

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

HOBBS OCD

AMENDED REPORT

JUL 20 2016

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025- 49370	² Pool Code 44500	³ Pool Name Maljamar, Yeso West
⁴ Property Code 38653	⁵ Property Name RUBY FEDERAL	
⁷ OGRID No. 217817	⁸ Operator Name ConocoPhillips Company	⁶ Well Number 100H
		⁹ Elevation 3979.4'

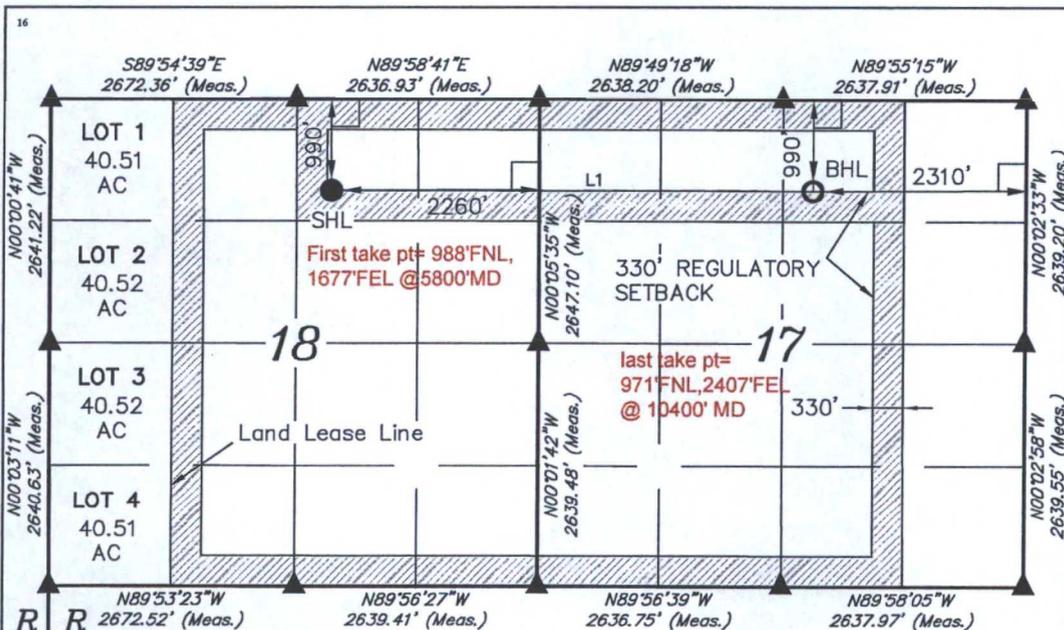
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	18	17S	32E		990	NORTH	2260	EAST	LEA

¹¹ Bottom Hole Location If Different From Surface

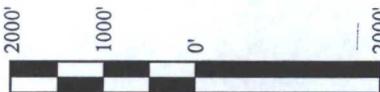
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	17	17S	32E		990	NORTH	2310	EAST	LEA
¹² Dedicated Acres 200	¹³ Joint or Infill	¹⁴ Consolidation Code		¹⁵ Order No.					

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



R R
31 32
E E

LINE	DIRECTION	LENGTH
L1	S89°54'57"E	5225.22'



DRAWN BY: T.E. 04-16-15

NAD 83 (SURFACE LOCATION) LATITUDE = 32°50'21.18" (32.839217) LONGITUDE = 103°48'16.46" (103.804572)	NAD 83 (BOTTOM HOLE) LATITUDE = 32°50'21.11" (32.839197) LONGITUDE = 103°47'15.24" (103.787567)
NAD 27 (SURFACE LOCATION) LATITUDE = 32°50'20.75" (32.839097) LONGITUDE = 103°48'14.64" (103.804067)	NAD 27 (BOTTOM HOLE) LATITUDE = 32°50'20.68" (32.839078) LONGITUDE = 103°47'13.42" (103.787061)
STATE PLANE NAD 83 (N.M. EAST) N: 669446.63 E: 703737.18	STATE PLANE NAD 83 (N.M. EAST) N: 669466.00 E: 708961.08
STATE PLANE NAD 27 (N.M. EAST) N: 669382.38 E: 662558.79	STATE PLANE NAD 27 (N.M. EAST) N: 669401.70 E: 667782.75

¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Susan B. Maunder 9/20/15
Signature Date

Susan B. Maunder
Printed Name

Susan.B.Maunder@cop.com
E-mail Address

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

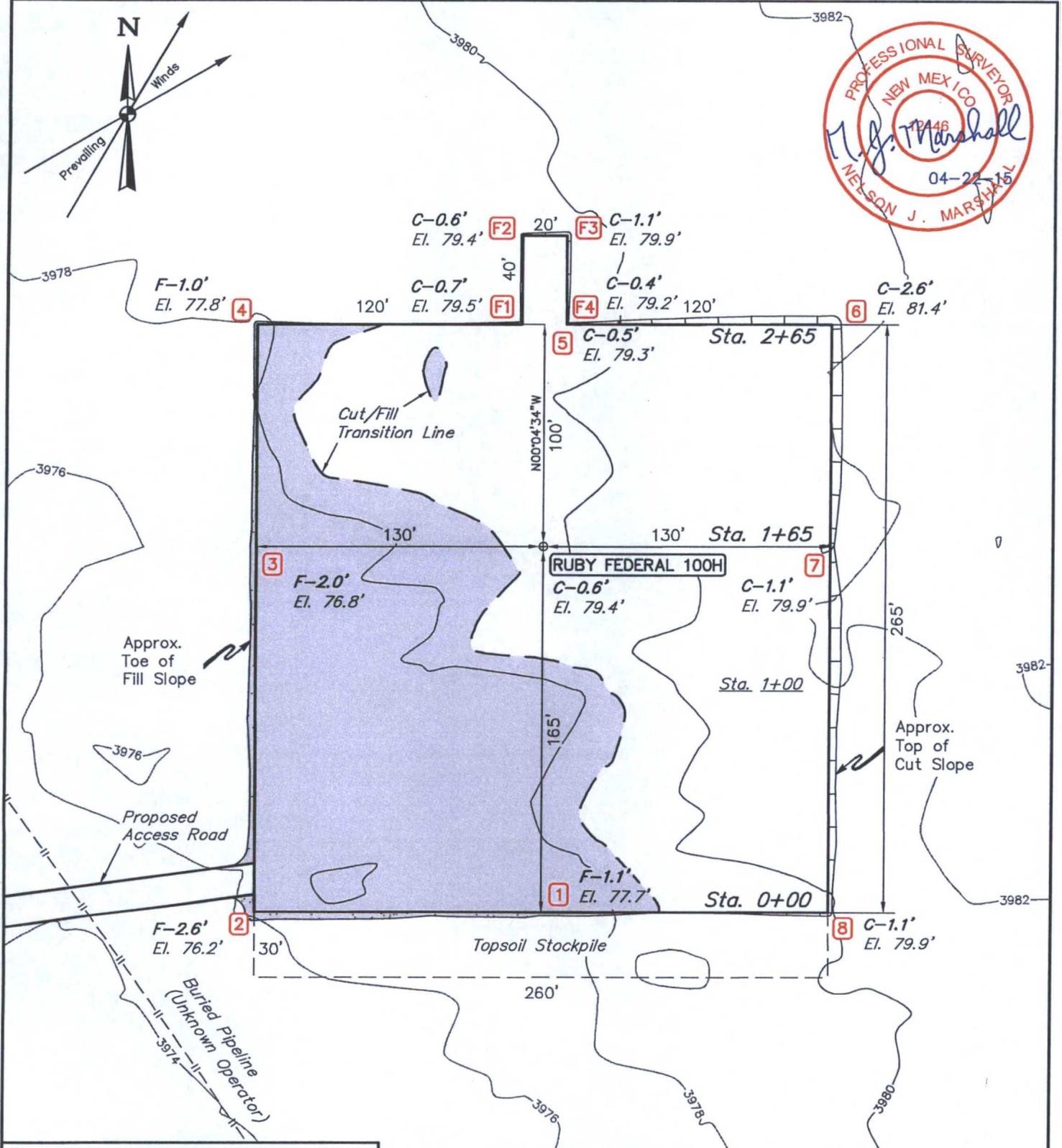
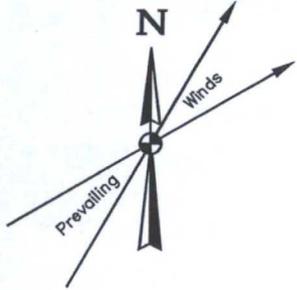
April 06, 2015

