

☐ AMENDED REPORT

Certificate Number:

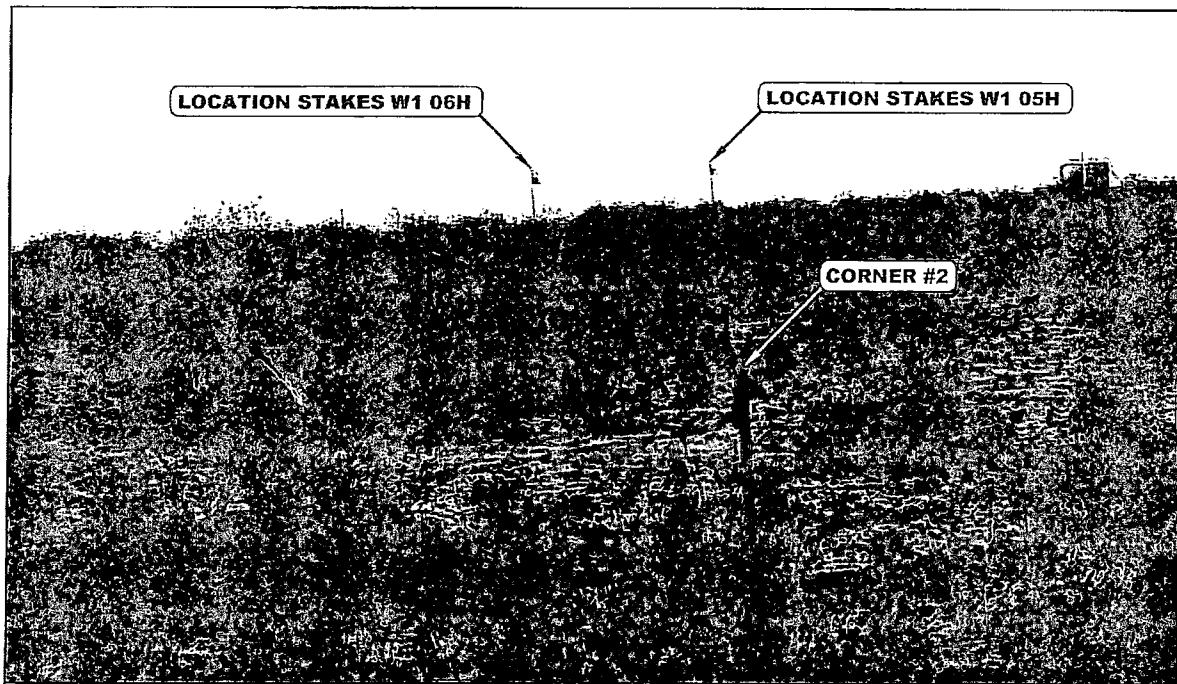


PHOTO: VIEW FROM CORNER #2 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

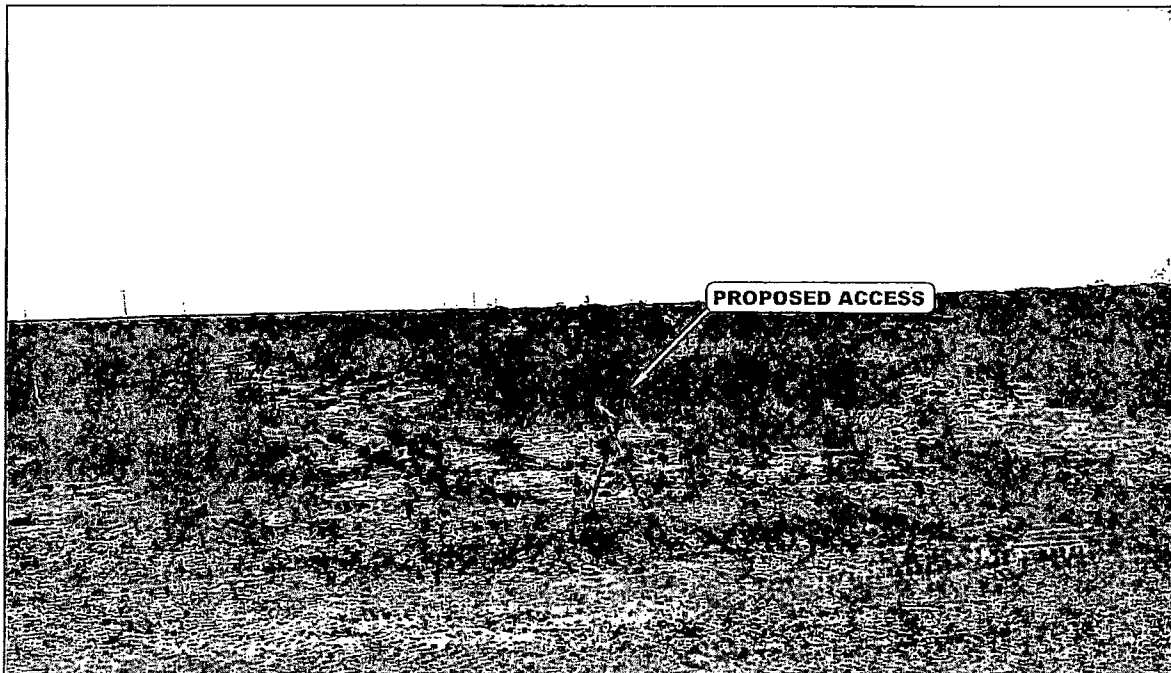


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY

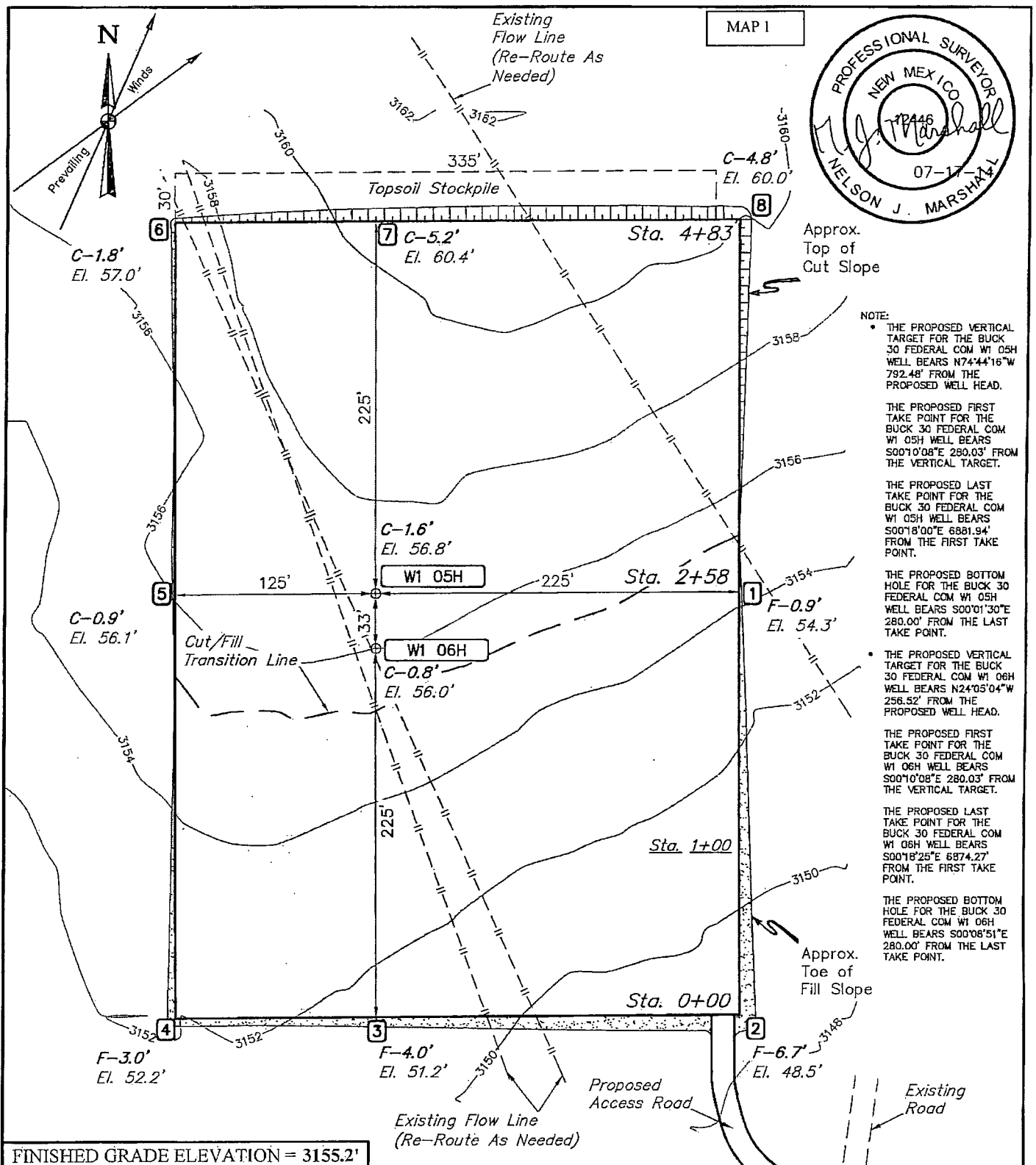
### ConocoPhillips Company

BUCK 30 FEDERAL COM W1 05H & 06H  
SECTION 30, T26S, R32E, N.M.P.M.  
NE 1/4 NW 1/4



**UELS, LLC**  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

DRAWN BY: M.L.	DATE DRAWN: 06-24-14
TAKEN BY: J.V.	REVISED: 00-00-00
<b>LOCATION PHOTOS</b>	<b>PHOTO</b>



- NOTES:**
- Flare pit is to be located a min. of 100' from the wellhead.
  - Contours shown at 2' intervals.
  - Underground utilities shown on this sheet are for visualization purposes only, actual locations to be determined prior to construction.

