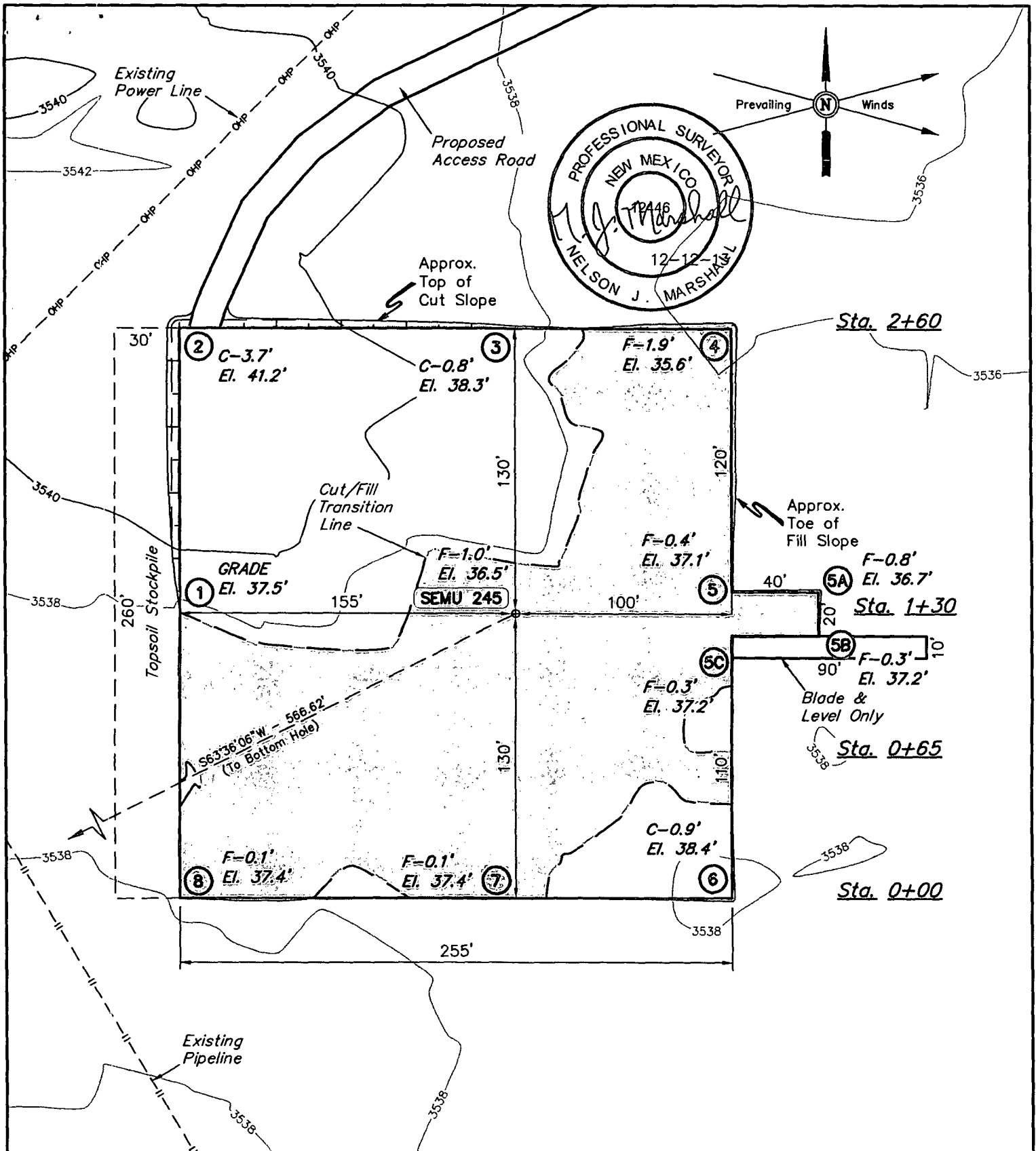


PM



ELEV. UNGRADED GROUND AT LOC. STAKE = 3536.5' FINISHED GRADE ELEV. AT LOC. STAKE = 3537.5'

**NOTES:**

- Flare pit is to be located a min. of 100' from the well head.
- Construct diversion ditches as needed.
- Underground utilities shown on this sheet are for visualization purposes only, actual locations to be determined prior to construction.
- Earthwork calculations require a fill of 1.0' @ the location stake for balance. All fill is to be compacted to a minimum of 95% of the maximum dry density obtained by AASHTO method t-99.

ConocoPhillips

**ConocoPhillips Company**

**SEM U 245**  
**SECTION 19, T20S, R38E, N.M.P.M.**  
**1528' FSL 2204' FEL**

DRAWN BY: J.W.

SCALE: 1" = 60'

DATE: 09-19-13

REV: 12-11-13 C.A.G.

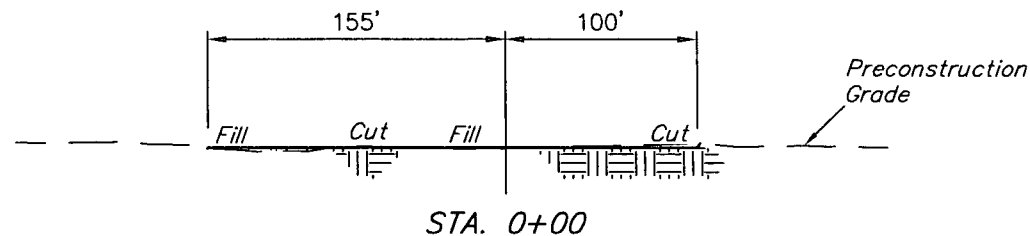
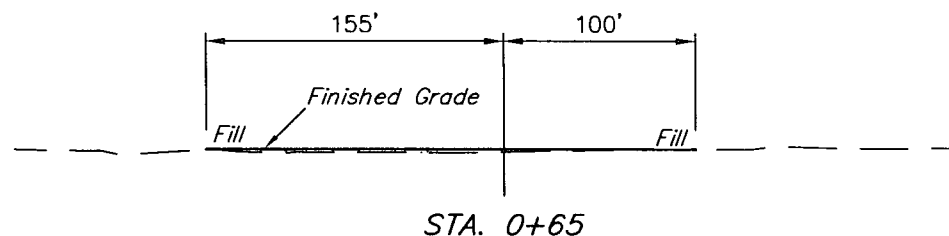
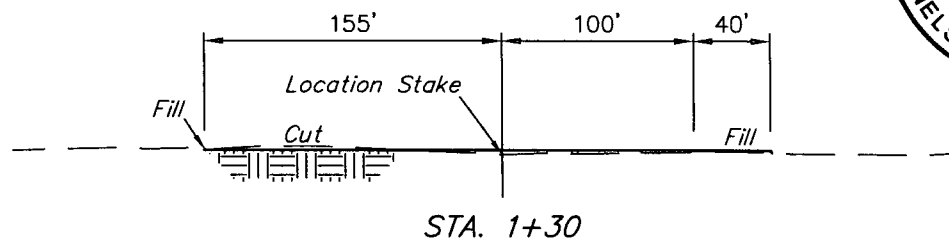
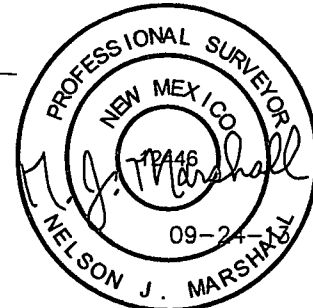
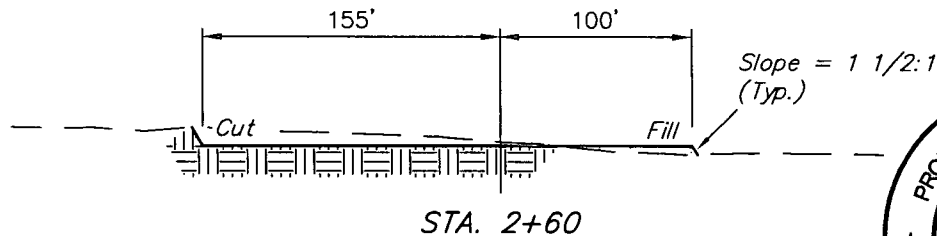


Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

**LOCATION LAYOUT**

**FIGURE #1**

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



APPROXIMATE EARTHWORK QUANTITIES		APPROXIMATE SURFACE DISTURBANCE AREAS		
(4") TOPSOIL STRIPPING	850 Cu. Yds.		DISTANCE	ACRES
REMAINING LOCATION	1,500 Cu. Yds.	WELL SITE DISTURBANCE	NA	±1.747
TOTAL CUT	2,350 Cu. Yds.	20' WIDE ACCESS ROAD R-O-W DISTURBANCE	±1054.47'	±0.484
FILL	1,500 Cu. Yds.	6' WIDE PIPELINE R-O-W DISTURBANCE	±2541.10'	±0.350
EXCESS MATERIAL	850 Cu. Yds.	10' WIDE POWER LINE R-O-W DISTURBANCE	±58.81'	±0.014
TOPSOIL	850 Cu. Yds.	TOTAL SURFACE USE AREA	±3654.38'	±2.595
EXCESS UNBALANCE (After Interim Rehabilitation)	0 Cu. Yds.			

**NOTES:**

- Fill quantity includes 5% for compaction.
- Calculations based on 4" of topsoil stripping.
- Topsoil should not be stripped below finished grade on substructure area.

ConocoPhillips

ConocoPhillips Company

SEMU 245  
SECTION 19, T20S, R38E, N.M.P.M.  
1528' FSL 2204' FEL

DRAWN BY: J.W.

SCALE: AS SHOWN

DATE: 09-19-13

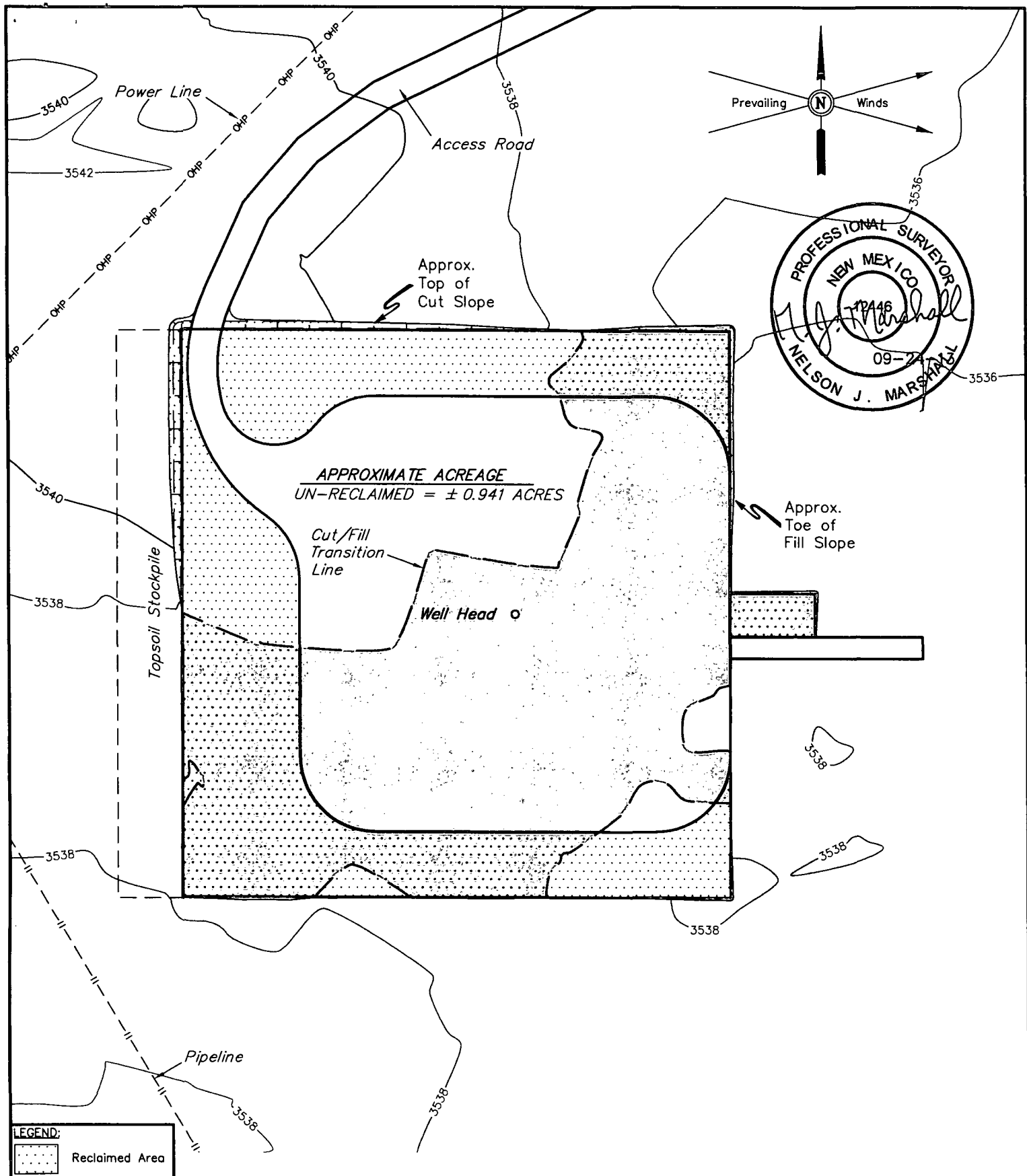
REVISED:

TYPICAL CROSS SECTIONS

FIGURE #2



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



**LEGEND:**

 Reclaimed Area

**NOTES:**

ConocoPhillips

**ConocoPhillips Company**

SEMU 245  
SECTION 19, T20S, R38E, N.M.P.M.  
1528' FSL 2204' FEL

DRAWN BY: J.W.