Date of Survey
Signature and Seal of Professional Surveyor:



Certificate Number:

▲ = SECTION CORNERS LOCATED.



FINISHED GRADE ELEVATION = 3978.8'

NOTES:

- Flare pit is to be located a min. of 100' from the wellhead.
- Contours shown at 2' intervals.

ConocoPhillips Company

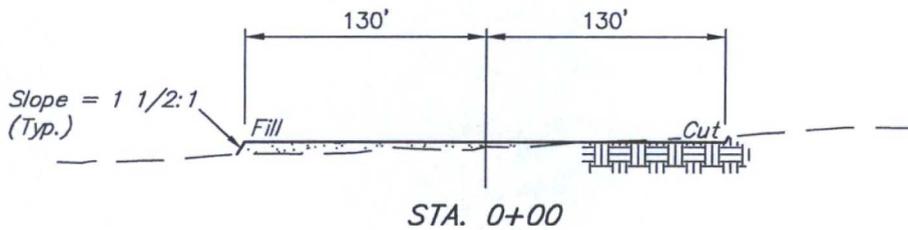
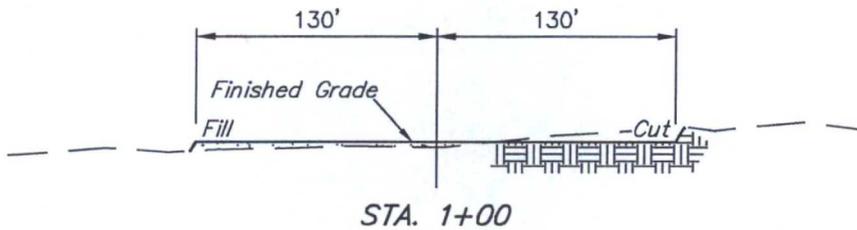
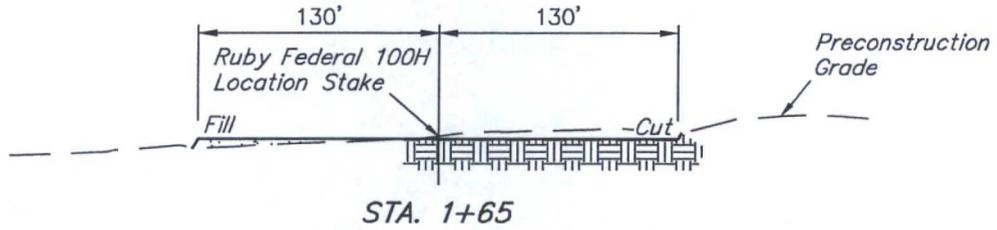
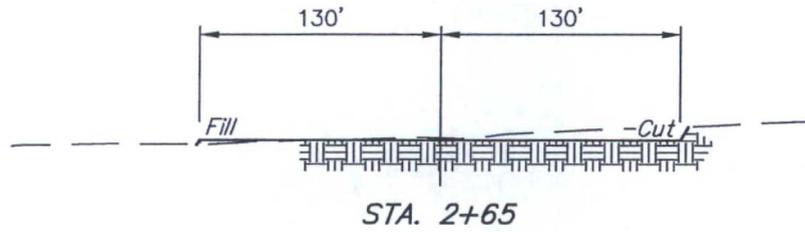
RUBY FEDERAL 100H
 SECTION 18, T17S, R32E, N.M.P.M.
 990' FNL 2260' FEL
 LEA COUNTY, NEW MEXICO



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

DRAWN BY: T.E.	DATE DRAWN: 04-17-15
SCALE: 1" = 60'	REVISED: 00-00-00
LOCATION LAYOUT	FIGURE #1

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



APPROXIMATE EARTHWORK QUANTITIES	
(3") TOPSOIL STRIPPING	670 Cu. Yds.
REMAINING LOCATION	1,640 Cu. Yds.
TOTAL CUT	2,310 Cu. Yds.
FILL	1,640 Cu. Yds.
EXCESS MATERIAL	670 Cu. Yds.
TOPSOIL	670 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	0 Cu. Yds.

APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	ACRES
WELL SITE DISTURBANCE	NA	±1.831
30' WIDE ACCESS ROAD R-O-W DISTURBANCE	±639.93'	±0.440
10' WIDE FLOW LINE R-O-W DISTURBANCE	±10923.43'	±2.507
10' WIDE POWER LINE R-O-W DISTURBANCE	±772.96'	±0.178
TOTAL SURFACE USE AREA		±4.956

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.