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**BUCK 30 FEDERAL COM**  
**W1 05H & 06H**  
**SECTION 30, T26S, R32E, N.M.P.M.**  
**NE 1/4 NW 1/4**

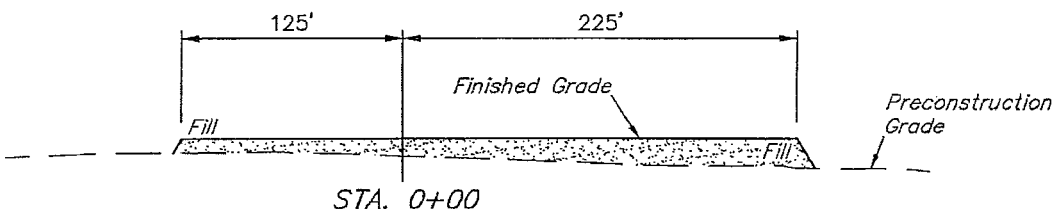
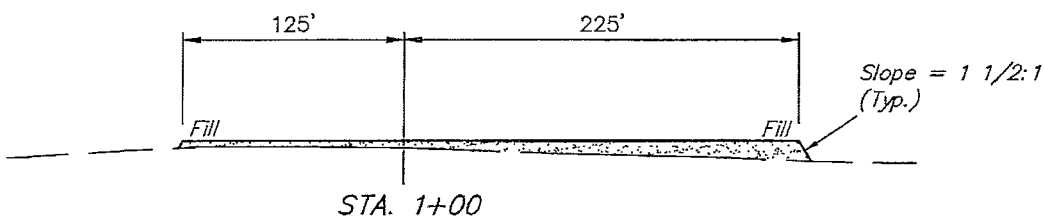
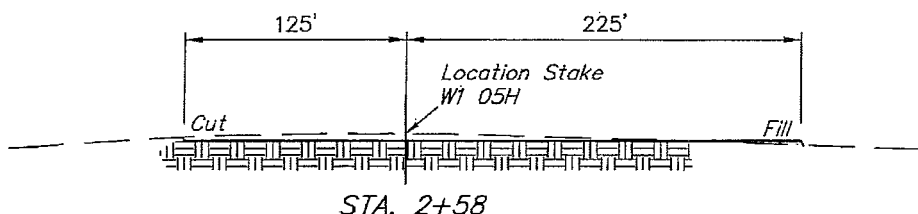
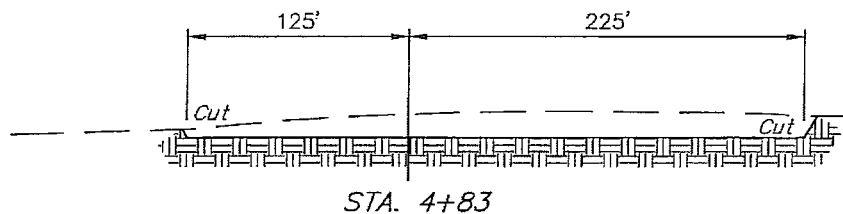
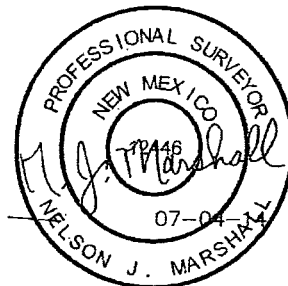
DRAWN BY: J.T.	DATE DRAWN: 06-30-14
SCALE: 1" = 80'	REVISED: 07-16-14 J.T.
<b>LOCATION LAYOUT</b>	<b>FIGURE #1</b>



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X-Section  
Scale  
1" = 40'  
1" = 100'

MAP 2



#### APPROXIMATE EARTHWORK QUANTITIES

(3") TOPSOIL STRIPPING	1,640 Cu. Yds.
REMAINING LOCATION	8,450 Cu. Yds.
<b>TOTAL CUT</b>	<b>10,090 Cu. Yds.</b>
<b>FILL</b>	<b>8,450 Cu. Yds.</b>
EXCESS MATERIAL	1,640 Cu. Yds.
TOPSOIL	1,640 Cu. Yds.
<b>EXCESS UNBALANCE</b> (After Interim Rehabilitation)	<b>0 Cu. Yds.</b>

#### APPROXIMATE SURFACE DISTURBANCE AREAS

	DISTANCE	ACRES
WELL SITE DISTURBANCE	NA	±4.250
20' WIDE ACCESS ROAD R-O-W DISTURBANCE	±154.12'	±0.071
30' WIDE PIPELINE R-O-W DISTURBANCE	±914.04'	±0.630
<b>TOTAL SURFACE USE AREA</b>	<b>±1068.16'</b>	<b>±4.951</b>

#### NOTES:

- Fill quantity includes 5% for compaction.
- Calculations based on 3" of topsoil stripping.
- Topsoil should not be stripped below finished grade on substructure area.

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BUCK 30 FEDERAL COM

W1 05H & 06H

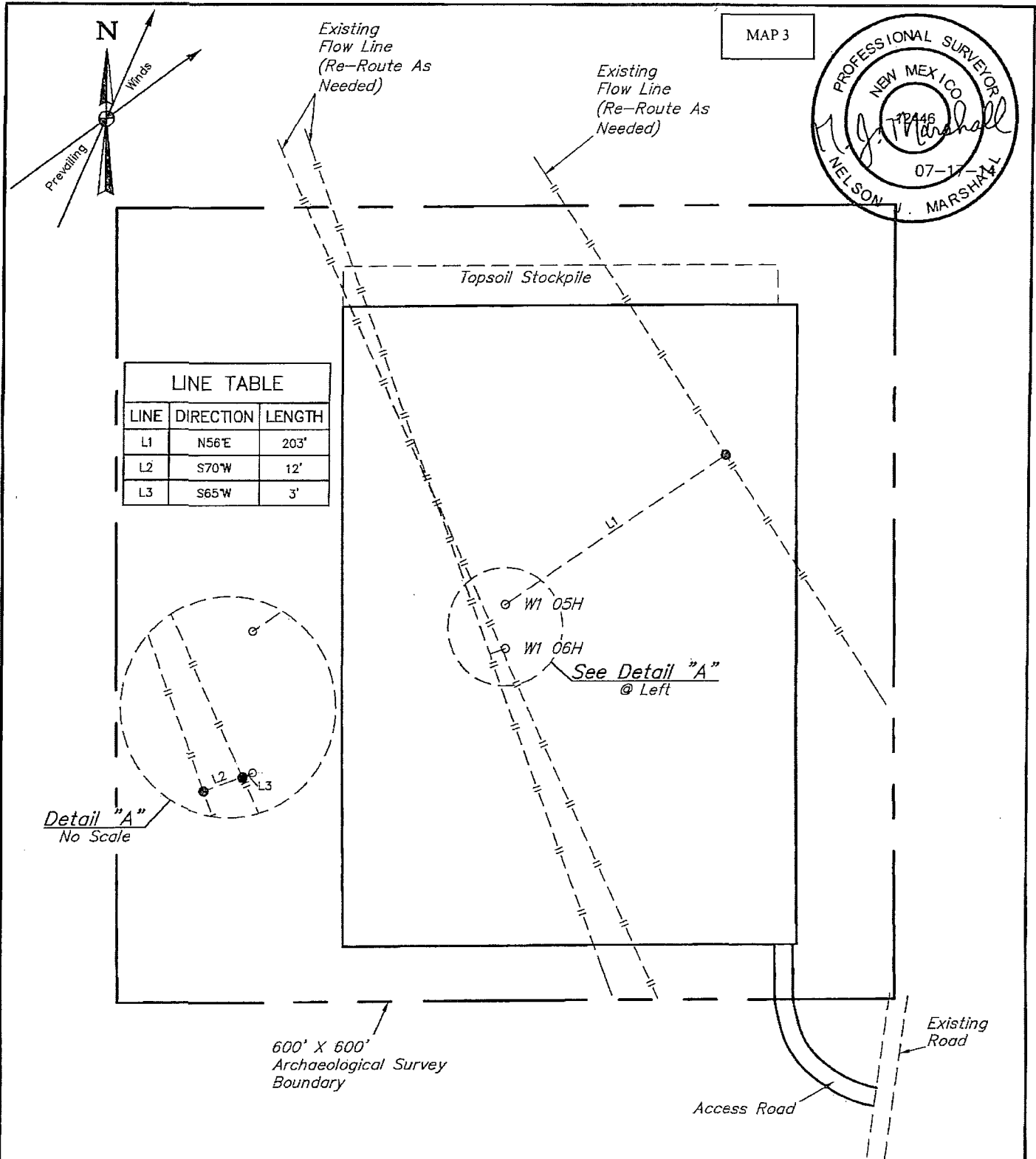
SECTION 30, T26S, R32E, N.M.P.M.

NE 1/4 NW 1/4



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DRAWN BY: J.T.	DATE DRAWN: 06-30-14
SCALE: AS SHOWN	REVISED: 00-00-00
<b>TYPICAL CROSS SECTIONS FIGURE #2</b>	



**NOTES:**

**ConocoPhillips Company**

**BUCK 30 FEDERAL COM**

**W1 05H & 06H**

**SECTION 30, T26S, R32E, N.M.P.M.**

**NE 1/4 NW 1/4**



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DRAWN BY: J.T.

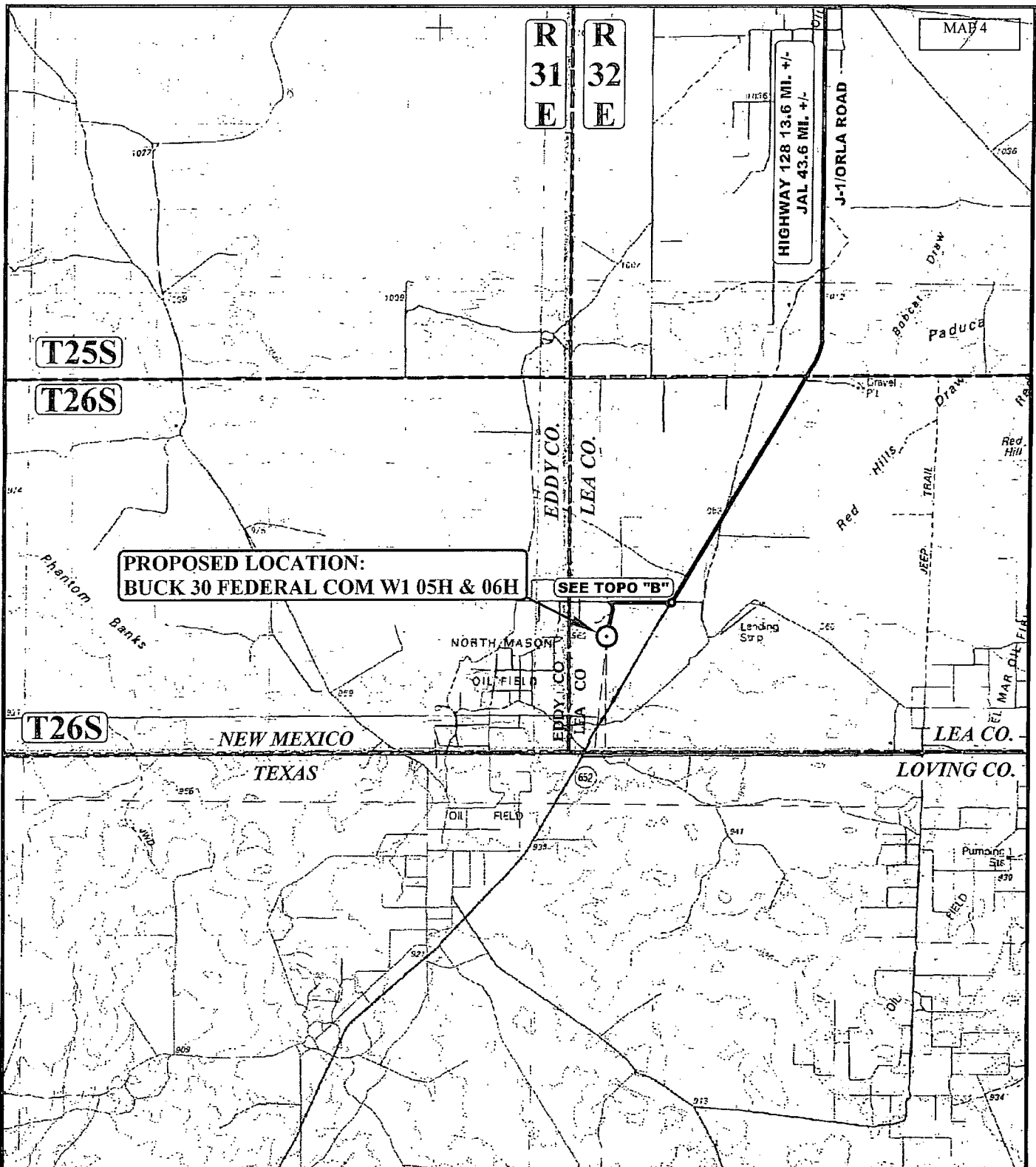
DATE DRAWN: 06-30-14

SCALE: 1" = 100'

REVISED: 07-16-14 J.T.