SCALE: 1" = 60'

DATE: 09-19-13

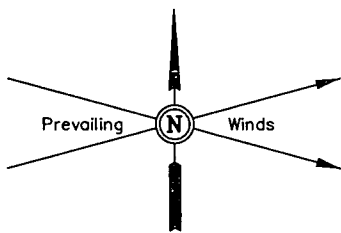
REVISED:

**RECLAMATION DIAGRAM**

**FIGURE #4**



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



Existing  
Power Line



Proposed  
Access Road

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N45°W	248'
L2	S59°W	255'

Topsoil Stockpile

Well Head

Existing  
Pipeline

600' X 600'  
Archaeological Survey  
Boundary

NOTES:

ConocoPhillips

**ConocoPhillips Company**

SEMU 245  
SECTION 19, T20S, R38E, N.M.P.M.  
1528' FSL 2204' FEL

DRAWN BY: J.W.

SCALE: 1" = 100'

DATE: 09-19-13

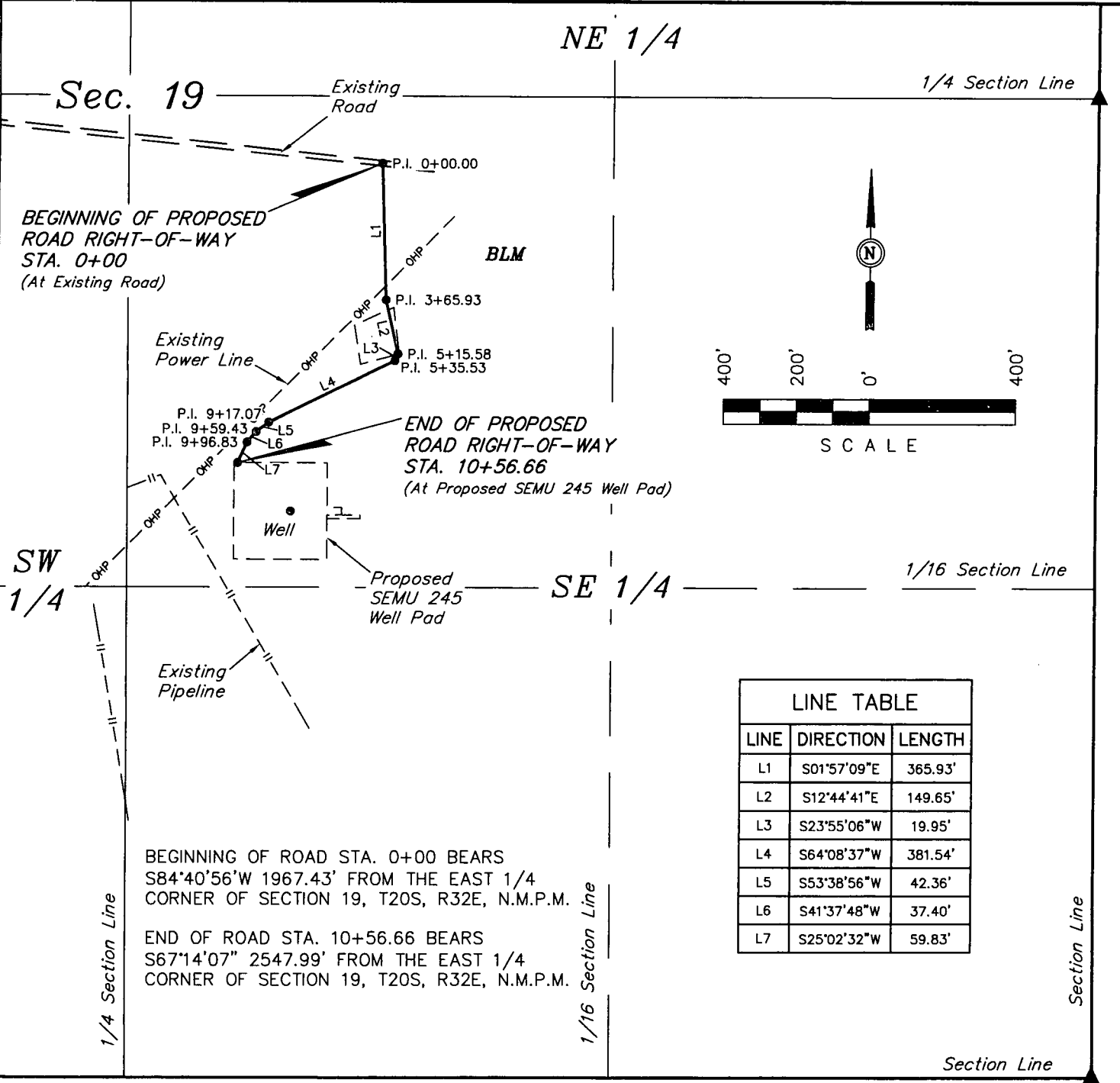
REVISED:

ARCHAEOLOGICAL SURVEY  
BOUNDARY

FIGURE #5



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



ROAD RIGHT-OF-WAY DESCRIPTION

A 20' WIDE RIGHT-OF-WAY 10' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

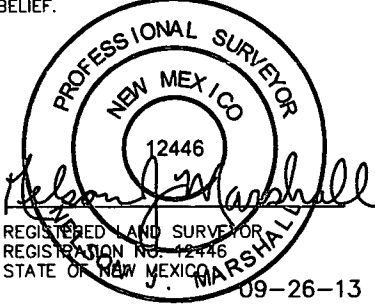
BEGINNING AT A POINT IN THE NW 1/4 SE 1/4 OF SECTION 19, T20S, R32E, N.M.P.M., WHICH BEARS S84°40'56"W 1967.43' FROM THE EAST 1/4 CORNER OF SAID SECTION 19, THENCE S01°57'09"E 365.93'; THENCE S12°44'41"E 149.65'; THENCE S23°55'06"W 19.95'; THENCE S64°08'37"W 381.54'; THENCE S53°38'56"W 42.36'; THENCE S41°37'48"W 37.40'; THENCE S25°02'32"W 59.83' TO A POINT IN THE NW 1/4 SE 1/4 OF SAID SECTION 19, WHICH BEARS S67°14'07"W 2547.99' FROM THE EAST 1/4 CORNER OF SAID SECTION 19. 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 0.485 ACRES MORE OR LESS.

▲ = SECTION CORNERS LOCATED.

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
BLM	1056.66	0.485	64.04

CERTIFICATE

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



NOTES:  
• The maximum grade of existing ground for the proposed access road is ±1%.