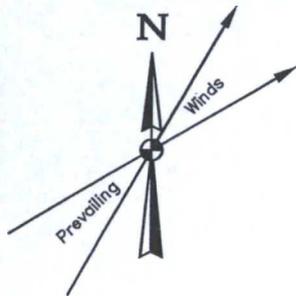
ConocoPhillips Company
RUBY FEDERAL 100H
SECTION 18, T17S, R32E, N.M.P.M.
990' FNL 2260' FEL
LEA COUNTY, NEW MEXICO

DRAWN BY: T.E.	DATE DRAWN: 04-17-15
SCALE: AS SHOWN	REVISED: 00-00-00

TYPICAL CROSS SECTIONS **FIGURE #2**



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



600' X 600' Archaeological Survey Boundary

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N00°19'20"E	285.04'
L2	N00°59'46"E	278.64'
L3	S54°56'54"W	263.38'

Surface Flow Line
(ConocoPhillips Company)

L1
L2

Well Head

Buried Pipeline
(Unknown Operator)

Proposed
Access Road

Topsoil Stockpile

NOTES:

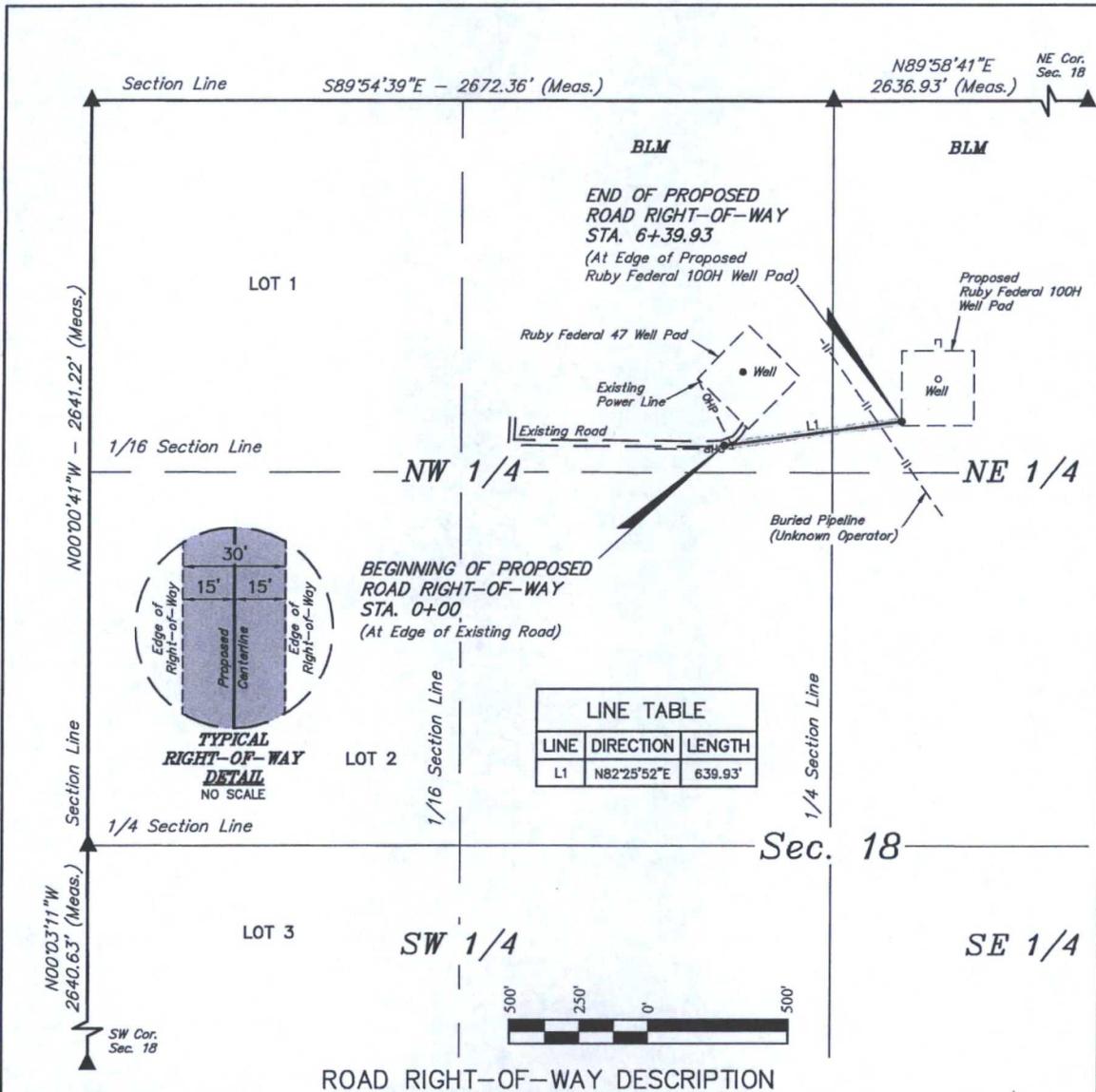
ConocoPhillips Company

**RUBY FEDERAL 100H
SECTION 18, T17S, R32E, N.M.P.M.
990' FNL 2260' FEL
LEA COUNTY, NEW MEXICO**

DRAWN BY: T.E.	DATE DRAWN: 04-17-15
SCALE: 1" = 100'	REVISED: 00-00-00
ARCHAEOLOGICAL SURVEY BOUNDARY	
FIGURE #5	



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



ROAD RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE NE 1/4 NW 1/4 OF SECTION 18, T17S, R32E, N.M.P.M., WHICH BEARS S17°28'50"W 1283.77' FROM THE NORTH 1/4 CORNER OF SAID SECTION 18, THENCE N82°25'52"E 639.93' TO A POINT IN THE NW 1/4 NE 1/4 OF SAID SECTION 18, WHICH BEARS S12°18'23"E 1167.01' FROM THE NORTH 1/4 CORNER OF SAID SECTION 18. 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 0.440 ACRES MORE OR LESS.

BEGINNING OF ROAD STA. 0+00 BEARS S17°28'50"W 1283.77' FROM THE NORTH 1/4 CORNER OF SECTION 18, T17S, R32E, N.M.P.M.

END OF ROAD STA. 6+39.93 BEARS S12°18'23"E 1167.01' FROM THE NORTH 1/4 CORNER OF SECTION 18, T17S, R32E, N.M.P.M.

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	RODS	ACRES
NE 1/4 SEC 18 BLM	250.22	15.16	0.172
NW 1/4 SEC 18 BLM	389.71	23.62	0.268
TOTAL ON BLM	639.93	38.78	0.440

▲ = SECTION CORNERS LOCATED.

NOTES:

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

CERTIFICATE OF PROFESSIONAL SURVEY
 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.