**ARCHAEOLOGICAL SURVEY BOUNDARY**

**FIGURE #5**



**LEGEND:**

○ PROPOSED LOCATION

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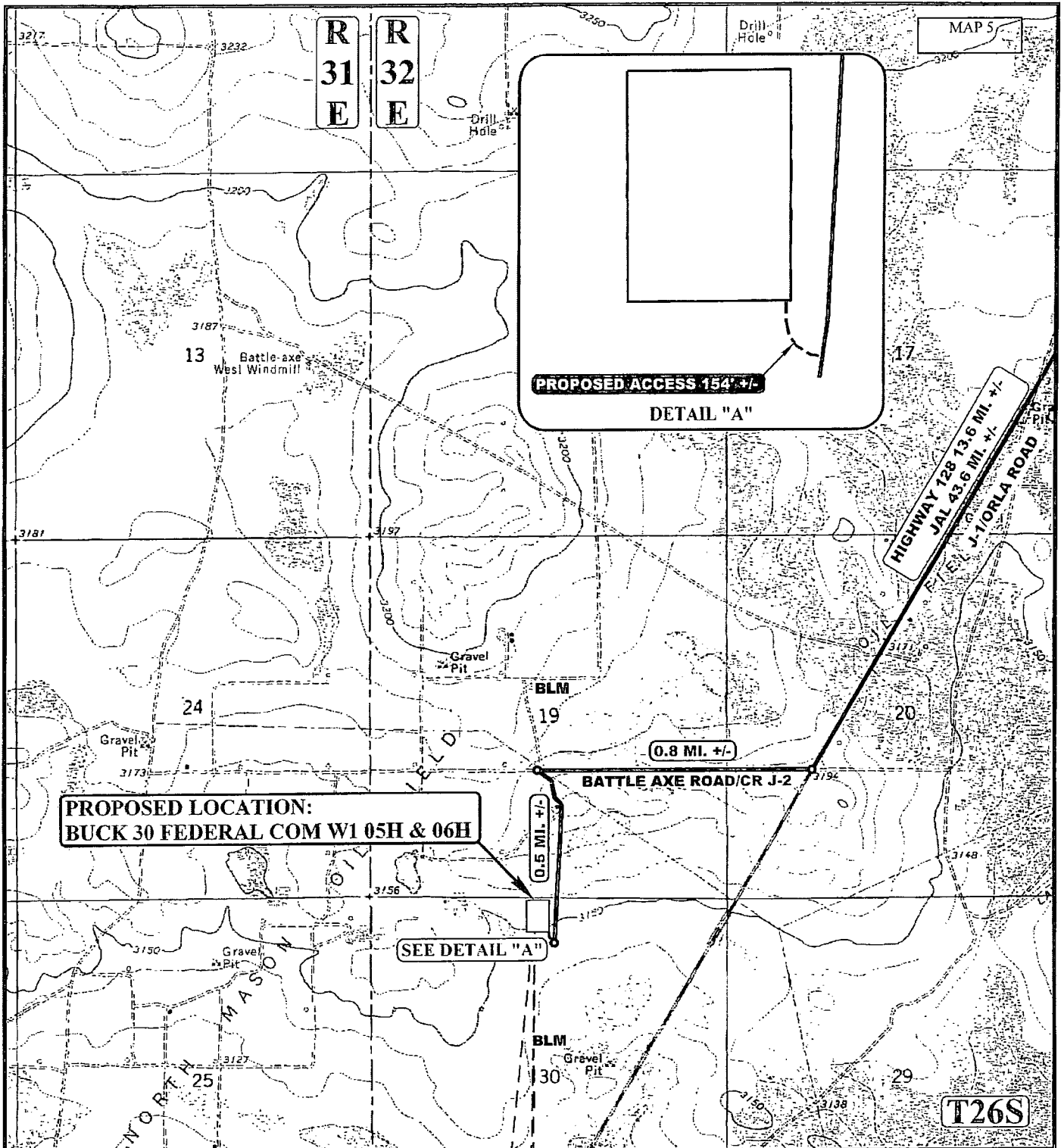
**BUCK 30 FEDERAL COM W1 05H & 06H  
SECTION 30, T26S, R32E, N.M.P.M.  
NE 1/4 NW 1/4**



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DRAWN BY: M.L.	DATE DRAWN: 06-24-14
SCALE: 1:100,000	REVISED: 00-00-00
<b>ACCESSROADMAP</b>	<b>TOPO A</b>



NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

#### LEGEND:

— EXISTING ROAD  
 - - - PROPOSED ROAD

#### ConocoPhillips Company

BUCK 30 FEDERAL COM W1 05H & 06H  
 SECTION 30, T26S, R32E, N.M.P.M.  
 NE 1/4 NW 1/4



DRAWN BY: M.L.	DATE DRAWN: 06-24-14
SCALE: 1" = 2000'	REVISED: 00-00-00
ACCESS ROAD MAP	TOPQB



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BEGINNING AT THE INTERSECTION OF HIGHWAY 18 AND HIGHWAY 128 PROCEED IN A WESTERLY, THEN NORTHWESTERLY DIRECTION FROM JAL, NEW MEXICO ALONG HIGHWAY 128 APPROXIMATELY 30.0 MILES TO THE JUNCTION OF THIS ROAD AND J-1/ORLA ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 13.6 MILES TO THE JUNCTION OF THIS ROAD AND BATTLE AXE ROAD/CR J-2 ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 0.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 154' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM JAL, NEW MEXICO TO THE PROPOSED LOCATION IS APPROXIMATELY 44.9 MILES.

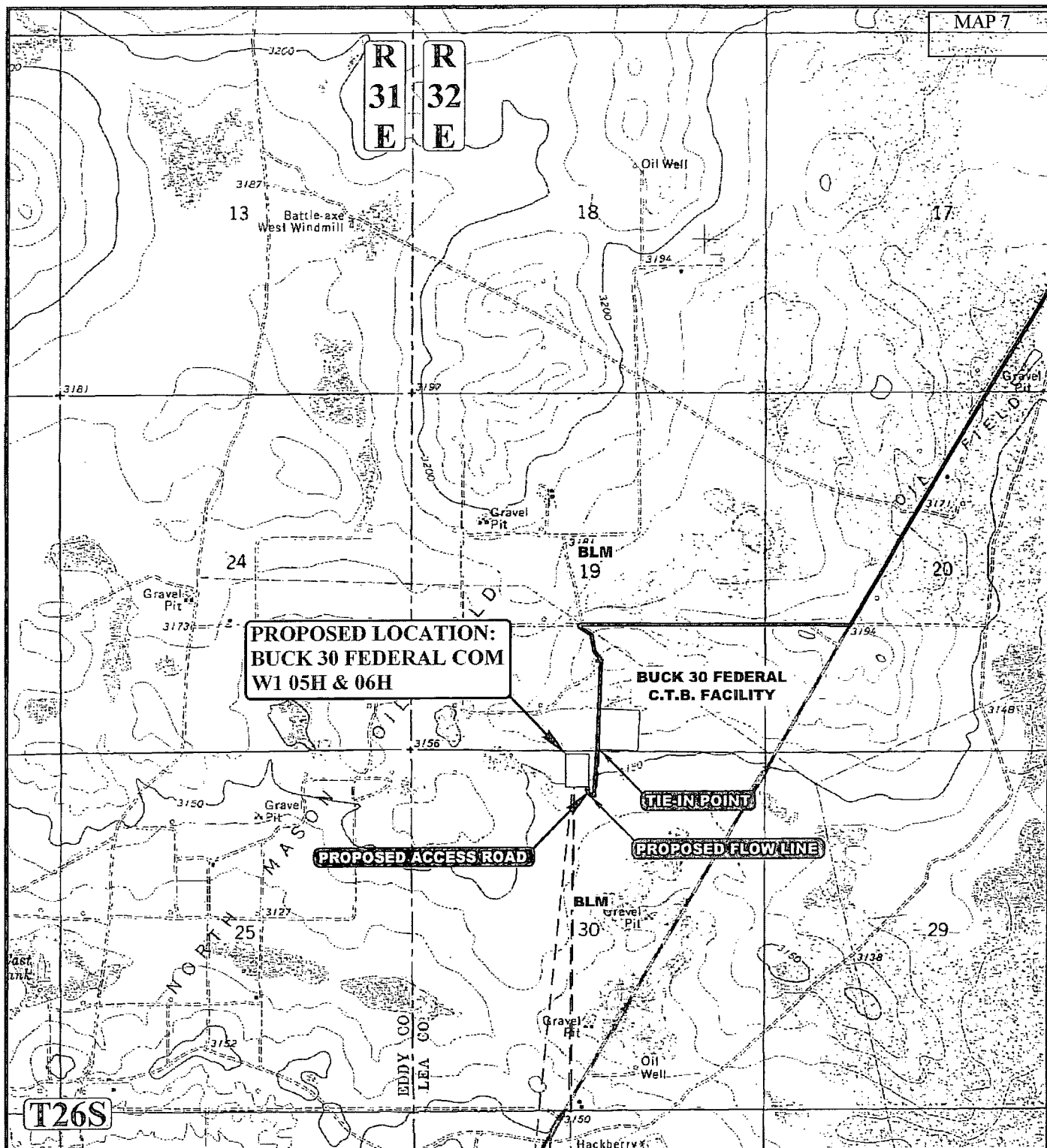
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SECTION 30, T26S, R32E, N.M.P.M.  
NE 1/4 NW 1/4



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DRAWN BY: M.L.	DATE DRAWN: 06-24-14
	REVISED: 00-00-00
<b>ROAD DESCRIPTION</b>	



APPROXIMATE TOTAL FLOW LINE DISTANCE = 914' +/-

**LEGEND:**

- PROPOSED ROAD
- - - EXISTING PIPELINE
- - - PROPOSED PIPELINE

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BUCK 30 FEDERAL COM W1 05H & 06H  
SECTION 30, T26S, R32E, N.M.P.M.  
NE 1/4 NW 1/4



DRAWN BY: M.L.