ConocoPhillips

ConocoPhillips Company

SEMU 245  
SECTION 19, T20S, R38E, N.M.P.M.  
1528' FSL 2204' FEL

DRAWN BY: J.W.  
DATE: 09-19-13

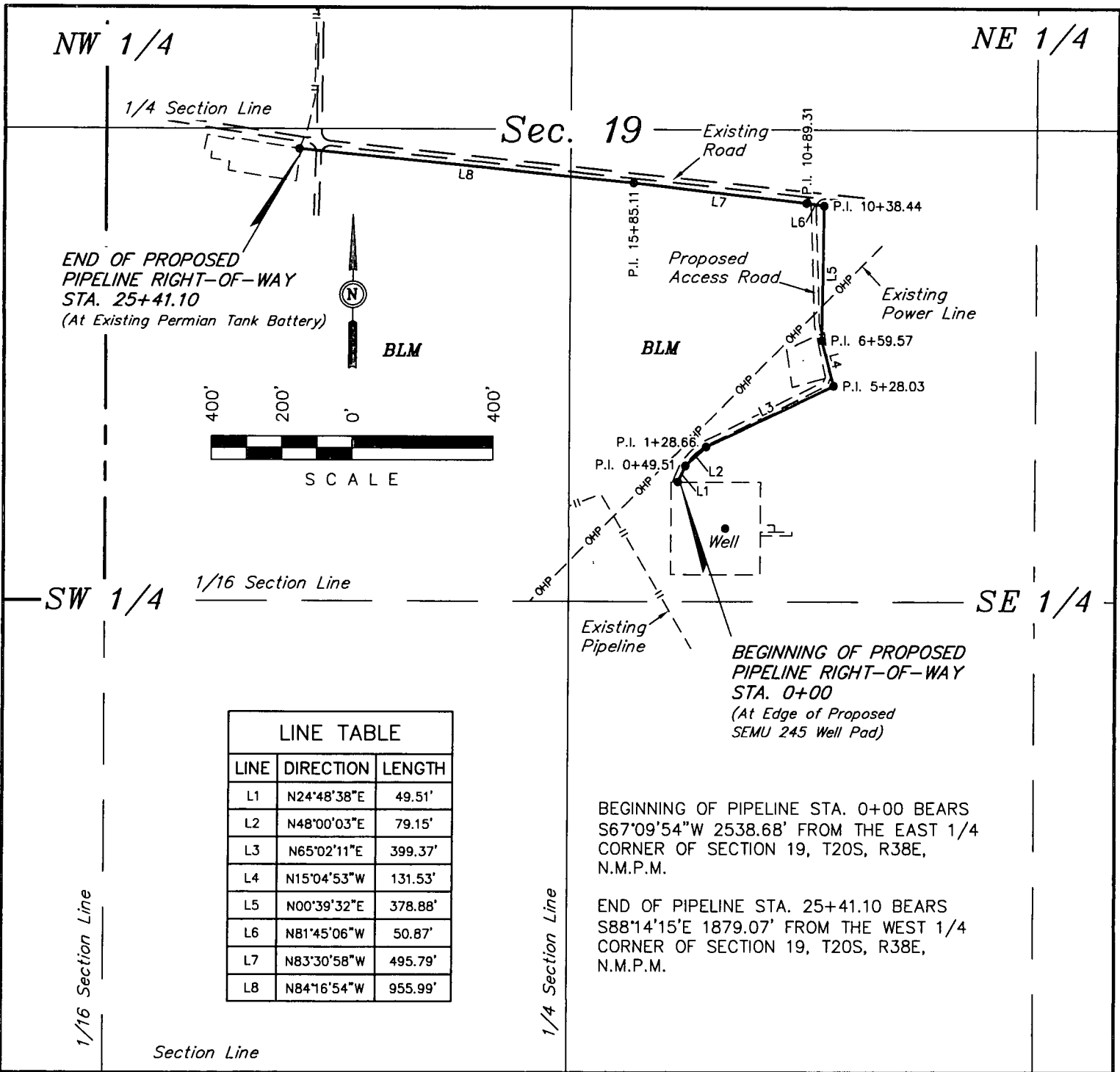
SCALE: 1" = 400'  
REVISED:



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

ACCESS ROAD R-O-W

FIGURE #6



### PIPELINE RIGHT-OF-WAY DESCRIPTION

A 6' WIDE RIGHT-OF-WAY 3' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

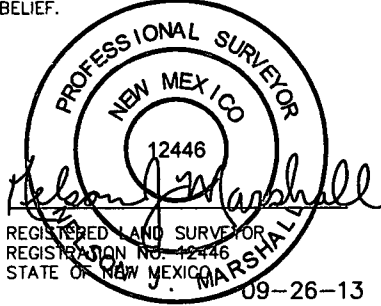
BEGINNING AT A POINT IN THE NW 1/4 SE 1/4 OF SECTION 19, T20S, R38E, N.M.P.M., WHICH BEARS S67°09'54"W 2538.68' FROM THE EAST 1/4 CORNER OF SAID SECTION 19, THENCE N24°48'38"E 49.51'; THENCE N48°00'03"E 79.15'; THENCE N65°02'11"E 399.37'; THENCE N15°04'53"W 131.53'; THENCE N00°39'32"E 378.88'; THENCE N81°45'06"W 50.87'; THENCE N83°30'58"W 495.79'; THENCE N84°16'54"W 955.99' TO A POINT IN THE NE 1/4 SW 1/4 OF SAID SECTION 19, WHICH BEARS S88°14'15"E 1879.07' FROM THE WEST 1/4 CORNER OF SAID SECTION 19. 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 0.350 ACRES MORE OR LESS.

▲ = SECTION CORNERS LOCATED.


RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
BLM	2541.10	0.350	154.01

### CERTIFICATE

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



### NOTES:

NOTES:	ConocoPhillips		ConocoPhillips Company	
	SEMU 245 SECTION 19, T20S, R38E, N.M.P.M. 1528' FSL 2204' FEL			
 <p>Corporate Office * 85 South 200 East Vernal, UT 84078 * (435) 789-1017</p>	DRAWN BY: J.W.	SCALE: 1" = 400'		
	DATE: 09-19-13	REVISED:		
	PIPELINE R-O-W			FIGURE #7

NE 1/4

Sec. 19

1/4 Section Line

Existing Road

BLM

Existing Power Line

BEGINNING OF PROPOSED POWER LINE RIGHT-OF-WAY  
STA. 0+00  
(At Existing Power Line)

END OF PROPOSED POWER LINE RIGHT-OF-WAY  
STA. 10+56.66  
(At Proposed SEMU 245 Well Pad)

Proposed SEMU 245 Well Pad

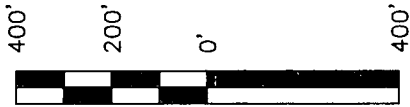
Well

Existing Pipeline

SW 1/4

SE 1/4

1/16 Section Line



SCALE

LINE TABLE

LINE	DIRECTION	LENGTH
L1	S03°24'57"W	58.81'

BEGINNING OF POWER LINE STA. 0+00 BEARS S68°36'04"W 2540.96' FROM THE EAST 1/4 CORNER OF SECTION 19, T20S, R38E, N.M.P.M.

END OF POWER LINE STA. 0+58.81 BEARS S67°24'33"W 2566.20' FROM THE EAST 1/4 CORNER OF SECTION 19, T20S, R38E, N.M.P.M.

1/4 Section Line

1/16 Section Line

Section Line

Section Line

POWER LINE RIGHT-OF-WAY DESCRIPTION

A 10' WIDE RIGHT-OF-WAY 5' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE NW 1/4 SE 1/4 OF SECTION 19, T20S, R38E, N.M.P.M., WHICH BEARS S68°36'04"W 2540.96' FROM THE EAST 1/4 CORNER OF SAID SECTION 19, THENCE S03°24'57"W 58.81' TO A POINT IN THE NW 1/4 SE 1/4 OF SAID SECTION 19, WHICH BEARS S67°24'33"W 2566.20' FROM THE EAST 1/4 CORNER OF SAID SECTION 19. 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 0.014 ACRES MORE OR LESS.