Helson J. Marshall
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 12446
 STATE OF NEW MEXICO

04-22-15

ConocoPhillips Company

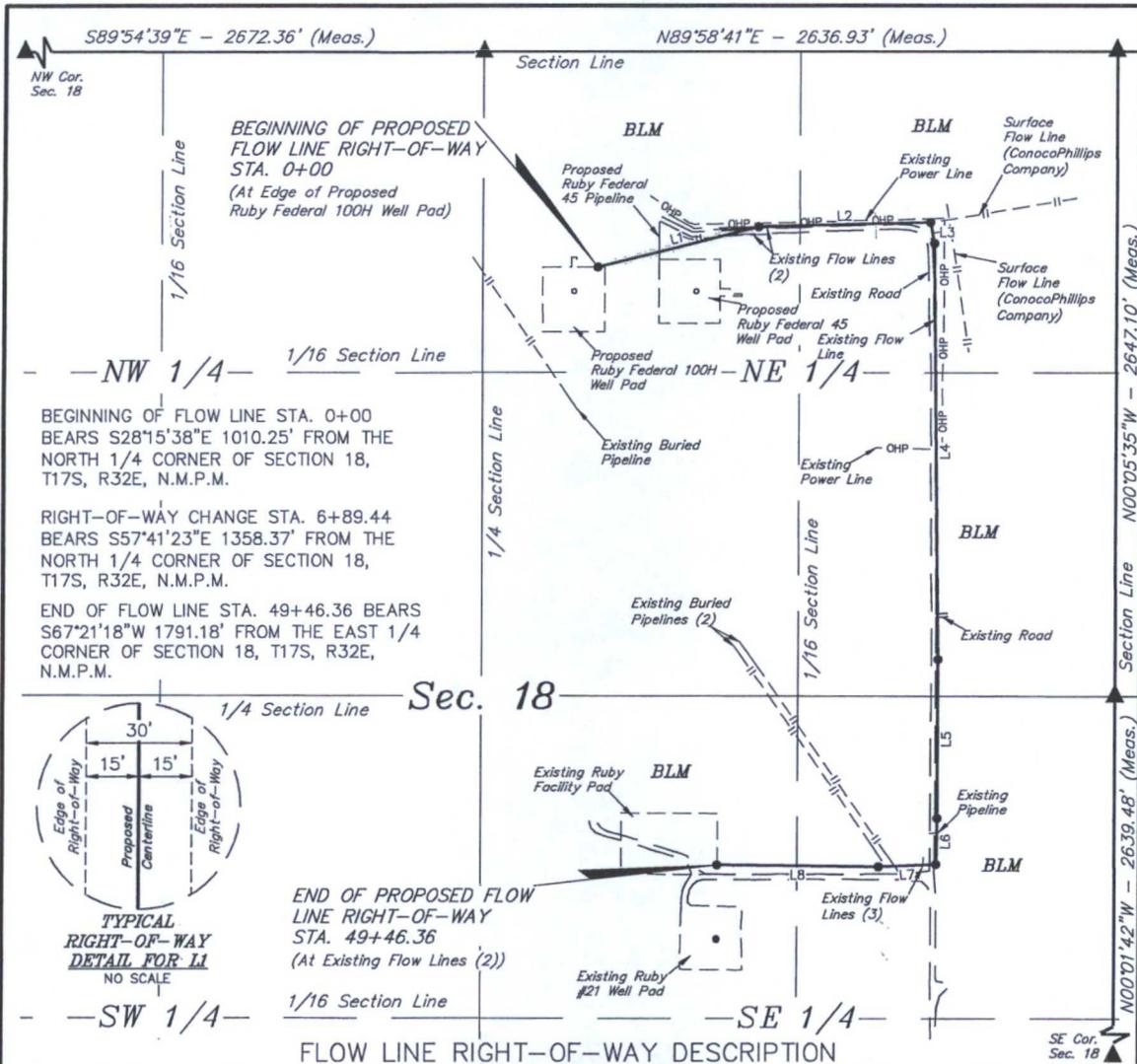
**RUBY FEDERAL 100H
 SECTION 18, T17S, R32E, N.M.P.M.
 LEA COUNTY, NEW MEXICO**

DRAWN BY: T.E.	DATE DRAWN: 04-17-15
SCALE: 1" = 500'	REVISED: 00-00-00

ACCESS ROAD R-O-W



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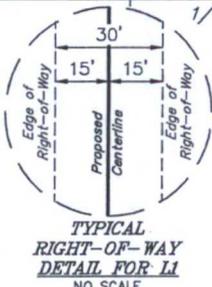


BEGINNING OF PROPOSED FLOW LINE RIGHT-OF-WAY STA. 0+00 (At Edge of Proposed Ruby Federal 100H Well Pad)

BEGINNING OF FLOW LINE STA. 0+00 BEARS S28°15'38"E 1010.25' FROM THE NORTH 1/4 CORNER OF SECTION 18, T17S, R32E, N.M.P.M.

RIGHT-OF-WAY CHANGE STA. 6+89.44 BEARS S57°41'23"E 1358.37' FROM THE NORTH 1/4 CORNER OF SECTION 18, T17S, R32E, N.M.P.M.

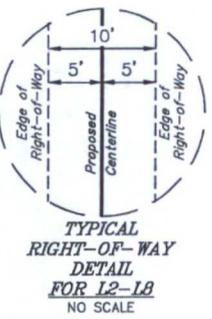
END OF FLOW LINE STA. 49+46.36 BEARS S67°21'18"W 1791.18' FROM THE EAST 1/4 CORNER OF SECTION 18, T17S, R32E, N.M.P.M.



END OF PROPOSED FLOW LINE RIGHT-OF-WAY STA. 49+46.36 (At Existing Flow Lines (2))

FLOW LINE RIGHT-OF-WAY DESCRIPTION

BEGINNING AT A POINT IN THE NW 1/4 NE 1/4 OF SECTION 18, T17S, R32E, N.M.P.M., WHICH BEARS S28°15'38"E 1010.25' FROM THE NORTH 1/4 CORNER OF SAID SECTION 18, THENCE A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE N76°15'28"E 689.44' TO A POINT IN THE NW 1/4 NE 1/4 OF SAID SECTION 18, WHICH BEARS S57°41'23"E 1358.37' FROM THE NORTH 1/4 OF SAID SECTION 18, THENCE A 10' WIDE RIGHT-OF-WAY 5' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE N88°31'56"E 716.14'; THENCE S11°38'40"E 87.47'; THENCE S00°47'56"E 1700.42'; THENCE S00°00'18"W 650.65'; THENCE S01°15'15"W 189.01'; THENCE S87°38'34"W 238.92'; THENCE N89°22'31"W 674.31' TO A POINT IN THE NW 1/4 SE 1/4 OF SAID SECTION 18, WHICH BEARS S67°21'18"W 1791.18' FROM THE EAST 1/4 CORNER OF SAID SECTION 18. 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 1.453 ACRES MORE OR LESS.



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N76°15'28"E	689.44'
L2	N88°31'56"E	716.14'
L3	S11°38'40"E	87.47'
L4	S00°47'56"E	1700.42'
L5	S00°00'18"W	650.65'
L6	S01°15'15"W	189.01'
L7	S87°38'34"W	238.92'
L8	N89°22'31"W	674.31'

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	RODS	ACRES
NE 1/4 SEC 18 BLM	3344.67	202.71	1.085
SE 1/4 SEC 18 BLM	1601.69	97.07	0.368
TOTAL ON BLM	4946.36	299.78	1.453

▲ = SECTION CORNERS LOCATED.

CERTIFICATE OF PROFESSIONAL SURVEY

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.