DATE DRAWN: 06-24-14

SCALE: 1" = 2000'

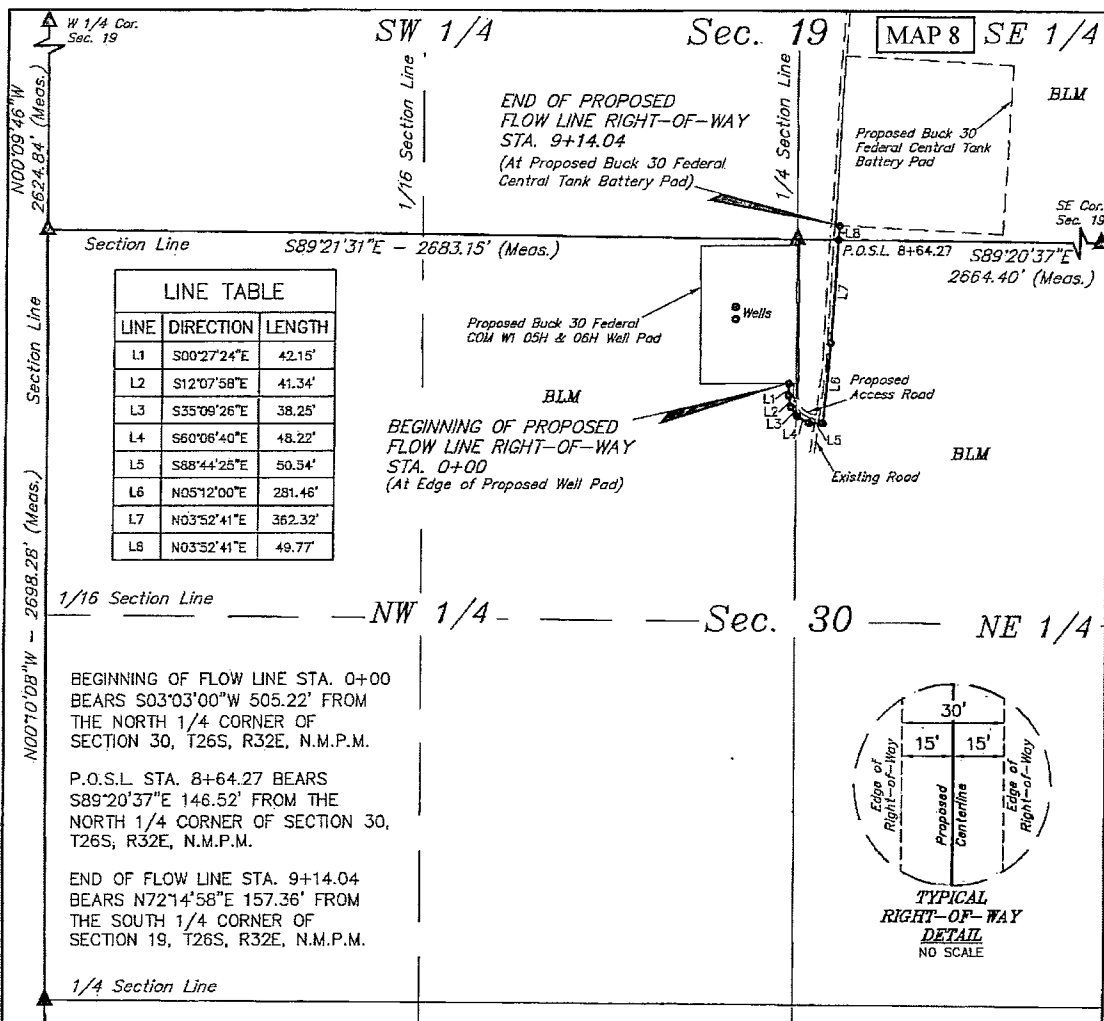
REVISED: 00-00-00

FLOWLINE MAP

TOROD



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**RIGHT-OF-WAY LENGTHS**

PROPERTY OWNER	FEET	ACRES	RODS
BLM NW 1/4 SEC 30	116.92	0.081	7.09
BLM NE 1/4 SEC 30	747.35	0.515	45.29
BLM SE 1/4 SEC 19	49.77	0.034	3.02
<b>TOTAL</b>	<b>914.04</b>	<b>0.630</b>	<b>55.40</b>

△ = SECTION CORNERS LOCATED.

500' 250' 0' 250' 500'

PROPERTY OWNER	FEET	ACRES	RODS
BLM NW 1/4 SEC 30	116.92	0.081	7.09
BLM NE 1/4 SEC 30	747.35	0.515	45.29
BLM SE 1/4 SEC 19	49.77	0.034	3.02
<b>TOTAL</b>	<b>914.04</b>	<b>0.630</b>	<b>55.40</b>

CERTIFICATE OF PROFESSIONAL SURVEY

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

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 12446  
STATE OF NEW MEXICO

07-04-14

NOTES:

ConocoPhillips Company

BUCK 30 FEDERAL COM W1 05H & WL 06H  
SECTION 30, T26S, R32E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

DRAWN BY: J.T. DATE DRAWN: 06-30-14  
SCALE: 1" = 500' REVISED: 00-00-00

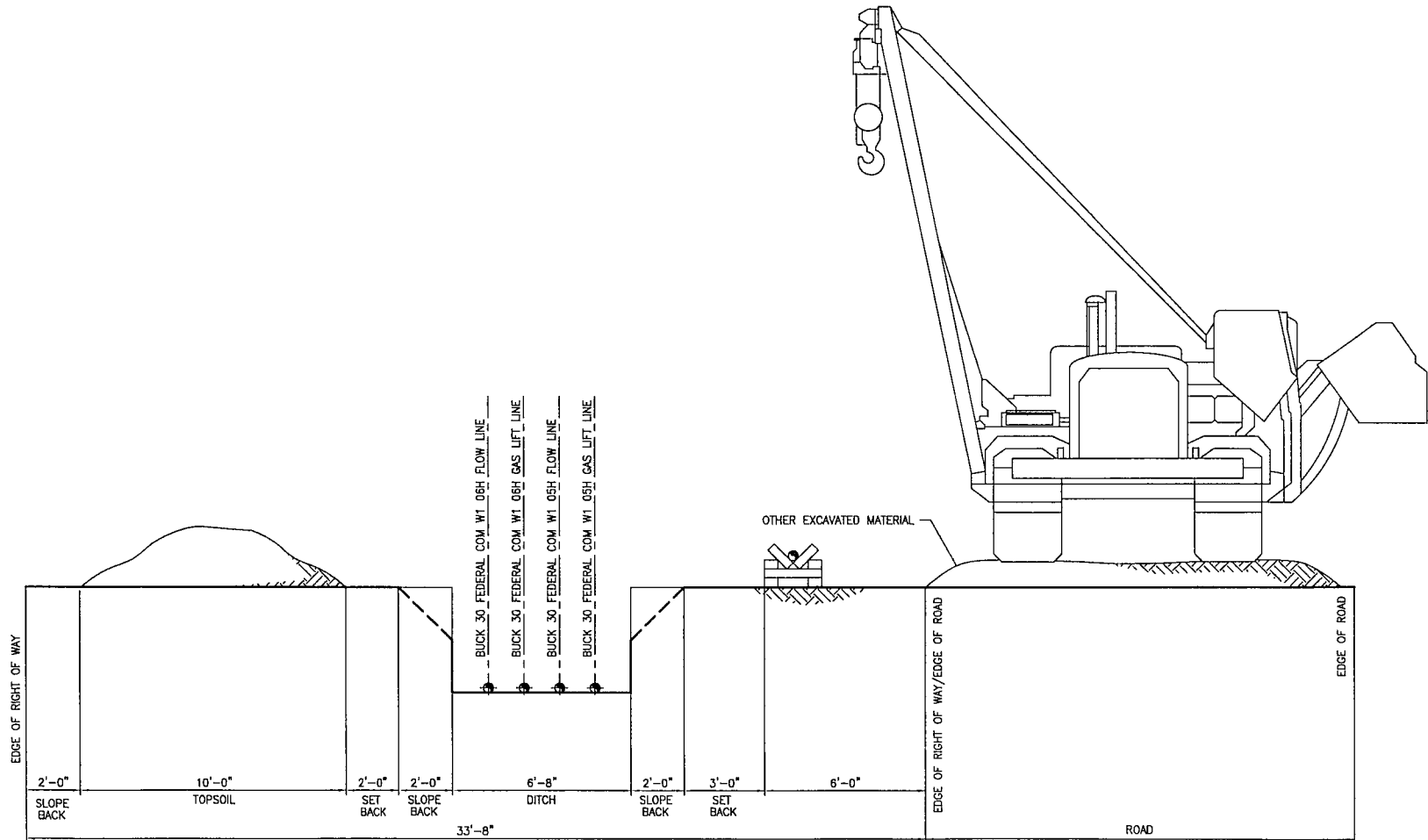
FLOW LINE RIGHT-OF-WAY



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# FLOW LINE RIGHT OF WAY

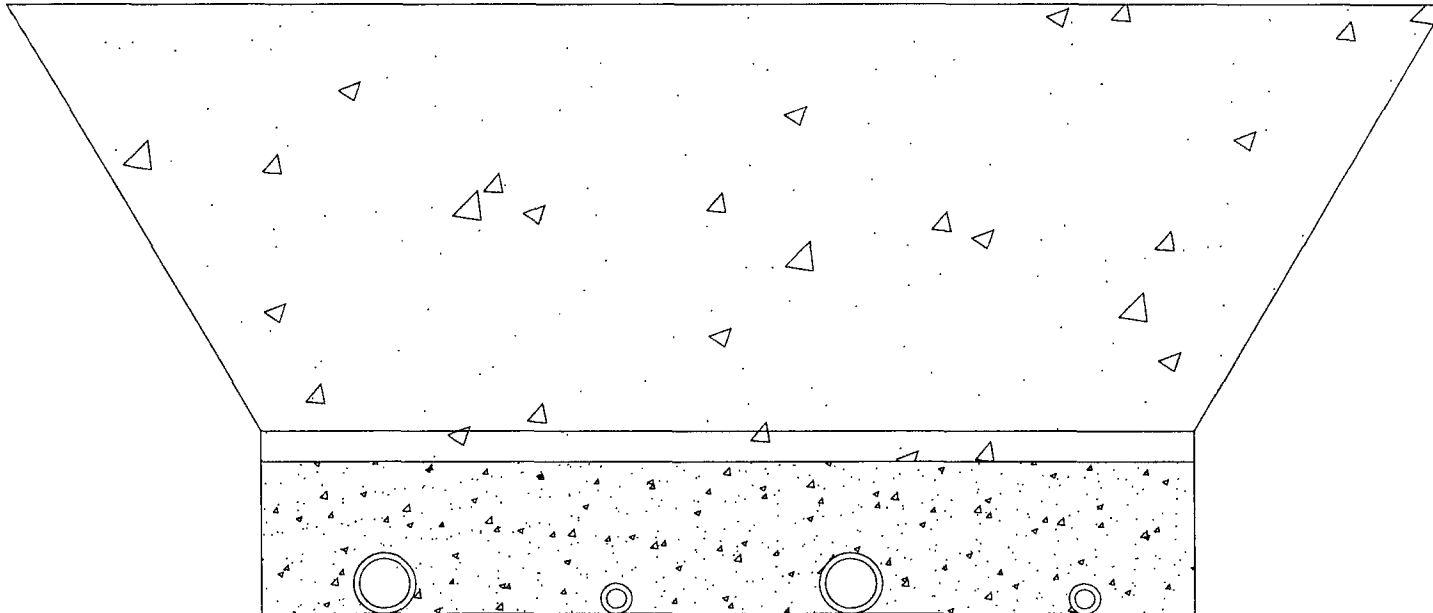
BUCK 30 FEDERAL COM W1 05H, BUCK 30 FEDERAL COM W1 06H



REFERENCE DWG NO:								DRAWN: TTM				DESIGN: RAR				<div>ConocoPhillips</div> <div>Mid Continent Business Unit</div>				PRMU FLOW LINE R-O-W BUCK 30 FEDERAL COM W1 05H, BUCK 30 FEDERAL COM W1 06H															
								CHECKED: RAR				APPROVAL:												CC NO:											
								SCALE: NA				DATE: 07/28/14				CADD FILENAME:				JOB NO: -		SUB JOB NO: -		DRAWING NO: BUCK 30 FEDERAL COM W1 05H-W1 06H rev a				SHEET: 1 of 1		REV: A					
A 07/28/14				ISSUE FOR APPROVAL				TTM RAR																											
REV DATE				REVISION				BY CHK APP APP																											