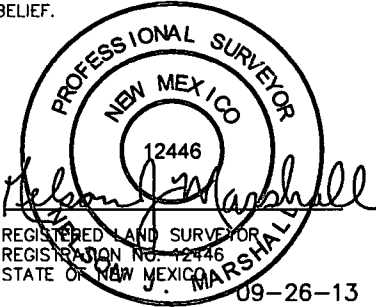
▲ = SECTION CORNERS LOCATED.

RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
BLM	58.81	0.014	3.56

CERTIFICATE

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



NOTES:

ConocoPhillips

ConocoPhillips Company

SEMU 245  
SECTION 19, T20S, R38E, N.M.P.M.  
1528' FSL 2204' FEL

DRAWN BY: J.W.

SCALE: 1" = 400'

DATE: 09-19-13

REVISED:



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

POWER LINE R-O-W

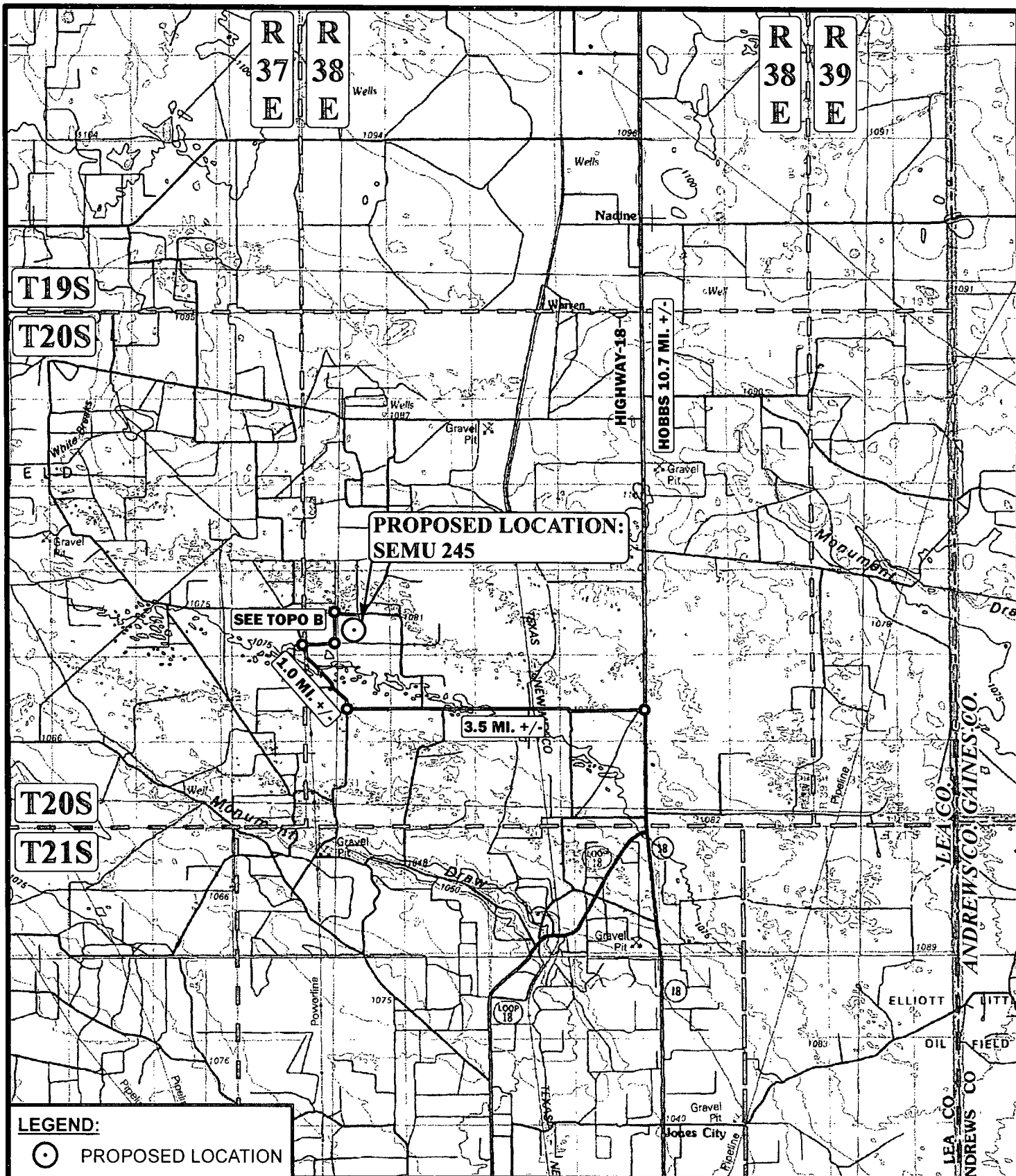
FIGURE #8



**ConocoPhillips Company**  
**SEMU 245**  
**SECTION 19, T20S, R38E, N.M.P.M.**

BEGINNING AT THE INTERSECTION OF U.S. HIGHWAY 62/U.S. HIGHWAY 180 AND HIGHWAY 18, PROCEED IN A SOUTHERLY DIRECTION FROM HOBBS, NEW MEXICO ALONG HIGHWAY 18 APPROXIMATELY 10.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 3.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 1.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY, THEN SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1,057' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM HOBBS, NEW MEXICO TO THE PROPOSED LOCATION IS APPROXIMATELY 16.5 MILES.



SCALE: 1:100,000

REVISED:

DRAWN BY: J.L.H.