Nelson J. Marshall
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 12446
 STATE OF NEW MEXICO
 09-18-15

NOTES:
 * Basis of bearing is a G.P.S. observation (Vertical Control Datum: NAVD88)



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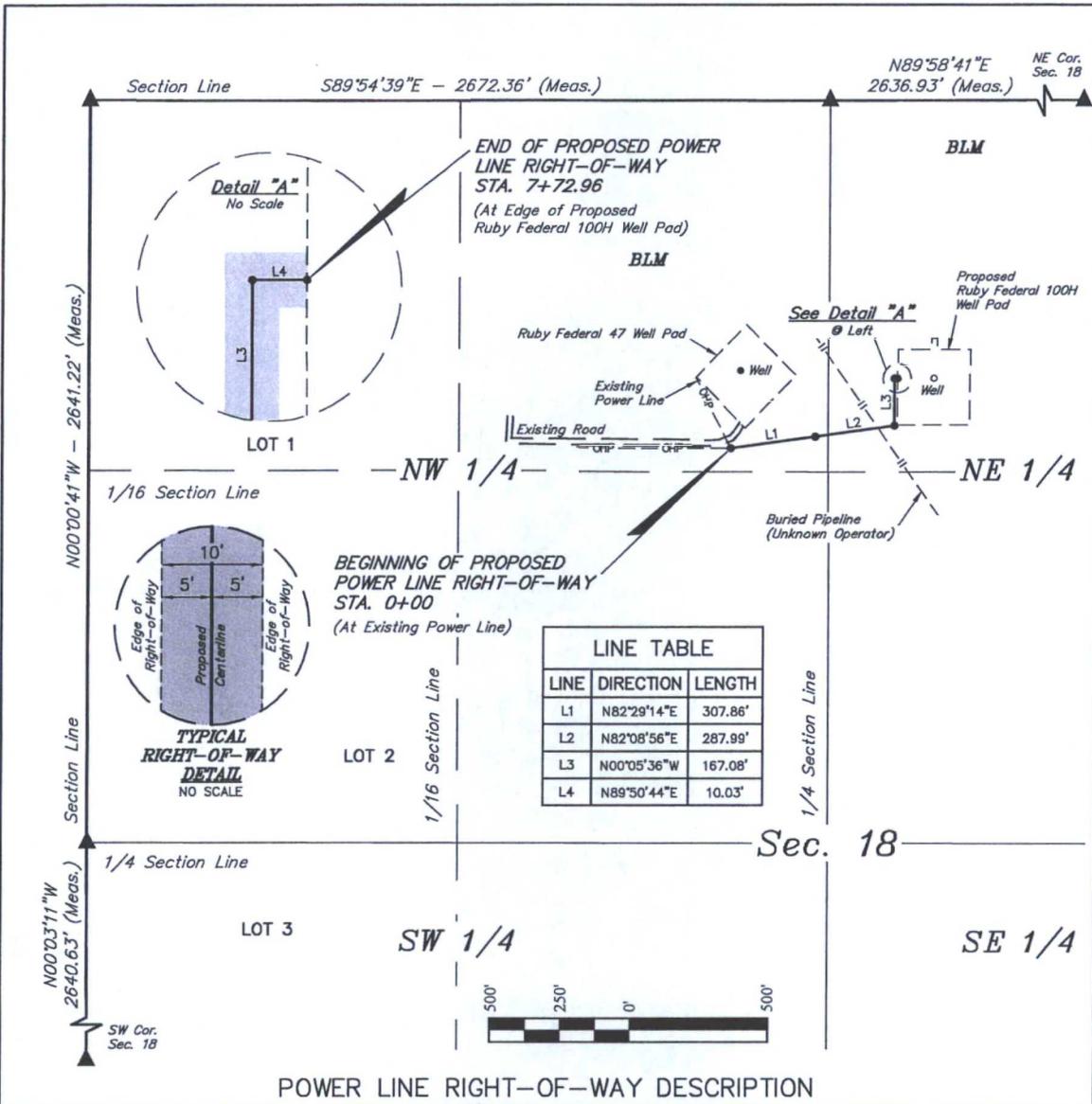


ConocoPhillips Company

**RUBY FEDERAL 100H
 SECTION 18, T17S, R32E, N.M.P.M.
 LEA COUNTY, NEW MEXICO**

DRAWN BY: T.E. DATE DRAWN: 04-17-15
 SCALE: 1" = 600' REVISED: 09-18-15 S.O.

FLOW LINE R-O-W



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 NE 1/4 NW 1/4 OF SECTION 18, T17S, R32E, N.M.P.M., WHICH BEARS S15°52'27"W 1285.91' FROM THE NORTH 1/4 CORNER OF SAID SECTION 18, THENCE N82°29'14"E 307.86'; THENCE N82°08'56"E 287.99'; THENCE N00°05'36"W 167.08'; THENCE N89°50'44"E 10.03' TO A POINT IN THE NW 1/4 NE 1/4 OF SAID SECTION 18, WHICH BEARS S14°05'26"E 1020.89' FROM THE NORTH 1/4 CORNER OF SAID SECTION 18. 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 0.178 ACRES MORE OR LESS.

BEGINNING OF POWER LINE STA. 0+00 BEARS S15°52'27"W 1285.91' FROM THE NORTH 1/4 CORNER OF SECTION 18, T17S, R32E, N.M.P.M.

END OF POWER LINE STA. 7+72.96 BEARS S14°05'26"E 1020.89' FROM THE NORTH 1/4 CORNER OF SECTION 18, T17S, R32E, N.M.P.M.

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	RODS	ACRES
NW 1/4 SEC 18 BLM	355.52	21.55	0.082
NE 1/4 SEC 18 BLM	417.44	25.30	0.096
TOTAL ON BLM	772.96	46.85	0.178

▲ = SECTION CORNERS LOCATED.

NOTES:

CERTIFICATE OF PROFESSIONAL SURVEY
 THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS PREPARED FROM A 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.
 Nelson J. Marshall
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 12446
 STATE OF NEW MEXICO
 04-22-15

ConocoPhillips Company

RUBY FEDERAL 100H SECTION 18, T17S, R32E, N.M.P.M. LEA COUNTY, NEW MEXICO

DRAWN BY: T.E.	DATE DRAWN: 04-17-15
SCALE: 1" = 500'	REVISED: 00-00-00

POWER LINE R-O-W

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

UINTAH
 ENGINEERING & LAND SURVEYING

BEGINNING AT THE INTERSECTION OF U.S. HIGHWAY 82 AND MALJAMAR ROAD/COUNTY ROAD 126, PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION FROM MALJAMAR, NEW MEXICO ALONG U.S. HIGHWAY 82 APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN EASTERLY, THEN SOUTHERLY, THEN EASTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 640' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM MALJAMAR, NEW MEXICO TO THE PROPOSED LOCATION IS APPROXIMATELY 4.1 MILES.