# **BACKFILL AROUND PIPE**

**BUCK 30 FEDERAL COM W1 05H, BUCK 30 FEDERAL COM W1 06H**



BACKFILL DIRT TO BE AS FREE OF ROCKS AND LARGE PARTICLES AS POSSIBLE

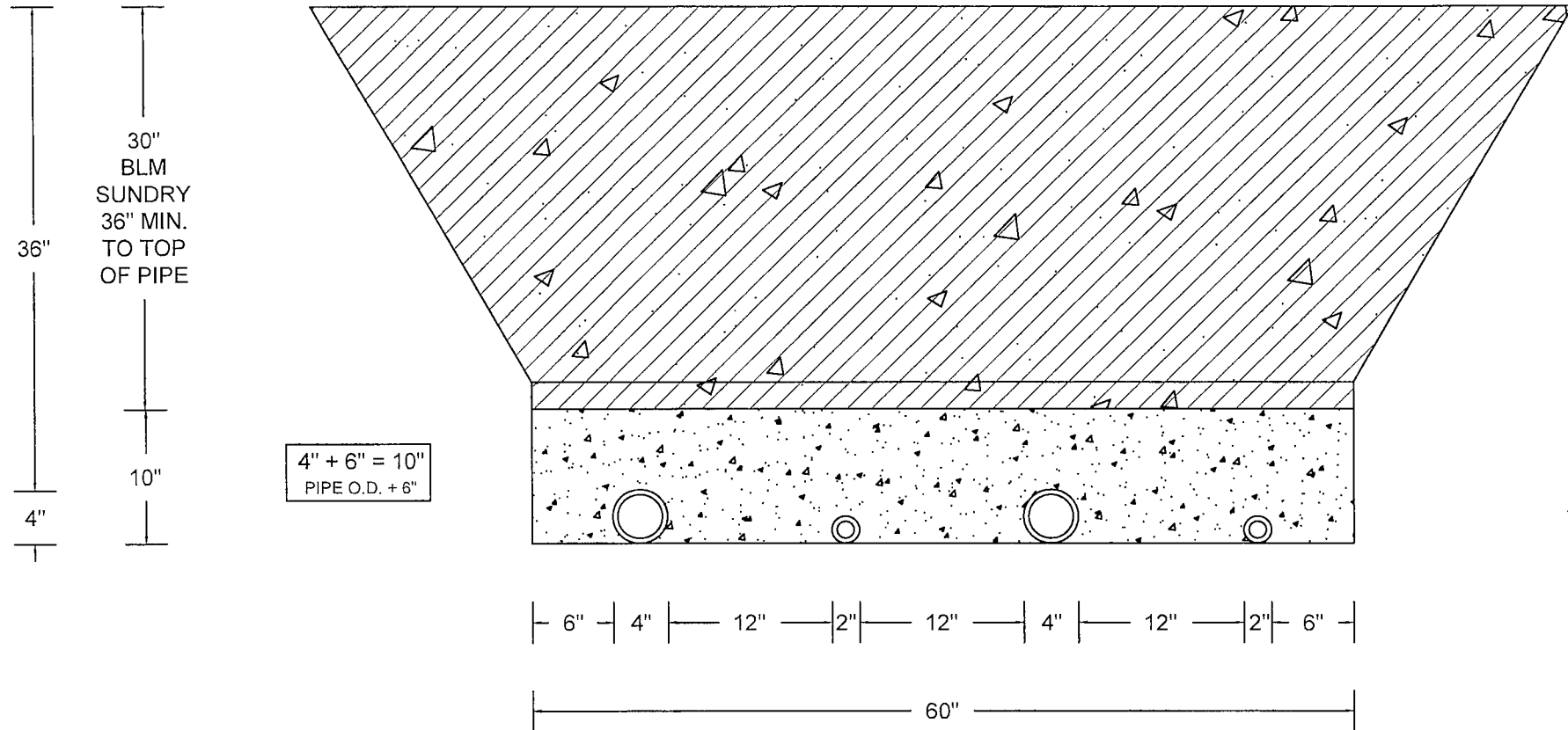
FLOW LINE WILL BE 4" COATED STEEL PIPE w/ AN OPERATING PRESSURE UP TO 1480# PSI.

GAS SUPPLY LINE WILL BE 2" STEEL PIPE w/ AN OPERATING PRESSURE UP TO 1100# PSI.

SOFT FILL DIRT OR SAND WITH NO ROCKS OR SOLID PARTICLES GREATER THAN 1" IN CIRCUMFERENCE

# BACKFILL AROUND PIPE

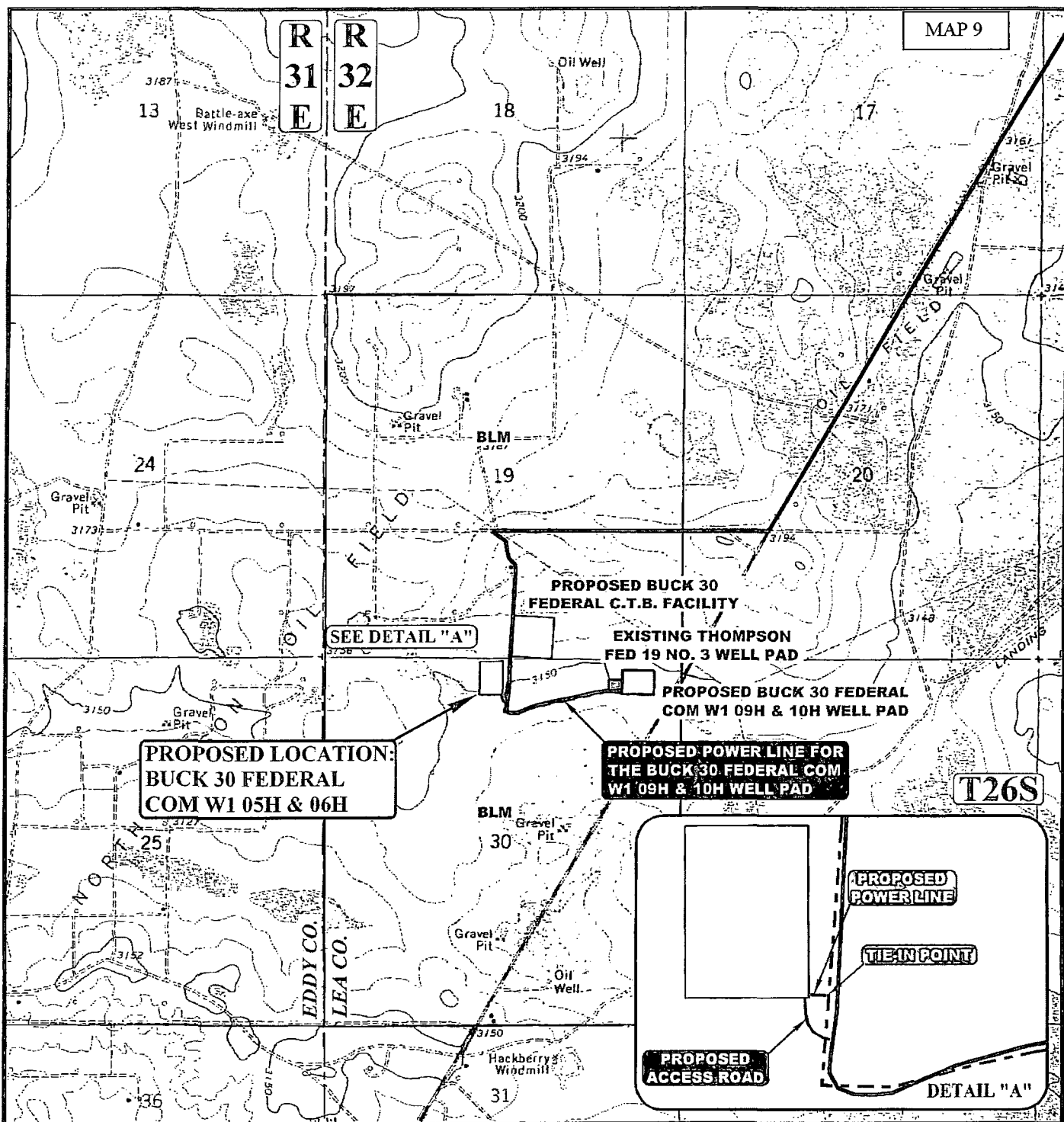
BUCK 30 FEDERAL COM W1 05H, BUCK 30 FEDERAL COM W1 06H



ALTERNATING 4" PIPE (FLOW LINE) +  
2" PIPE (GAS LIFT)

6" CLEARANCE AT BOTH ENDS

12" CLEARANCE BETWEEN EACH PIPE



**APPROXIMATE TOTAL POWER LINE DISTANCE = 56' +/-**

NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

**LEGEND:**

- PROPOSED ROAD
- EXISTING POWER LINE
- - - - - PROPOSED POWER LINE
- - - - - PROPOSED POWER LINE (SERVICING OTHER WELLS)

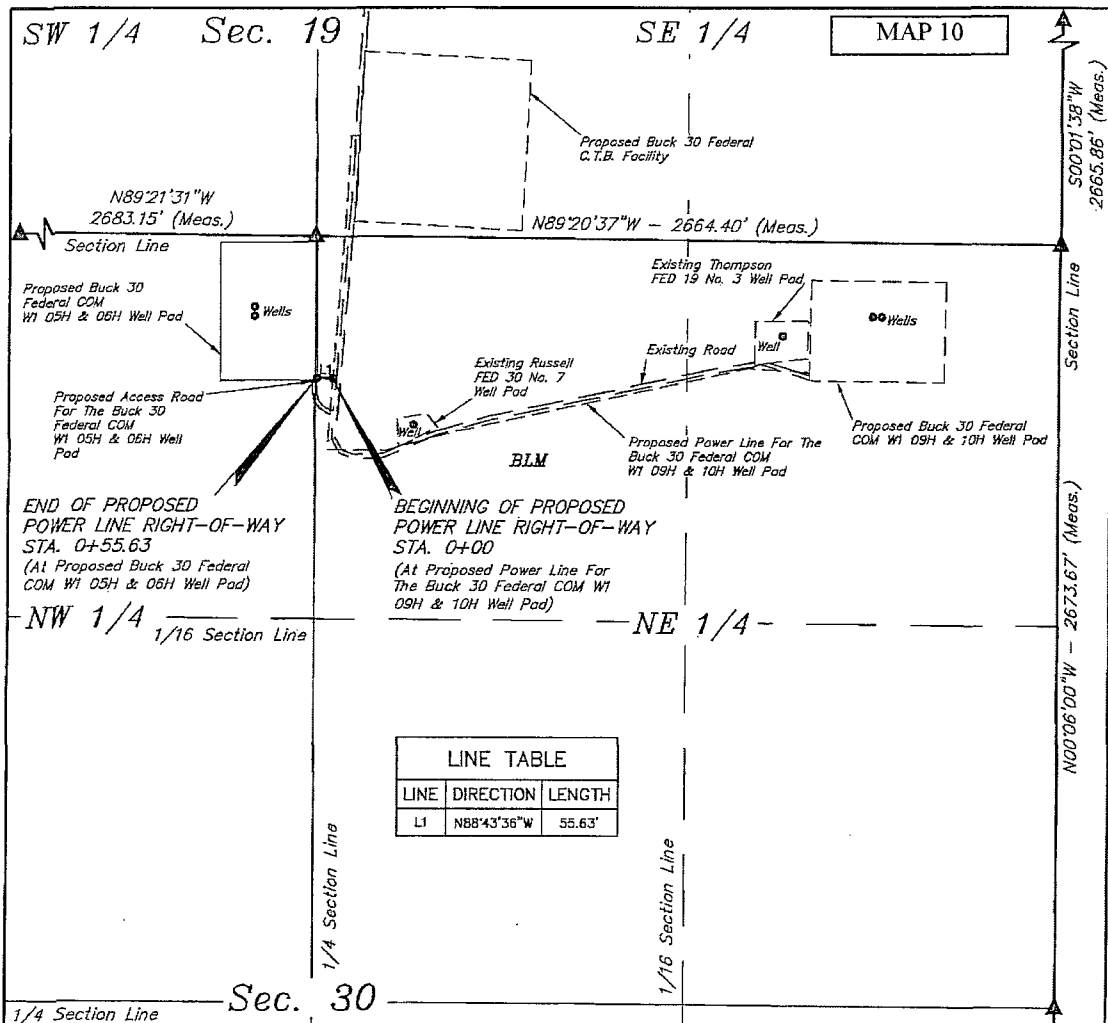
**ConocoPhillips Company**

**BUCK 30 FEDERAL COM W1 05H & 06H**  
**SECTION 30, T26S, R32E, N.M.P.M.**  
**NE 1/4 NW 1/4**



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DRAWN BY: L.S.	DATE DRAWN: 07-17-14
SCALE: 1" = 2000'	REVISED: 00-00-00
<b>POWERLINE MAP</b>	<b>TOPO-E</b>