DATE DRAWN: 09-20-13



ConocoPhillips

ConocoPhillips Company

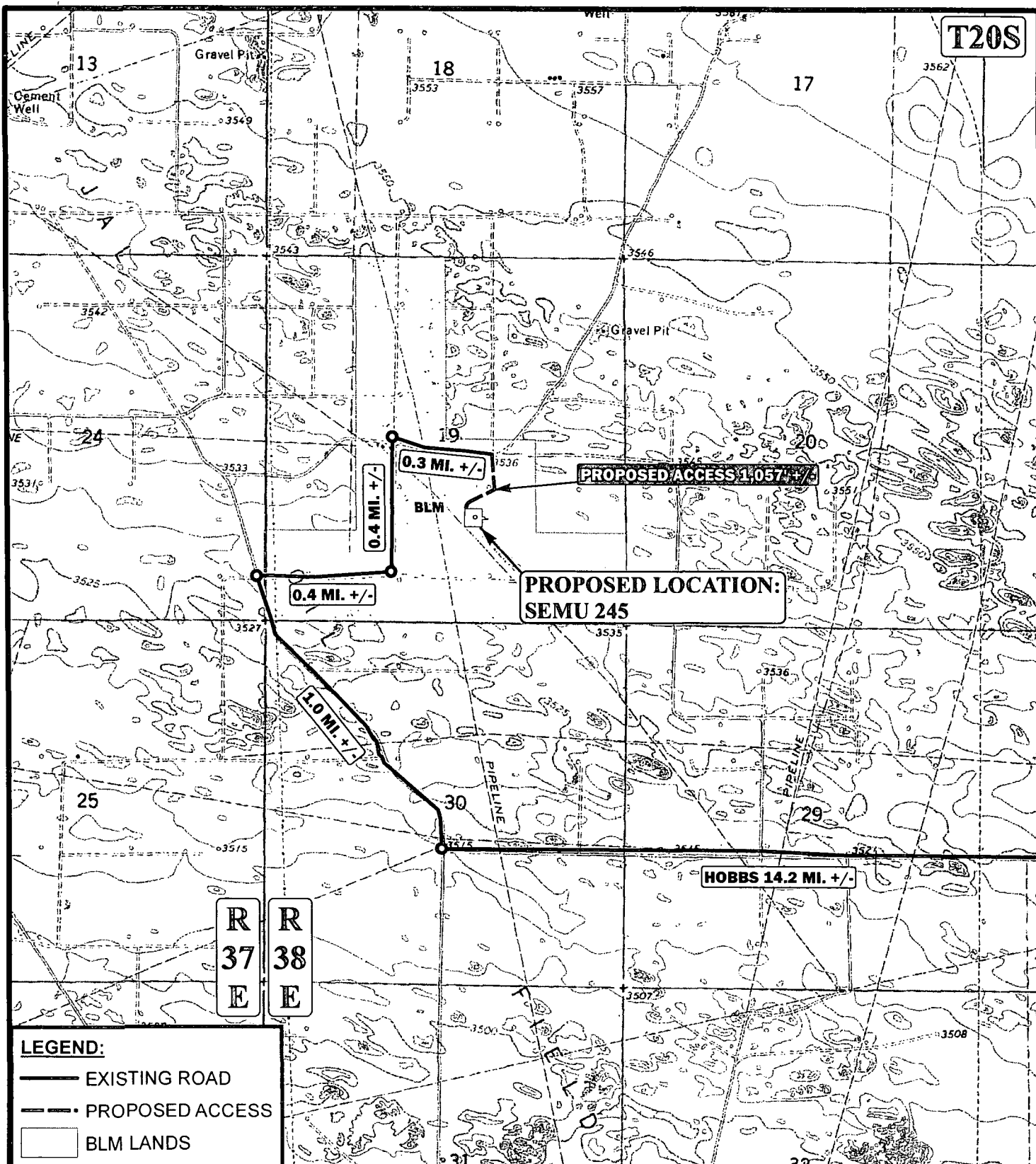
SEMU 245  
SECTION 19, T20S, R38E, N.M.P.M.  
1528' FSL 2204' FEL

ACCESS ROAD MAP

TOPO A



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



\*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 UINTAH ENGINEERING & LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

SCALE: 1" = 2000'

REVISED:

DRAWN BY: J.L.H.

DATE DRAWN: 09-20-13



ConocoPhillips

ConocoPhillips Company

SEM U 245  
SECTION 19, T20S, R38E, N.M.P.M.  
1528' FSL 2204' FEL

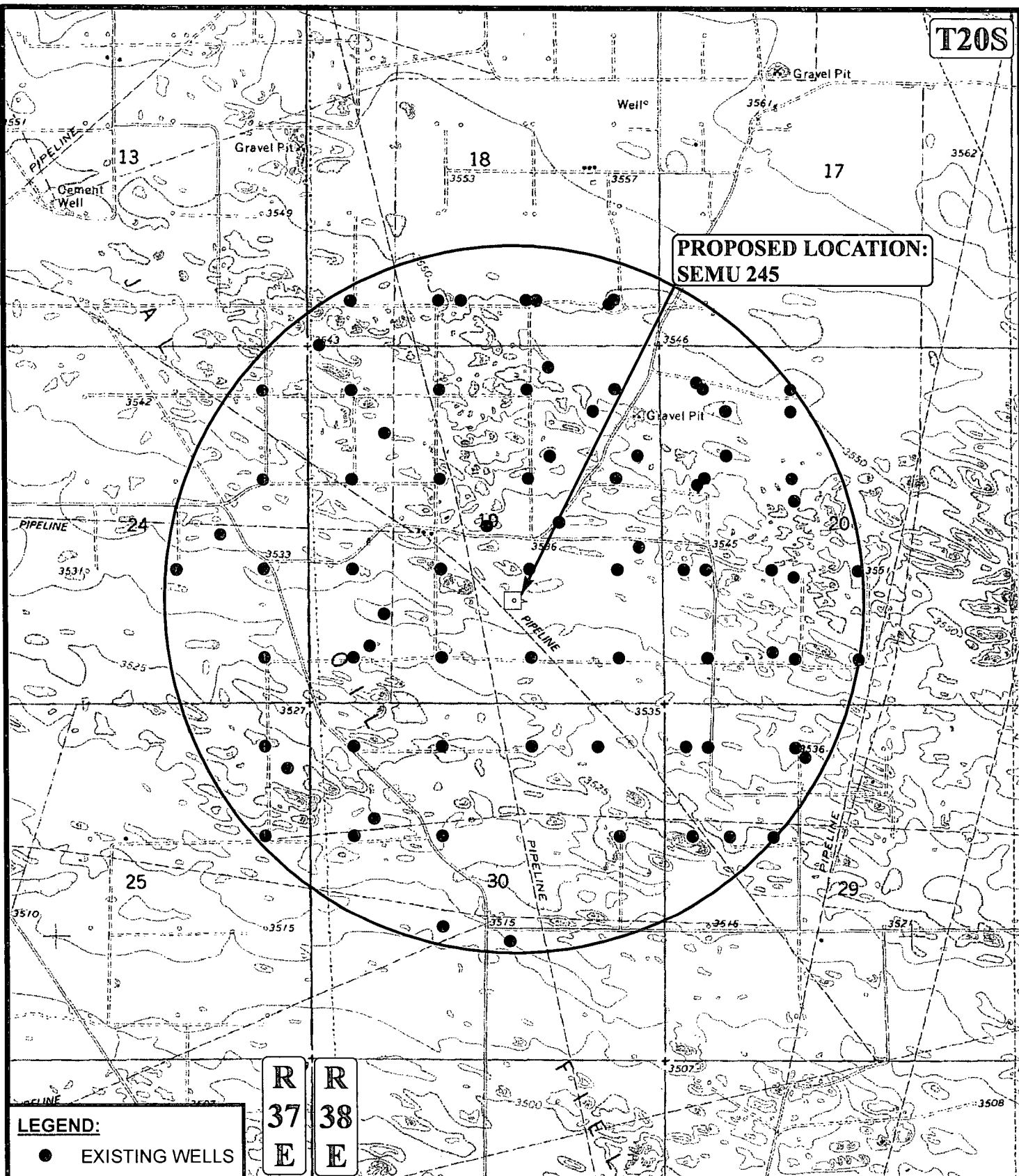
ACCESS ROAD MAP

TOPO B



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

T20S



**LEGEND:**

● EXISTING WELLS

R 37 E R 38 E

SCALE: 1" = 2000'

REVISED:

DRAWN BY: J.L.H.