ConocoPhillips Company

RUBY FEDERAL 100H
SECTION 18, T17S, R32E, N.M.P.M.
990' FNL 2600' FEL
LEA COUNTY, NEW MEXICO

DRAWN BY: B.D.

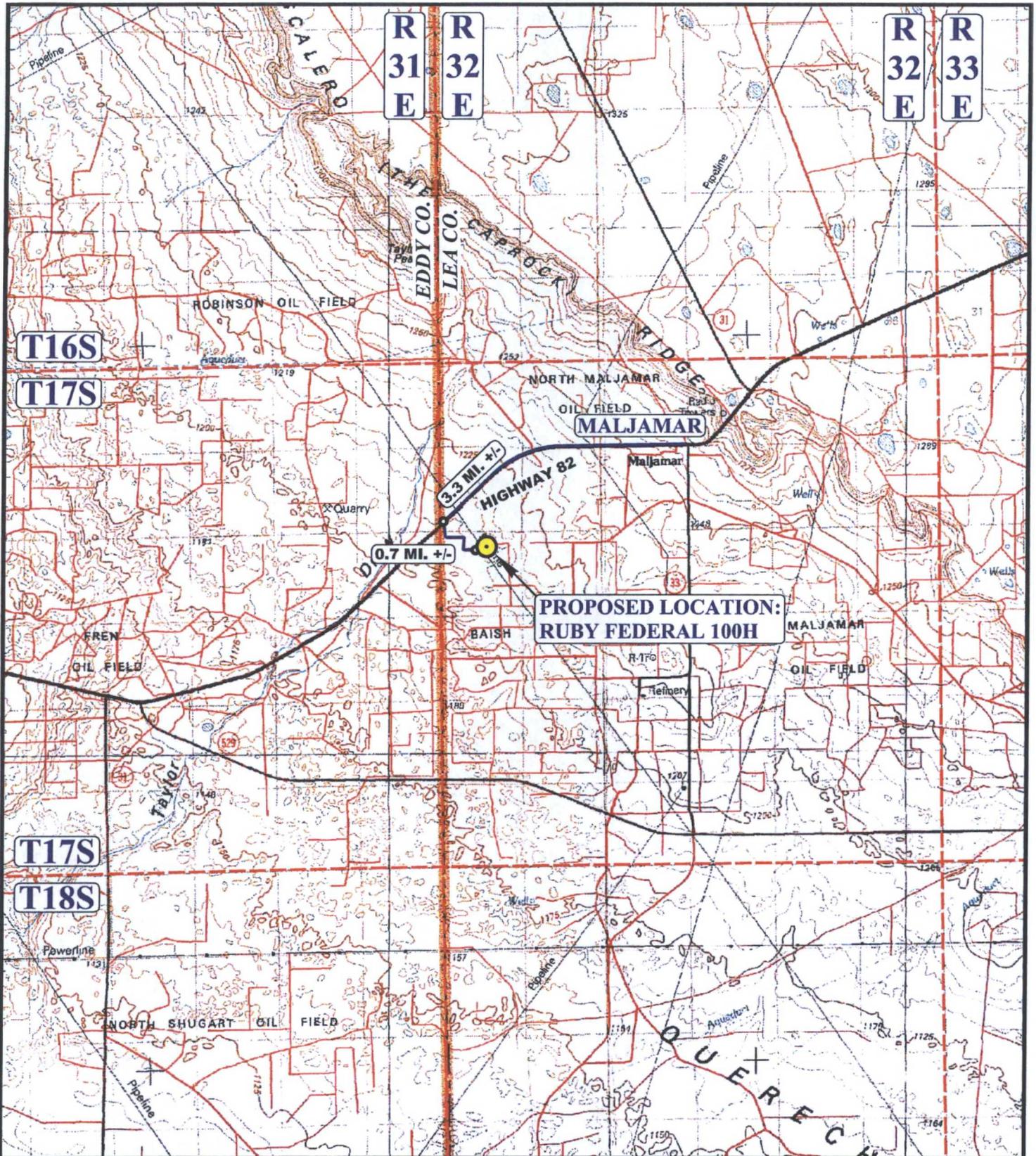
DATE DRAWN: 04-15-15

REVISED: 00-00-00



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

ROAD DESCRIPTION



LEGEND:

 PROPOSED LOCATION

ConocoPhillips Company

RUBY FEDERAL 100H
 SECTION 18, T17S, R32E, N.M.P.M.
 990' ENL 2600' FEL
 LEA COUNTY, NEW MEXICO

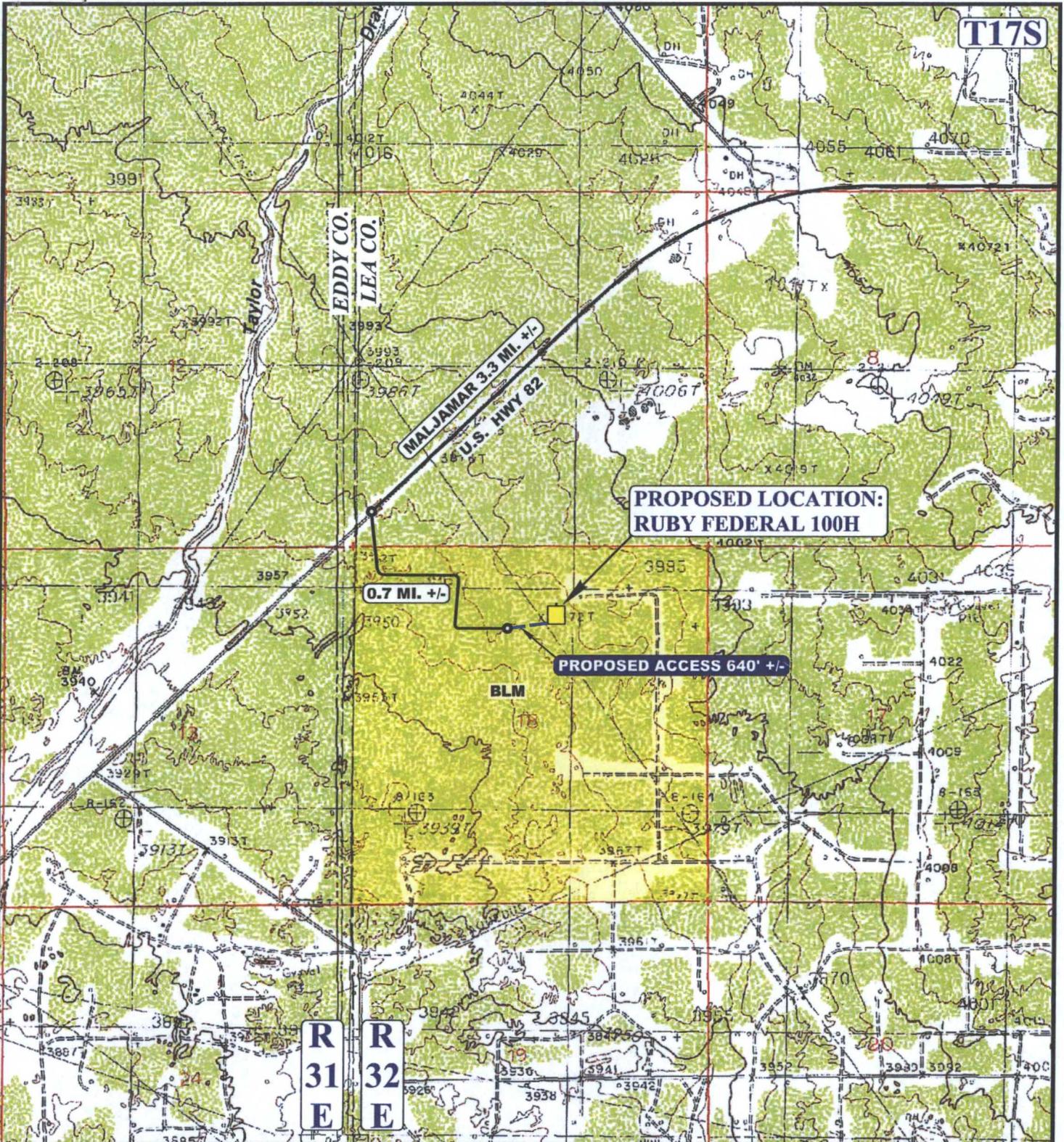


UELS, LLC
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DRAWN BY: B.D.	DATE DRAWN: 04-15-15
SCALE: 1:100,000	REVISED: 00-00-00

ACCESS ROAD MAP **TOPO A**

T17S



**PROPOSED LOCATION:
RUBY FEDERAL 100H**

0.7 MI. +/-

PROPOSED ACCESS 640' +/-

BLM

**R
31
E**

**R
32
E**

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 UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

LEGEND:

- EXISTING ROAD
- PROPOSED ROAD

ConocoPhillips Company

**RUBY FEDERAL 100H
SECTION 18, T17S, R32E, N.M.P.M.
990' ENL 2600' FEL
LEA COUNTY, NEW MEXICO**



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

DRAWN BY: B.D.	DATE DRAWN: 04-15-15
SCALE: 1" = 2000'	REVISED: 00-00-00

ACCESS ROAD MAP **TOPO B**

T17S

EDDY CO.
LEA CO.

PROPOSED LOCATION:
RUBY FEDERAL 100H

R
31
E

R
32
E

- LEGEND:**
- ∅ DISPOSAL WELLS
 - PRODUCING WELLS
 - SHUT IN WELLS
 - ABANDONED WELLS
 - TEMPORARILY ABANDONED

ConocoPhillips Company

RUBY FEDERAL 100H
SECTION 18, T17S, R32E, N.M.P.M.
990' FNL 2600' FEL
LEA COUNTY, NEW MEXICO



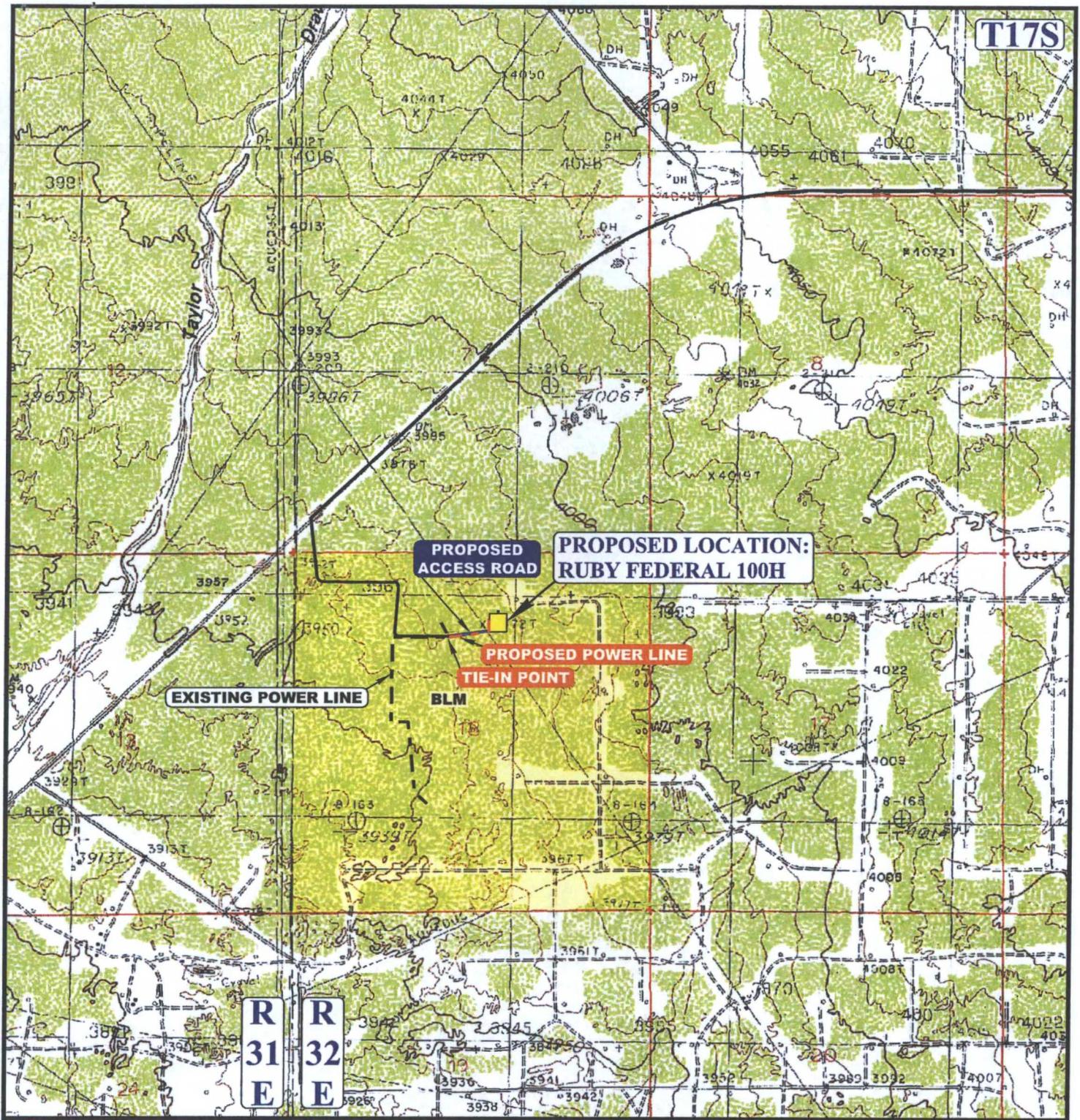
DRAWN BY: B.D.	DATE DRAWN: 04-15-15
SCALE: 1" = 2000'	REVISED: 00-00-00