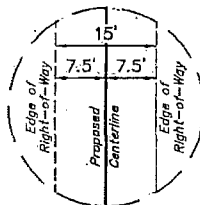
### POWER LINE RIGHT-OF-WAY DESCRIPTION

A 15' WIDE RIGHT-OF-WAY 7.5' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE NE 1/4 NE 1/4 OF SECTION 30, T26S, R32E, N.M.P.M., WHICH BEARS S07°18'01"E 502.26' FROM THE NORTH 1/4 CORNER OF SAID SECTION 30, THENCE N88°43'36"W 55.63' TO A POINT IN THE NE 1/4 NE 1/4 OF SECTION 30, T26S, R32E, N.M.P.M., WHICH BEARS S00°56'45"E 497.02' FROM THE NORTH 1/4 CORNER OF SAID SECTION 30. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.019 ACRES MORE OR LESS.

BEGINNING OF POWER LINE STA. 0+00 BEARS S07°18'01"E 502.26' FROM THE NORTH 1/4 CORNER OF SECTION 30, T26S, R32E, N.M.P.M.

END OF POWER LINE STA. 0+55.63 BEARS S00°56'45"E 497.02' FROM THE NORTH 1/4 CORNER OF SECTION 30, T26S, R32E, N.M.P.M.



### RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
BLM	55.63	0.019	3.37

▲ = SECTION CORNERS LOCATED.

NOTES:

CERTIFICATE OF PROFESSIONAL SURVEY  
 THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.  
 REGISTERED PROFESSIONAL SURVEYOR  
 REGISTRATION NO. 12446  
 STATE OF NEW MEXICO  
 07-17-14

### ConocoPhillips Company

BUCK 30 FEDERAL COM W1 05H & 06H  
 SECTION 30, T26S, R32E, N.M.P.M.  
 LEA COUNTY, NEW MEXICO

DRAWN BY: J.T. DATE DRAWN: 07-11-14  
 SCALE: 1" = 500' REVISED: 00-00-00



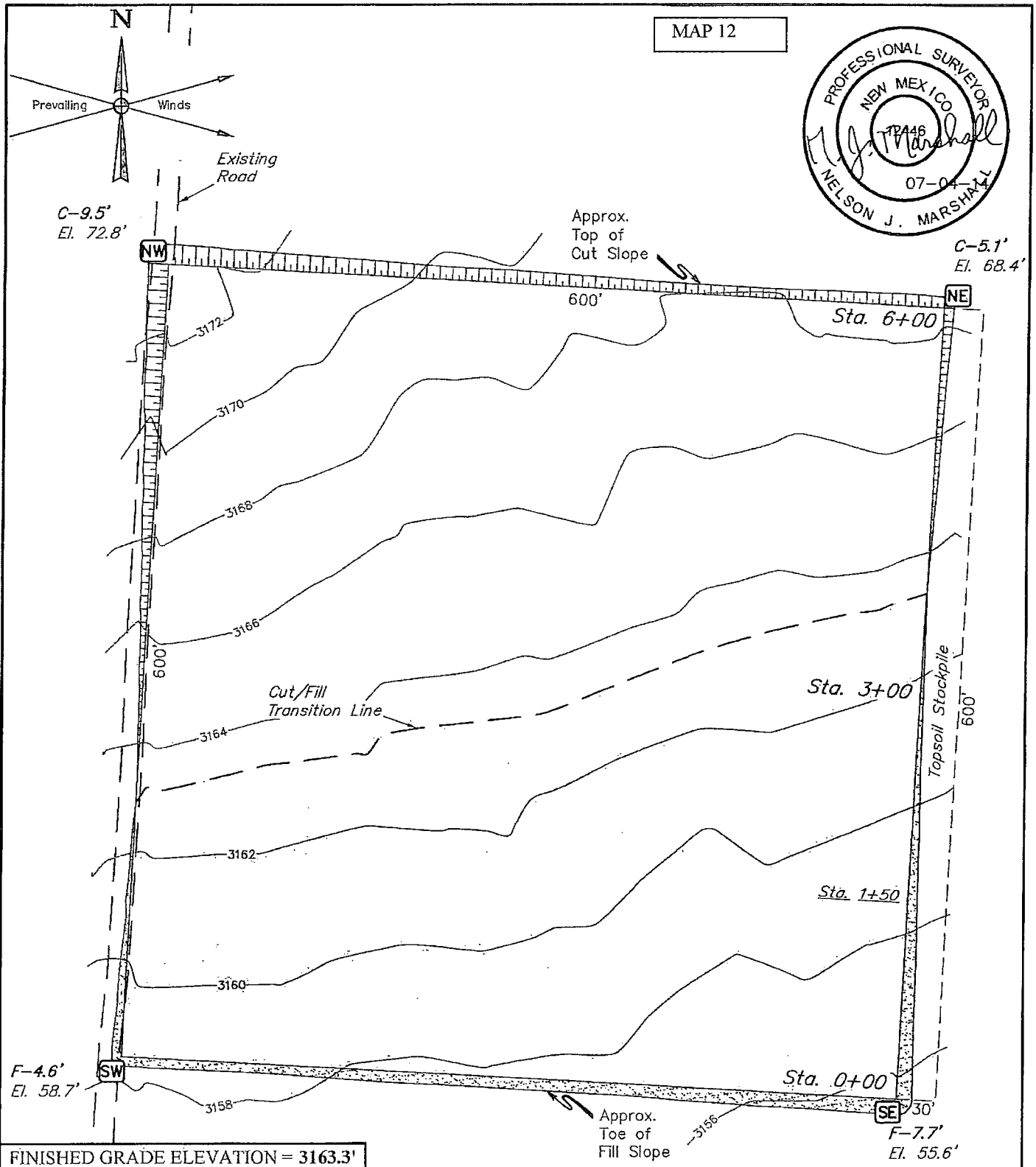
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 Vernal, UT 84078 \* (435) 789-1017



POWER LINE RIGHT-OF-WAY







**NOTES:**

- Contours shown at 2' intervals.

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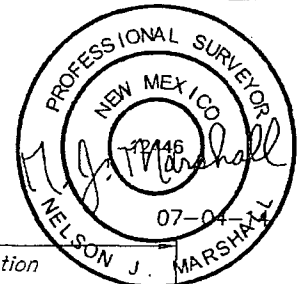
**BUCK 30 FEDERAL C.T.B. FACILITY**  
**SECTION 19, T26S, R32E, N.M.P.M.**  
**SW 1/4 SE 1/4**



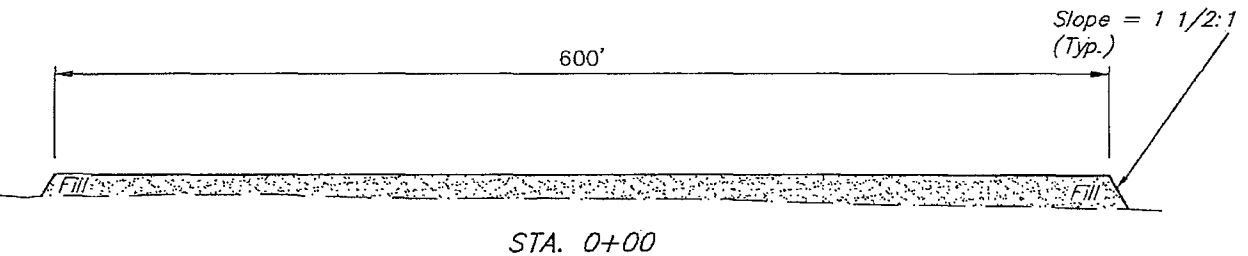
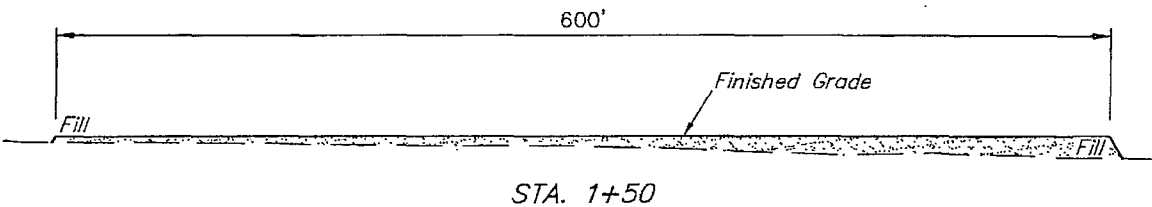
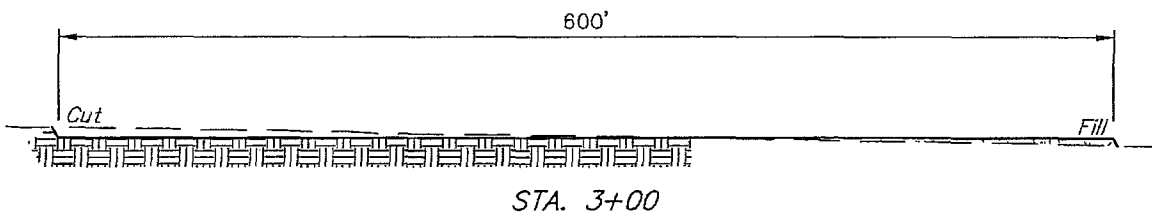
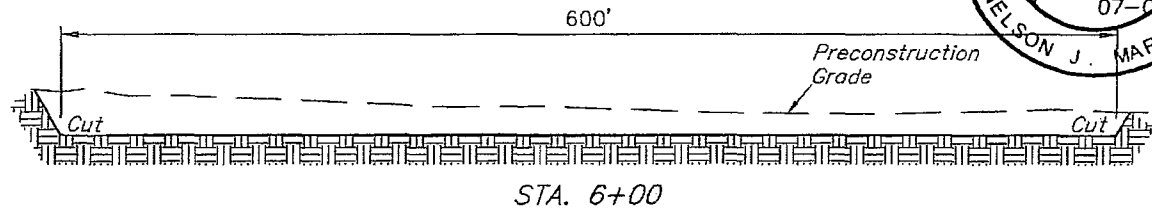
**UELS, LLC**  
 Corporate Office \* 85 South 200 East  
 Vernal, UT 84078 \* (435) 789-1017

DRAWN BY: J.T.	DATE DRAWN: 07-01-14
SCALE: 1" = 100'	REVISED: 00-00-00
<b>LOCATION LAYOUT</b>	<b>FIGURE #1</b>

MAP 13



1" = 40'  
X-Section  
Scale  
1" = 100'



**APPROXIMATE EARTHWORK QUANTITIES**

(3") TOPSOIL STRIPPING	3,510 Cu. Yds.
REMAINING LOCATION	22,460 Cu. Yds.
<b>TOTAL CUT</b>	<b>25,970 Cu. Yds.</b>
<b>FILL</b>	<b>22,460 Cu. Yds.</b>
EXCESS MATERIAL	3,510 Cu. Yds.
TOPSOIL	3,510 Cu. Yds.
<b>EXCESS UNBALANCE</b> (After Interim Rehabilitation)	<b>0 Cu. Yds.</b>

**APPROXIMATE SURFACE DISTURBANCE AREAS**

	DISTANCE	ACRES
WELL SITE DISTURBANCE	NA	±9.013
15' WIDE POWER LINE R-O-W DISTURBANCE	±2898.86'	±0.998
30' WIDE PIPELINE R-O-W DISTURBANCE	±1541.23'	±1.061
<b>TOTAL SURFACE USE AREA</b>	<b>±4440.09'</b>	<b>±11.090</b>

**NOTES:**

- Fill quantity includes 5% for compaction.
- Topsoil should not be stripped below finished grade on substructure area.

