

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>		<b>1. WELL NAME and NUMBER</b> Horrocks 2-35A1E
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		<b>3. FIELD OR WILDCAT</b> ALTAMONT
<b>4. TYPE OF WELL</b> Oil Well Coalbed Methane Well: NO		<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>
<b>6. NAME OF OPERATOR</b> EP ENERGY E&P COMPANY, L.P.		<b>7. OPERATOR PHONE</b> 713 997-5038
<b>8. ADDRESS OF OPERATOR</b> 1001 Louisiana, Houston, TX, 77002		<b>9. OPERATOR E-MAIL</b> maria.gomez@epenergy.com
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> Fee	<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b> Ronald Glen Horrocks Trust		<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b> 4358285316
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b> P.O. Box 34, Lapoint, UT 84039		<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b> cory.mathews@epenergy.com
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>	<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>	<b>19. SLANT</b> VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1041 FNL 1024 FEL	NENE	35	1.0 S	1.0 E	U
Top of Uppermost Producing Zone	1041 FNL 1024 FEL	NENE	35	1.0 S	1.0 E	U
At Total Depth	1041 FNL 1024 FEL	NENE	35	1.0 S	1.0 E	U

<b>21. COUNTY</b> DUCHESNE	<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 1041	<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 640
<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completion)</b> 2000	<b>26. PROPOSED DEPTH</b> MD: 13300 TVD: 13300	<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> East Duchesne City Water
<b>27. ELEVATION - GROUND LEVEL</b> 5271	<b>28. BOND NUMBER</b> 400JU0708	

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	17.5	13.375	0 - 600	54.5	J-55 ST&C	0.0	Class G	758	1.15	15.8
SURF	12.25	9.625	0 - 4000	40.0	N-80 LT&C	10.5	Type V	550	2.79	12.0
							Class G	376	1.3	14.3
I1	8.75	7	0 - 9420	29.0	HCP-110 LT&C	10.1	Varocem	435	1.81	12.5
							Varocem	223	1.62	13.0
PROD	6.125	5	0 - 13300	18.0	HCP-110 LT&C	13.7	Class G	250	1.42	14.2

**ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

<b>NAME</b> Linda Renken	<b>TITLE</b> Sr. Regulatory Analyst	<b>PHONE</b> 713 997-5138
<b>SIGNATURE</b>	<b>DATE</b> 04/15/2016	<b>EMAIL</b> linda.renken@epenergy.com
<b>API NUMBER ASSIGNED</b> 43013533360000		<b>APPROVAL</b>

**Received: April 15, 2016**

**Horrocks 2-35A1E  
Sec. 35, T1S, R1E  
UINTAH COUNTY, UT**

**EP ENERGY E&P COMPANY, L.P.**

**DRILLING PROGRAM**

**1. Estimated Tops of Important Geologic Markers**

<u>Formation</u>	<u>Depth</u>
Green River (GRRV)	5,044' MD/TVD
Green River (GRTN1)	6277' MD/TVD
Mahogany Bench	7,120' MD/TVD
L. Green River	8,341' MD/TVD
Wasatch	9,316' MD/TVD
T.D. (Permit)	13,300' MD/TVD

**2. Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River (GRRV)	5,044' MD/TVD
	Green River (GRTN1)	6277' MD/TVD
	Mahogany Bench	7,120' MD/TVD
Oil	L. Green River	8,341' MD/TVD
Oil	Wasatch	9,316' MD/TVD

**3. Pressure Control Equipment: (Schematic Attached)**

A 5.0" by 20.0" rotating head on structural pipe from surface to 600' MD/TVD. A 13-5/8" 10M BOP w/ rotating head from 600' MD/TVD to 4,000' MD/TVD on Conductor. A 13-5/8" 10M BOP stack (top to bottom) w/ rotating head, 10M annular, 5" pipe rams, blind rams, mud cross, single w/ 3.5" X 5" flex rams and B section used from 4,000' MD/TVD to 9,420' MD/TVD. A 13-5/8" 10M BOP stack (top to bottom) w/ rotating head, 10M annular, 4" pipe rams, blind rams, mud cross, 3.5" X 5" flex rams and B section used from 9,420' MD/TVD to TD (13,300' MD/TVD).

The BOPE and related equipment will meet the requirements of the 5M and 10M system.

**OPERATORS MINIMUM SPECIFICATIONS FOR BOPE:**

The conductor casing will be equipped with a flanged casing head of 5M psi working pressure. A 13-5/8" x 10M psi BOP and 10M psi annular will be nipped up on the conductor casing and tested to 250 psi low test / 3,000 psi high test for 10 minutes each prior to drilling out. The conductor casing will be tested to 1,000

psi. for 30 mins. Surface casing will be tested to 1000 psi. Intermediate casing will be tested to the greater of 1,500 psi or 0.22 psi/ft. The choke manifold equipment, upper Kelly cock and floor safety valves will be tested to 5M psi. The annular preventer will be tested to 250 psi low test / 4,000 psi high test. The 10M BOP will be installed with a rotating head, 5" pipe rams, blind rams, mud cross, 4" pipe rams from conductor shoe to TD. The BOPE will be hydraulically operated.