DATE DRAWN: 09-20-13



ConocoPhillips

ConocoPhillips Company

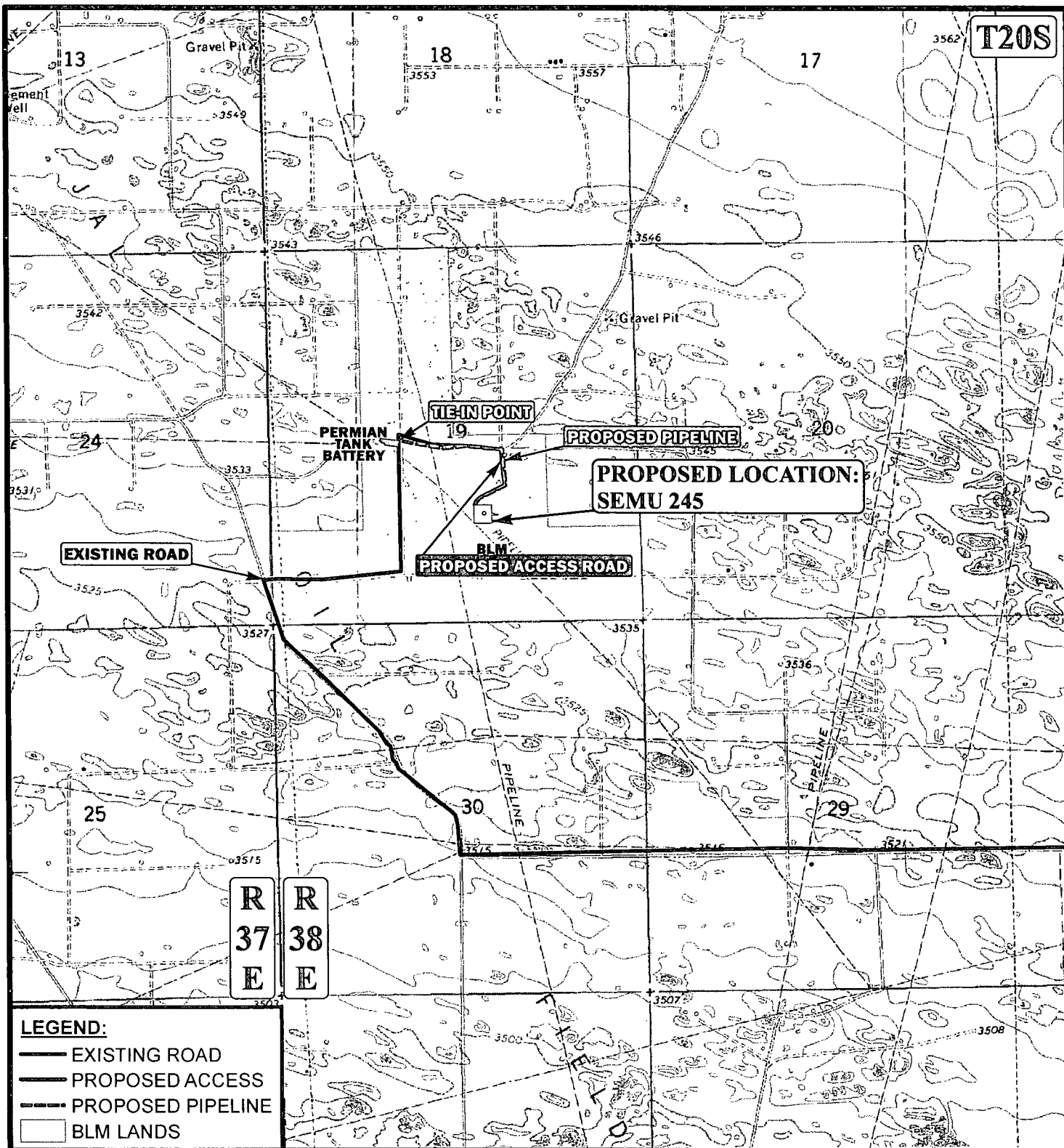
SEM U 245  
SECTION 19, T20S, R38E, N.M.P.M.  
1528' FSL 2204' FEL

TOPOGRAPHIC MAP

TOPO C



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



**APPROXIMATE TOTAL PIPELINE DISTANCE 2,541' +/-**

\*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 UINTAH ENGINEERING & LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

SCALE: 1" = 2000'

REVISED:

DRAWN BY: J.L.H.