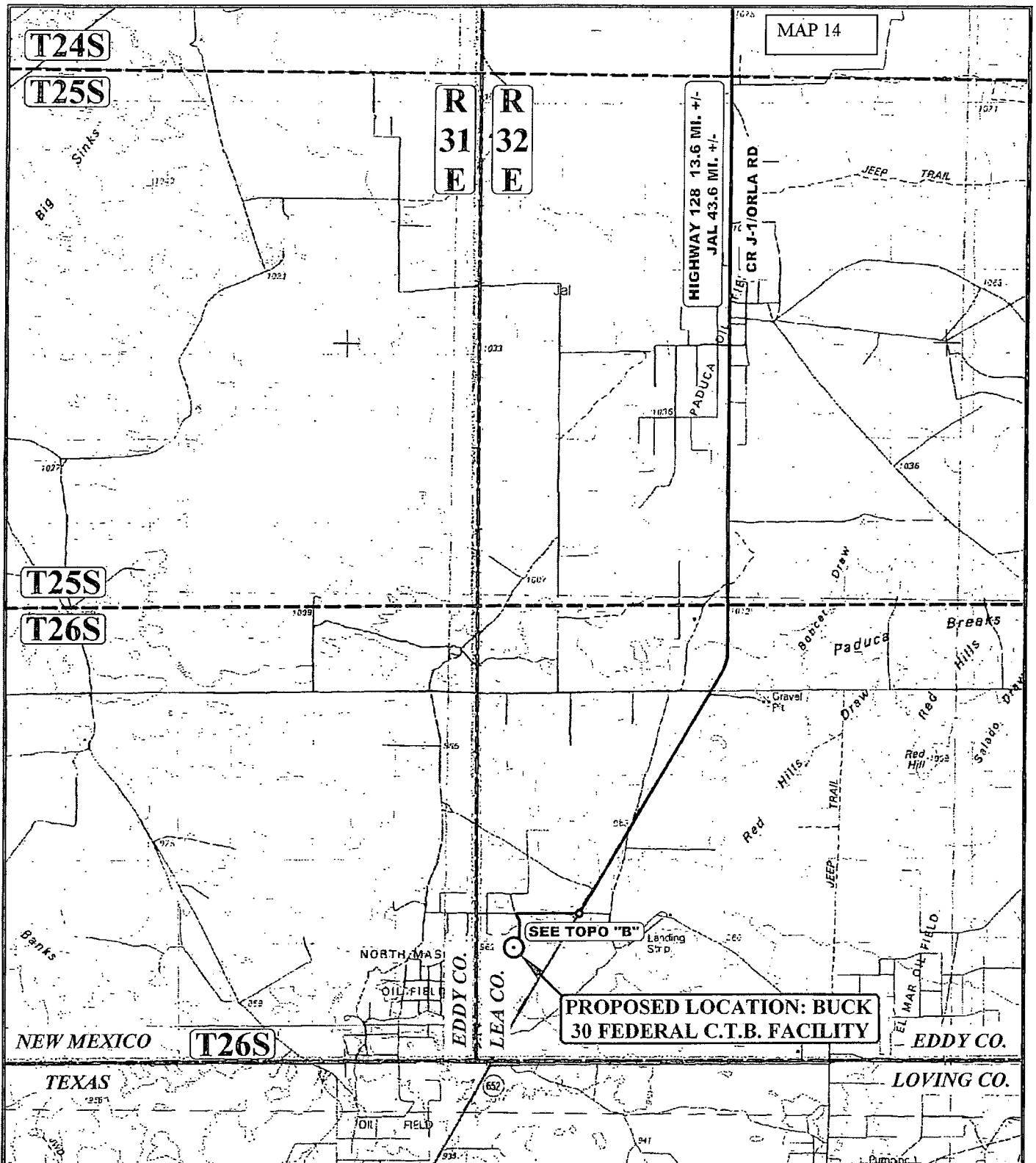
**ConocoPhillips Company**

**BUCK 30 FEDERAL C.T.B. FACILITY**  
**SECTION 19, T26S, R32E, N.M.P.M.**  
**SW 1/4 SE 1/4**



**UELS, LLC**  
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Vernal, UT 84078 \* (435) 789-1017

DRAWN BY: J.T.	DATE DRAWN: 07-01-14
SCALE: AS SHOWN	REVISED: 00-00-00
<b>TYPICAL CROSS SECTIONS</b>	
<b>FIGURE #2</b>	



**LEGEND:**

○ PROPOSED LOCATION



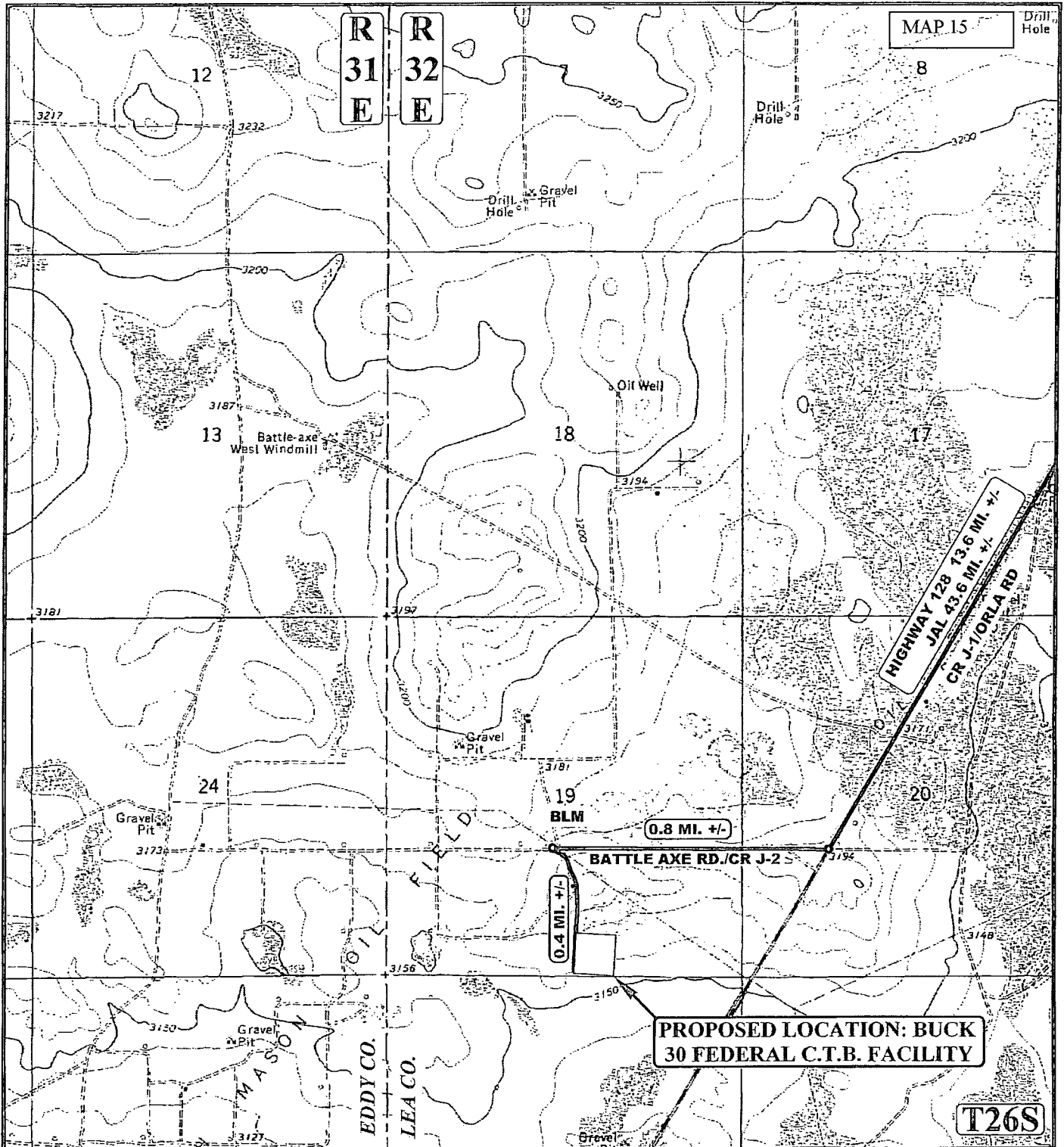
**ConocoPhillips Company**

**BUCK 30 FEDERAL C.T.B. FACILITY**  
SECTION 19, T26, R32, N.M.P.M.  
SW 1/4 SE 1/4

DRAWN BY: M.L.	DATE DRAWN: 06-20-14
SCALE: 1:100,000	REVISED: 00-00-00
<b>ACCESS ROAD MAP</b>	<b>TOPO A</b>



**UELS, LLC**  
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#### LEGEND:

— EXISTING ROAD  
 - - - PROPOSED ROAD

ConocoPhillips Company

BUCK 30 FEDERAL C.T.B. FACILITY  
 SECTION 19, T26, R32, N.M.P.M.  
 SW 1/4 SE 1/4



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 Corporate Office \* 85 South 200 East  
 Vernal, UT 84078 \* (435) 789-1017



DRAWN BY: M.L.	DATE DRAWN: 06-20-14
SCALE: 1" = 2000'	REVISED: 00-00-00
ACCESS ROAD MAP	TOPO B

BEGINNING AT THE INTERSECTION OF HIGHWAY 18 AND HIGHWAY 128 PROCEED IN A WESTERLY, THEN NORTHWESTERLY DIRECTION FROM JAL, NEW MEXICO ALONG HIGHWAY 128 APPROXIMATELY 30.0 MILES TO THE JUNCTION OF THIS ROAD AND ORLA ROAD/CR J-1 TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 13.6 MILES TO THE JUNCTION OF THIS ROAD AND BATTLE AXE ROAD/CR J-2 TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 0.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM JAL, NEW MEXICO TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 44.6 MILES.