In addition, the BOP equipment will be tested after running both the surface casing, intermediate casing, or after any repairs to the equipment and at least once every 30 days. Pipe and blind rams will be activated on each trip, annular preventer will be activated weekly and weekly BOP drills will be held with each crew.

**Statement on Accumulator System and Location of Hydraulic Controls:**

Nabors X21 will be used to drill the proposed well. Operations will commence after approval of this application. Manual and/or hydraulic controls will be in compliance with 5M and 10M psi systems.

**Auxiliary Equipment:**

- A) Pason Gas Monitoring 600' - TD
- B) Mud logger with gas monitor - 1000' to TD
- C) Choke manifold with one manual and one hydraulic operated choke
- D) Full opening floor valve with drill pipe thread
- E) Upper and lower Kelly cock
- F) Shaker, de-sander and centrifuge

**4. Proposed Casing & Cementing Program:**

Please refer to the attached Wellbore Diagram.

All casing will meet or exceed the following design safety factors:

- Burst = 1.00
- Collapse = 1.125
- Tension = 1.2 (including 100k# overpull)

Cement design calculations for intermediate and production hole will be based on minimum 10% excess over gauge hole volumes. Actual volumes pumped will be a minimum of 10% excess over caliper volume to designed tops of cement for any section logged. A minimum of 50% excess over gauge volume will be pumped on surface casing.

**5. Drilling Fluids Program:**

Proposed Mud Program:

Interval	Type	Mud Weight
Surface	WBM	10.5
Intermediate	WBM	9.5 – 10.1
Production	WBM	11.0 – 13.7

Anticipated mud weights are based on actual offset well bottom-hole pressure data. Mud weights utilized may be somewhat higher to allow for trip margin and to provide hole stability for running logs and casing.

Visual mud monitoring equipment will be utilized.

6. **Evaluation Program:**

Logs:

Mud Log: 4,000' MD/TVD – TD

Open Hole Logs: Gamma Ray, Neutron-Density, Resistivity, Sonic, from surface casing shoe to TD.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 13,300' TVD equals approximately 9,475 psi. This is calculated based on a 0.7124 psi/ft gradient (13.7 ppg mud density at TD).

Maximum anticipated surface pressure equals approximately 6,549 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

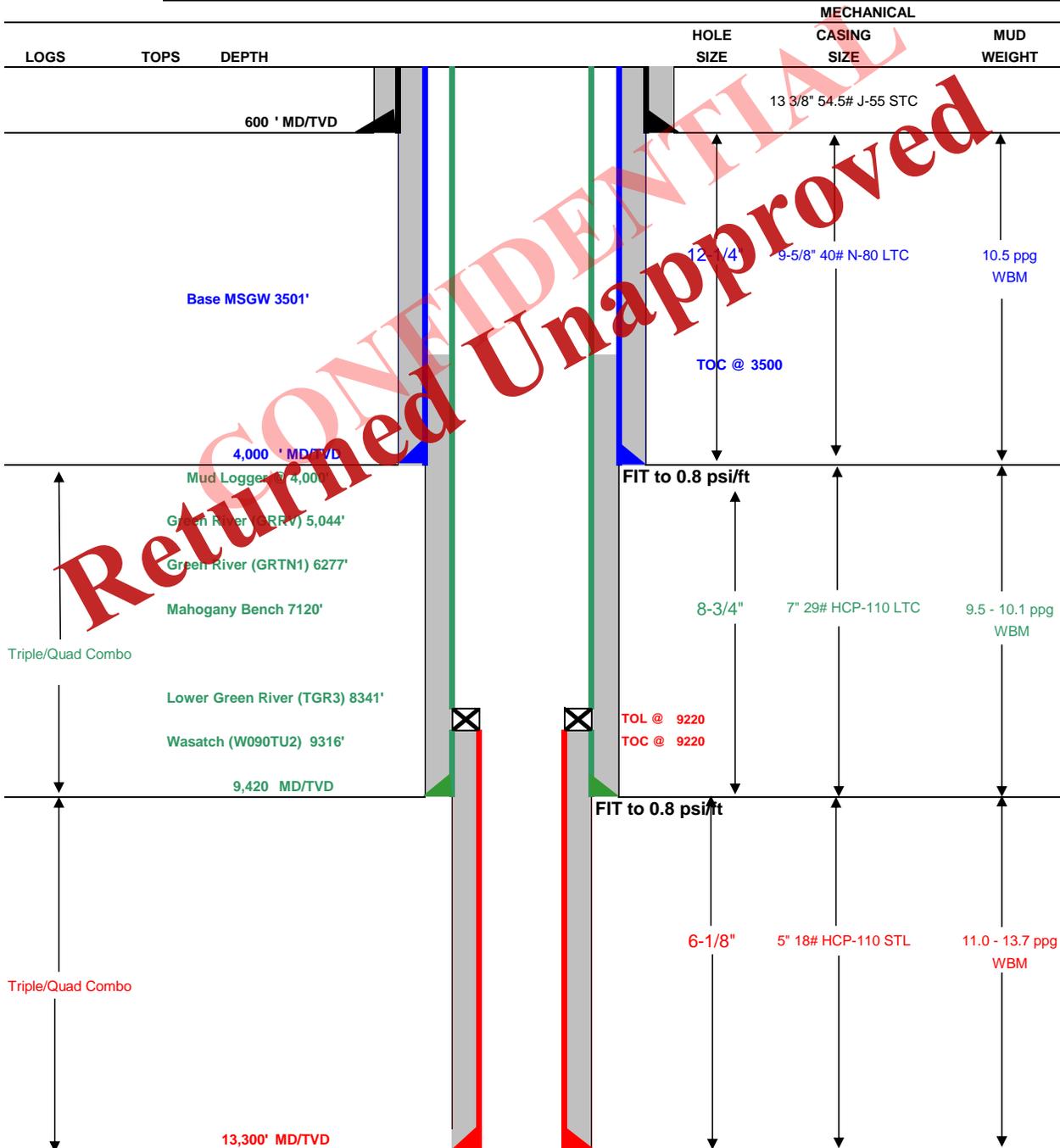
Maximum anticipated surface pressure based on frac gradient at 7" casing shoe is 0.8 psi/ft at 9,420' TVD = 7,536 psi