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

WELL PROXIMITY MAP | **TOPO C**

T17S



APPROXIMATE TOTAL POWER LINE DISTANCE = 773' +/-

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 ROAD
- PROPOSED POWER LINE
- EXISTING POWER LINE

ConocoPhillips Company

RUBY FEDERAL 100H
 SECTION 18, T17S, R32E, N.M.P.M.
 990' FNL 2600' FEL
 LEA COUNTY, NEW MEXICO



DRAWN BY: B.D.	DATE DRAWN: 04-15-15
SCALE: 1" = 2000'	REVISED: 00-00-00

POWER LINE MAP **TOPO E**



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

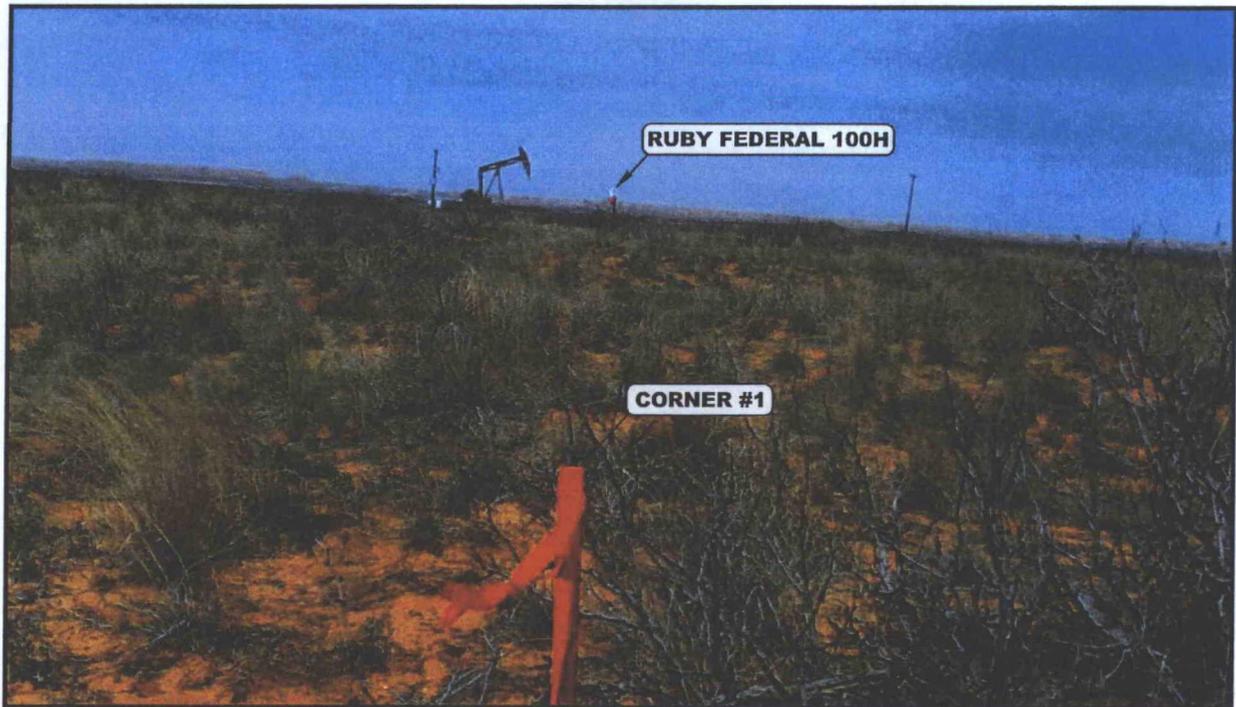


PHOTO: VIEW FROM CORNER #1 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY

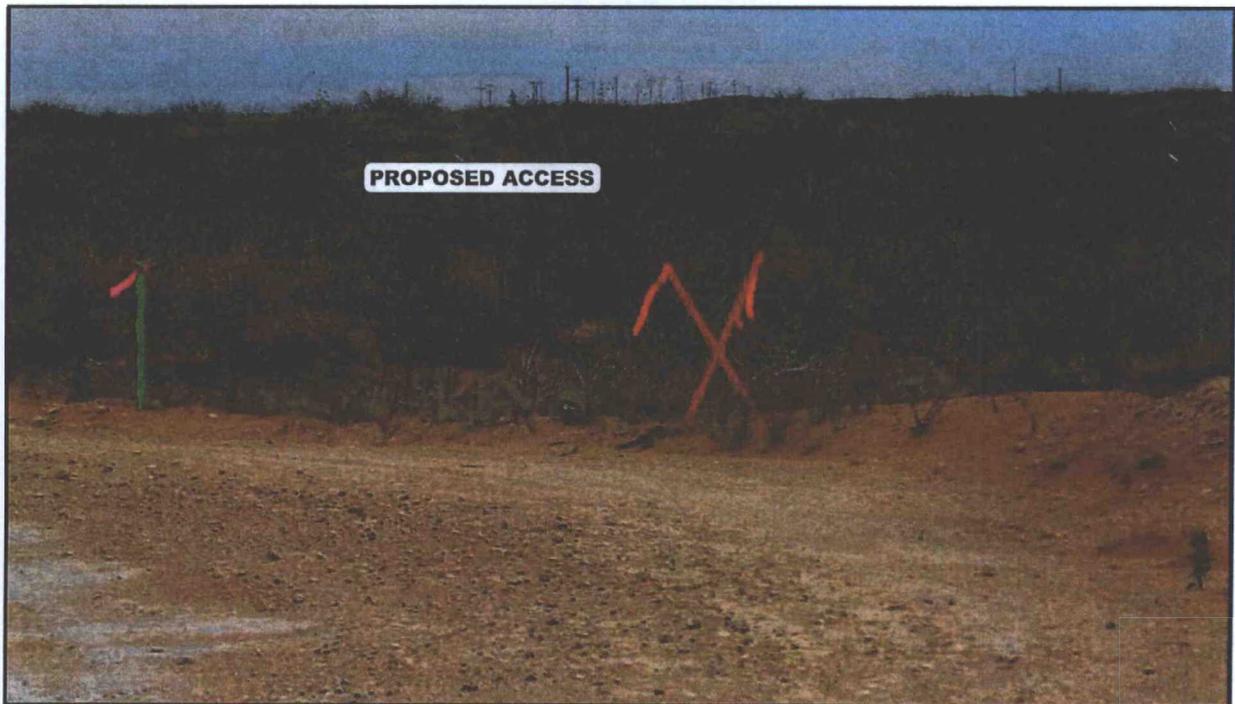


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY

ConocoPhillips Company

RUBY FEDERAL 100H
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 990' FNL 2600' FEL
 LEA COUNTY, NEW MEXICO



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 Vernal, UT 84078 * (435) 789-1017

DRAWN BY: B.D.	DATE DRAWN: 04-15-15
TAKEN BY: J.V.	REVISED: 00-00-00

LOCATION PHOTOS

PHOTO