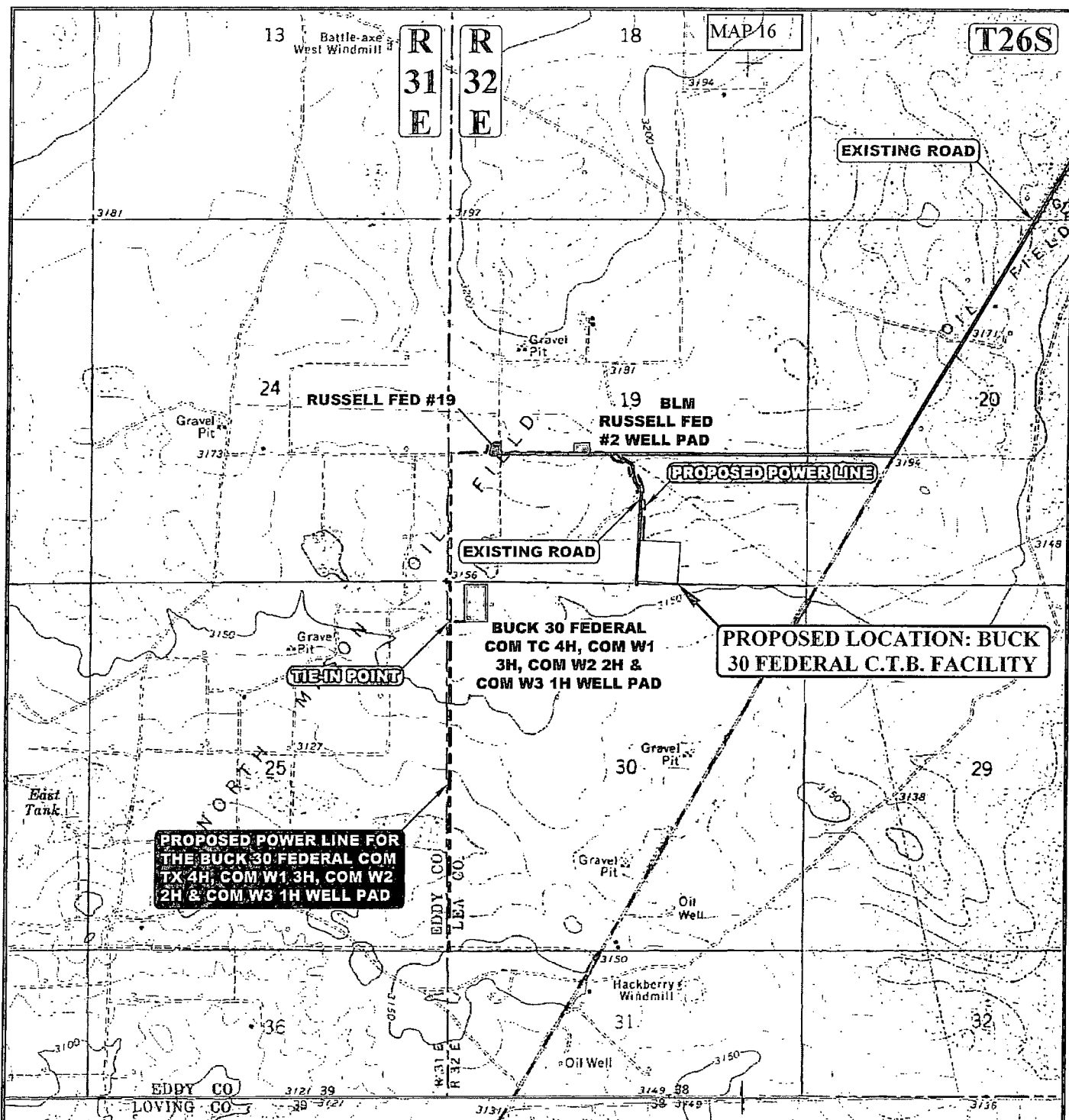
**ConocoPhillips Company**

**BUCK 30 FEDERAL C.T.B. FACILITY  
SECTION 19, T26, R32, N.M.P.M.  
SW 1/4 SE 1/4**



**UELS, LLC**  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

DRAWN BY: M.L.	DATE DRAWN: 06-20-14
	REVISED: 00-00-00
<b>ROAD DESCRIPTION</b>	



APPROXIMATE TOTAL POWER LINE DISTANCE = 6,670' +/-

NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTEH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

**LEGEND:**

- EXISTING ROAD
- - - - PROPOSED POWER LINE
- - - - PROPOSED POWER LINE (SERVICING OTHER WELLS)

**ConocoPhillips Company**

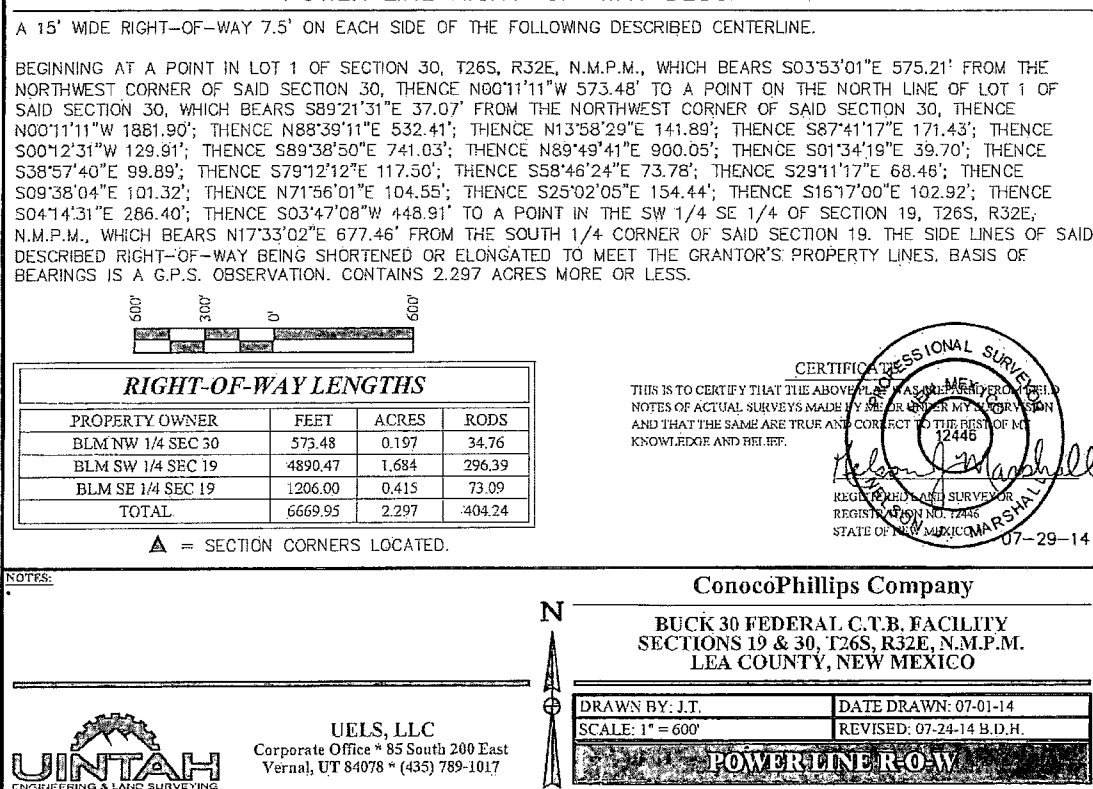
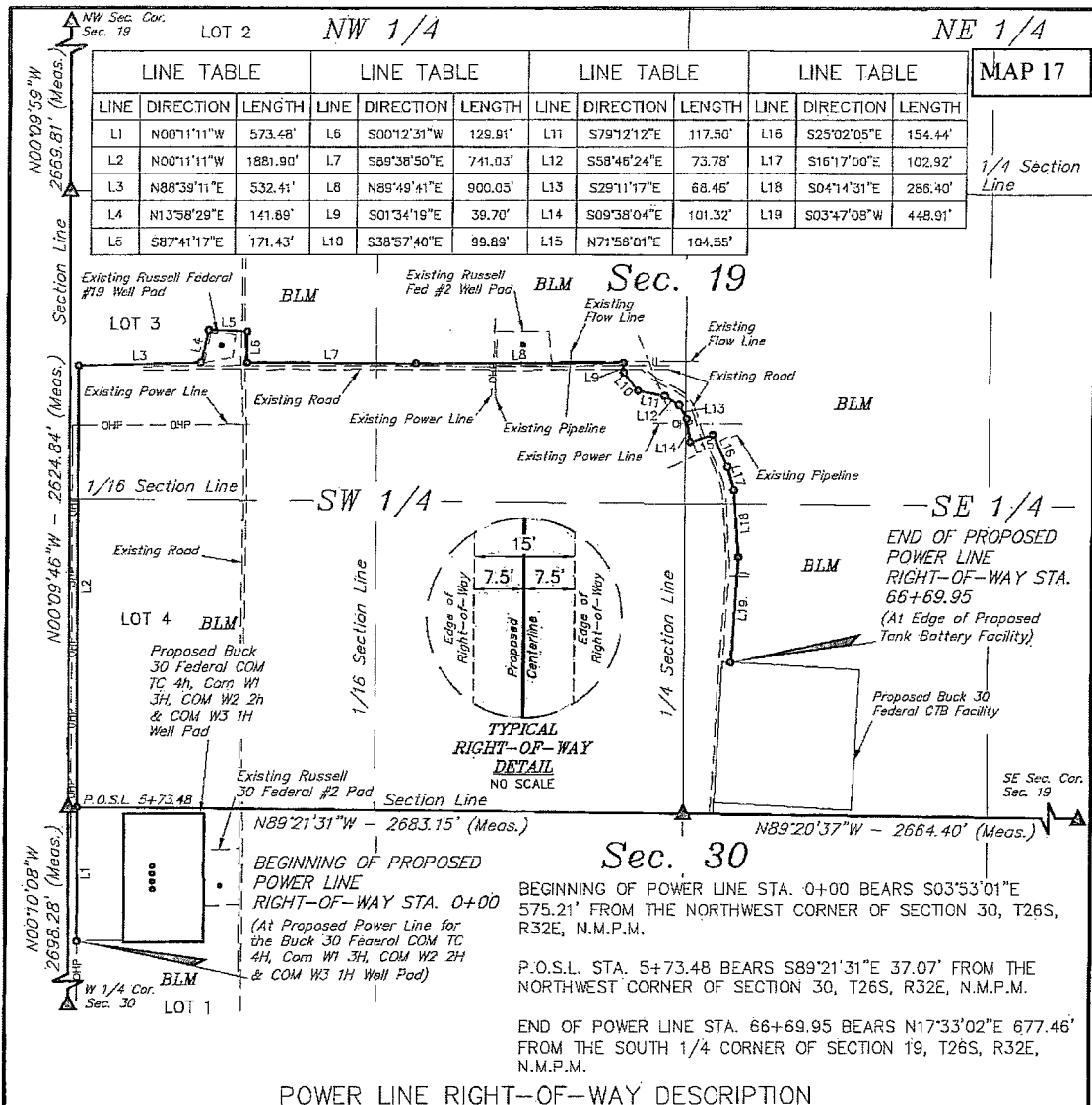
**BUCK 30 FEDERAL C.T.B. FACILITY**  
SECTION 19, T26S, R32E, N.M.P.M.  
SW 1/4 SE 1/4



DRAWN BY: M.L.	DATE DRAWN: 06-20-14
SCALE: 1" = 2000'	REVISED: 07-29-14 Z.H.F.
<b>POWERLINE MAP</b>	<b>TOPO</b>



**UELS, LLC**  
Corporate Office \* 85 South 200 East  
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# Buck 30 Federal Temporary Water Transfer Line Routes

Red Hills West 16 State Fresh Water Frac Pond

MAP 18

Buck Frac Pond

30 Federal COM W1 05H & 06H

COM W1 07H & 08H

Buck 30 Federal COM W1 09H & 10H

Wilder Frac Pond

Buck



1 mi