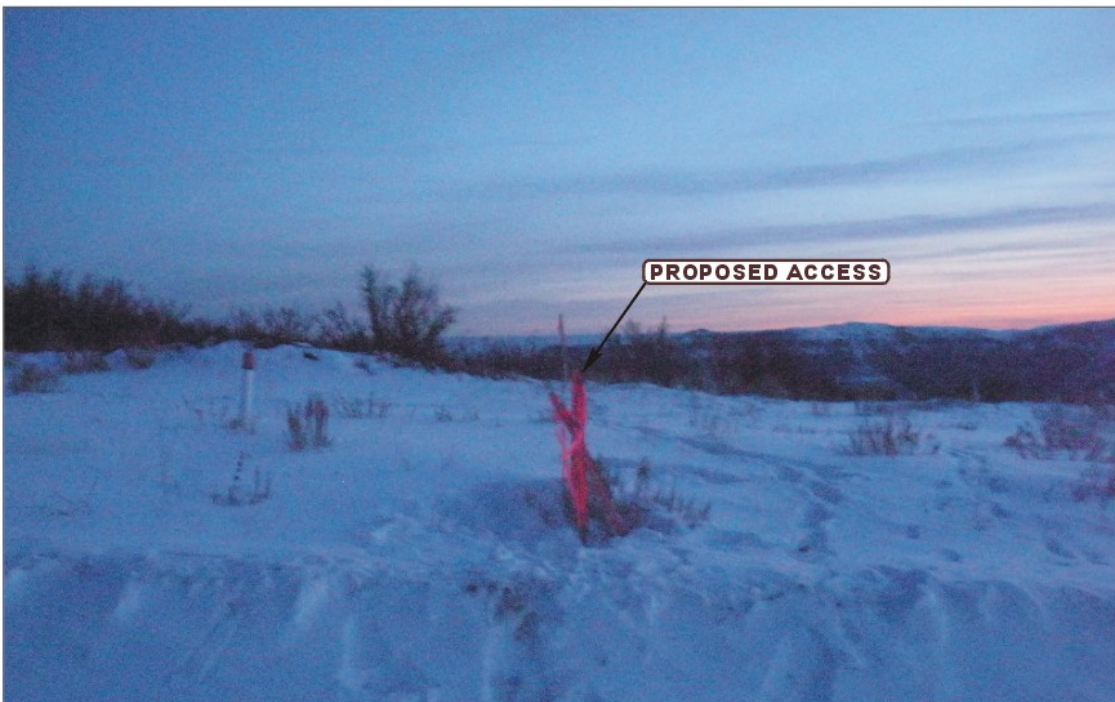


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



**U** **E** **L** **S** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

- Since 1964 -

LOCATION PHOTOS

02 28 12  
MONTH DAY YEAR

PHOTO

P1

TAKEN BY: B.J.

DRAWN BY: J.L.G.

REVISED: 00-00-00

# BERRY PETROLEUM COMPANY

## WELL PAD B21 696

LOCATED IN GARFIELD COUNTY, COLORADO

SECTION 21, T6S, R96W, 6th P.M.



PHOTO: VIEW OF LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW OF LOCATION STAKE

CAMERA ANGLE: SOUTHERLY



- Since 1964 -

**U** Uintah Engineering & Land Surveying  
**E** 85 South 200 East Vernal, Utah 84078  
**L** (435) 789-1017 \* FAX (435) 789-1813  
**S**

LOCATION PHOTOS

02 28 12  
MONTH DAY YEAR

TAKEN BY: B.J.

DRAWN BY: J.L.G.

REVISED: 00-00-00

PHOTO  
**P2**

# BERRY PETROLEUM COMPANY

## WELL PAD B21 696

LOCATED IN GARFIELD COUNTY, COLORADO

SECTION 21, T6S, R96W, 6th P.M.



PHOTO: VIEW OF LOCATION STAKE

CAMERA ANGLE: EASTERLY



PHOTO: VIEW OF LOCATION STAKE

CAMERA ANGLE: WESTERLY



- Since 1964 -

**U** Uintah Engineering & Land Surveying  
**E** 85 South 200 East Vernal, Utah 84078  
**L** (435) 789-1017 \* FAX (435) 789-1813  
**S**

LOCATION PHOTOS

02 28 12  
MONTH DAY YEAR

TAKEN BY: B.J.

DRAWN BY: J.L.G.

REVISED: 00-00-00

PHOTO  
**P3**