DATE DRAWN: 09-20-13



ConocoPhillips

**ConocoPhillips Company**

SEM U 245  
SECTION 19, T20S, R38E, N.M.P.M.  
1528' FSL 2204' FEL

**PIPELINE MAP**

TOPO D



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

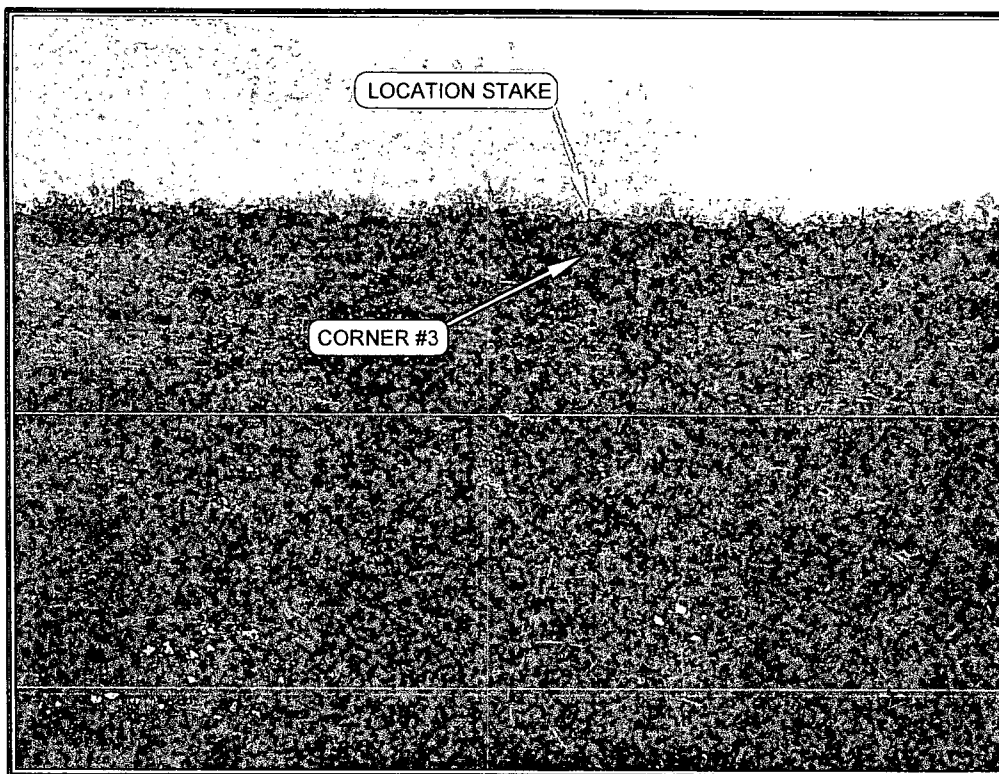


PHOTO: VIEW FROM CORNER #3 TO LOCATION STAKE

CAMERA ANGLE: SOUTHERLY

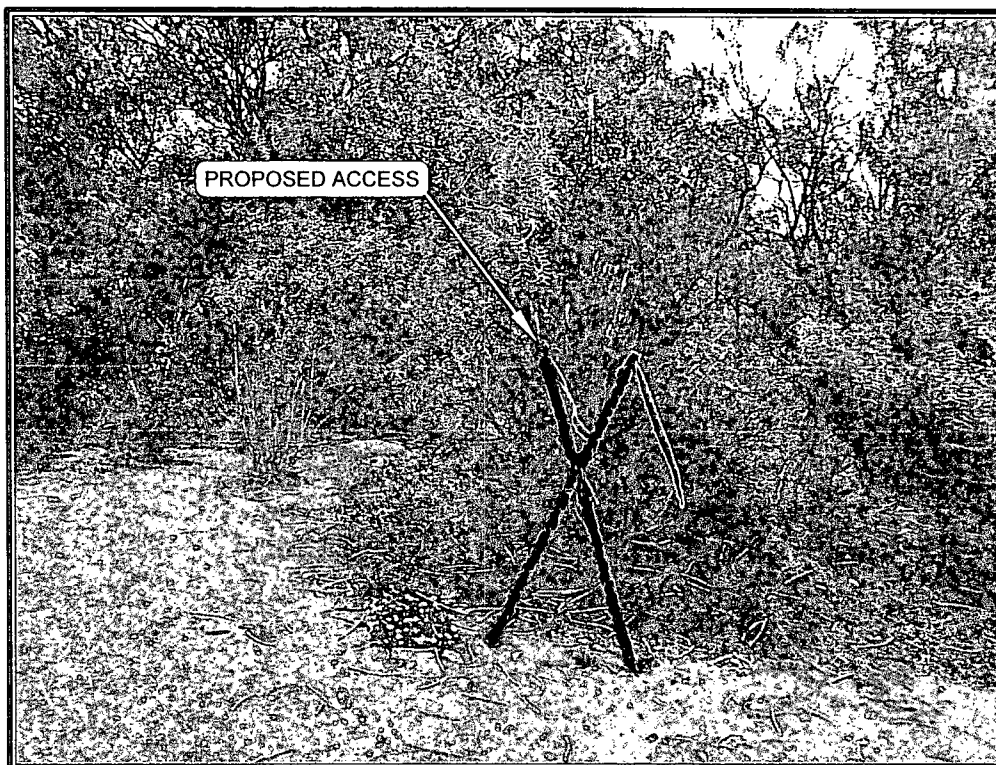


PHOTO: VIEW FROM BEGINNING OF THE PROPOSED ACCESS

CAMERA ANGLE: WESTERLY

**NOTES:**

ConocoPhillips

**ConocoPhillips Company**

SEMU 245  
SECTION 19, T20S, R38E, N.M.P.M.  
1528' FSL 2204' FEL

TAKEN BY: J.V.

DRAWN BY: J.L.H.

REVISED:

DATE: 09-07-13

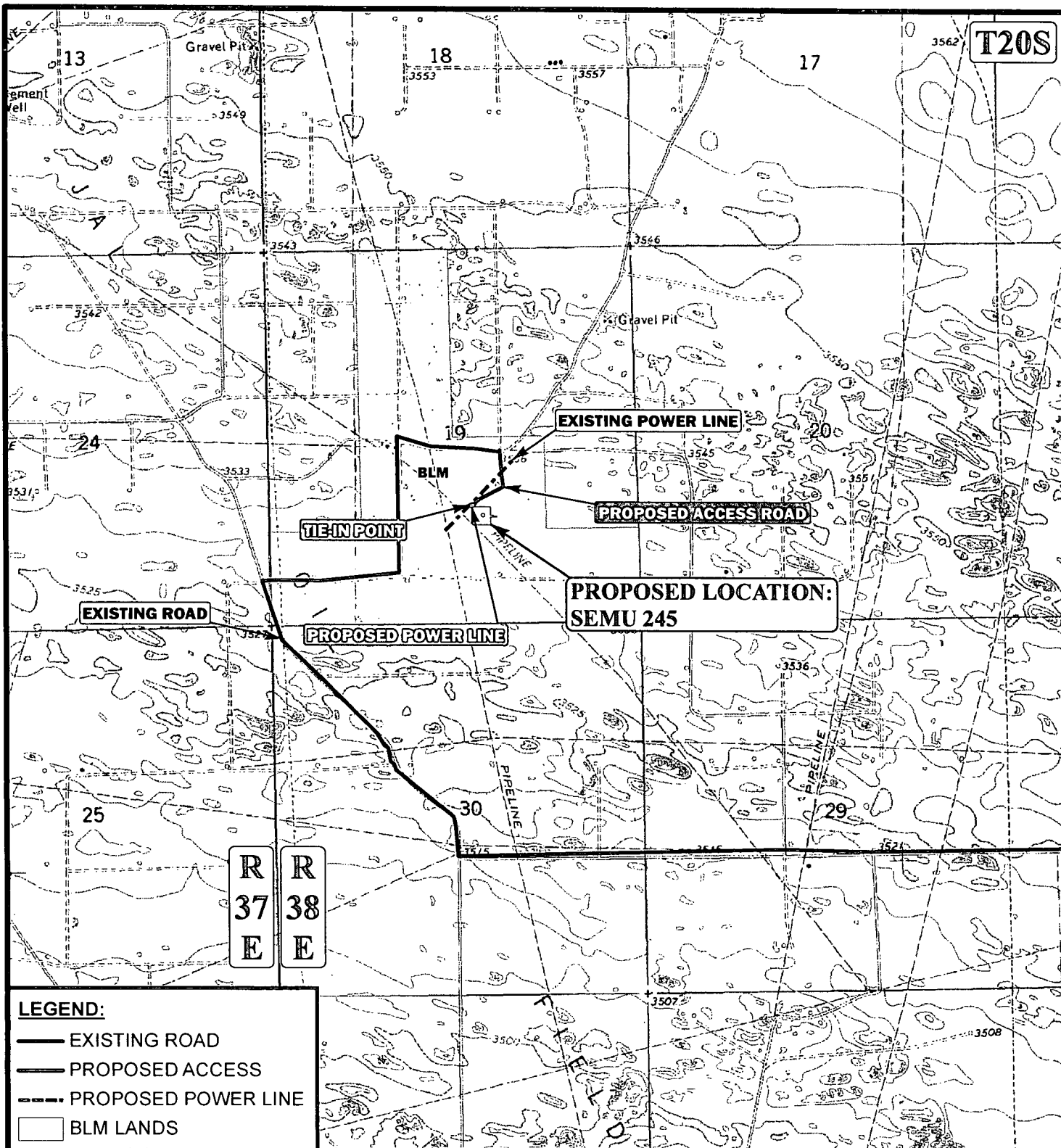
DATE: 09-20-13



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

**PHOTO SHEET**





**APPROXIMATE TOTAL POWER LINE DISTANCE 59' +/-**

\*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 & LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

SCALE: 1" = 2000'	REVISED:
DRAWN BY: J.L.H.	
DATE DRAWN: 09-20-13	



ConocoPhillips

**ConocoPhillips Company**

SEMU 245  
SECTION 19, T20S, R38E, N.M.P.M.  
1528' FSL 2204' FEL

**POWER LINE MAP**

TOPO E



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