BOPE and casing design will be based on the lesser of the two MASPs which is 6,549 psi.

8. **OPERATOR REQUESTS THAT THE PROPOSED WELL BE PLACED ON CONFIDENTIAL STATUS.**

## Drilling Schematic

<b>Company Name:</b> EP ENERGY	<b>Date:</b> April 15, 2016
<b>Well Name:</b> Horrocks 2-35A1E	<b>TD:</b> 13,300' MD/TVD
<b>Field, County, State:</b> Altamont, Uintah, Utah	<b>AFE #:</b> TBD
<b>Surface Location:</b> Sec 35 T1S R1E 1,041' FNL 1024' FEL	<b>BHL:</b> Straight Hole
<b>Objective Zone(s):</b> Green River, Wasatch	<b>Elevation:</b> 5,268'
<b>Rig:</b> Nabors X21	<b>Spud (est.):</b> TBD
<b>BOPE Info:</b> 13-5/8" 10M w/ rotating head from 600' to 4,000'. 13-5/8" 10M BOPE w/ rotating head & 10M annular from 4,000' to 9,420'. 13-5/8" 10M BOPE w/ rotating head, 10M annular, 5" pipe rams, blind rams, single w/ 3.5"x" Flex rams from 9,420' to TD.	



**DRILLING PROGRAM**

CASING PROGRAM	SIZE	INTERVAL	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	13 3/8"	0 600	54.5	J-55	STC	2,740	1,130	514
SURFACE	9-5/8"	0 4000	40.00	N-80	LTC	5,750	3,090	737
INTERMEDIATE	7"	0 9420	29.00	HCP-110	LTC	11,220	9,750	797
PRODUCTION LINER	5"	9220 13300	18.00	HCP-110	STL	13,940	15,450	495

CEMENT PROGRAM	FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR	600	Class G + 3% CACL2	758	100%	15.8 ppg	1.15
SURFACE	Lead 3,000	Premium Type V Cement + 16% Gel + 5 lb/sk Gilsonite+ 0.3% Salt + 0.25 lb/sk Flocele	550	30%	12.0 ppg	2.79
	Tail 1,000	Premium Class G Cement (50/50) + 2% Gel + 3% Salt + 0.25 lb/sk Flocele	376	50%	14.3 ppg	1.30
INTERMEDIATE	Lead 4,120	VariCem SYSTEM: Holcim II/V 60%, Boral Craig Pozmix 30%, Silicalite 10% + 0.2% Halad-344 + 2% Bentonite + 0.25 lb/sk Pol-E-Flake + 0.1% HR-5 + 0.05% SA-1015 + 2 lb/sk WellLife 708	435	30%	12.5 ppg	1.81
	Tail 1,800	VariCem SYSTEM: Holcim II/V 60%, Boral Craig Pozmix 30%, Silicalite 10% + 0.2% Halad-344 + 2% Bentonite + 0.25 lb/sk Pol-E-Flake + 0.1% HR-5 + 0.05% SA-1015 + 2 lb/sk WellLife 708	223	30%	13.0 ppg	1.62
PRODUCTION LINER	4,080	Expandacem SYSTEM: 50/50 Class G Cement + 0.2% Super CBL +0.3% Halad 344 + 0.3% Halad 413 + 5 lb/sk Silicalite + 20% SSA-1 + 2% Bentonite + 0.75% HR-5	250	25%	14.20	1.42

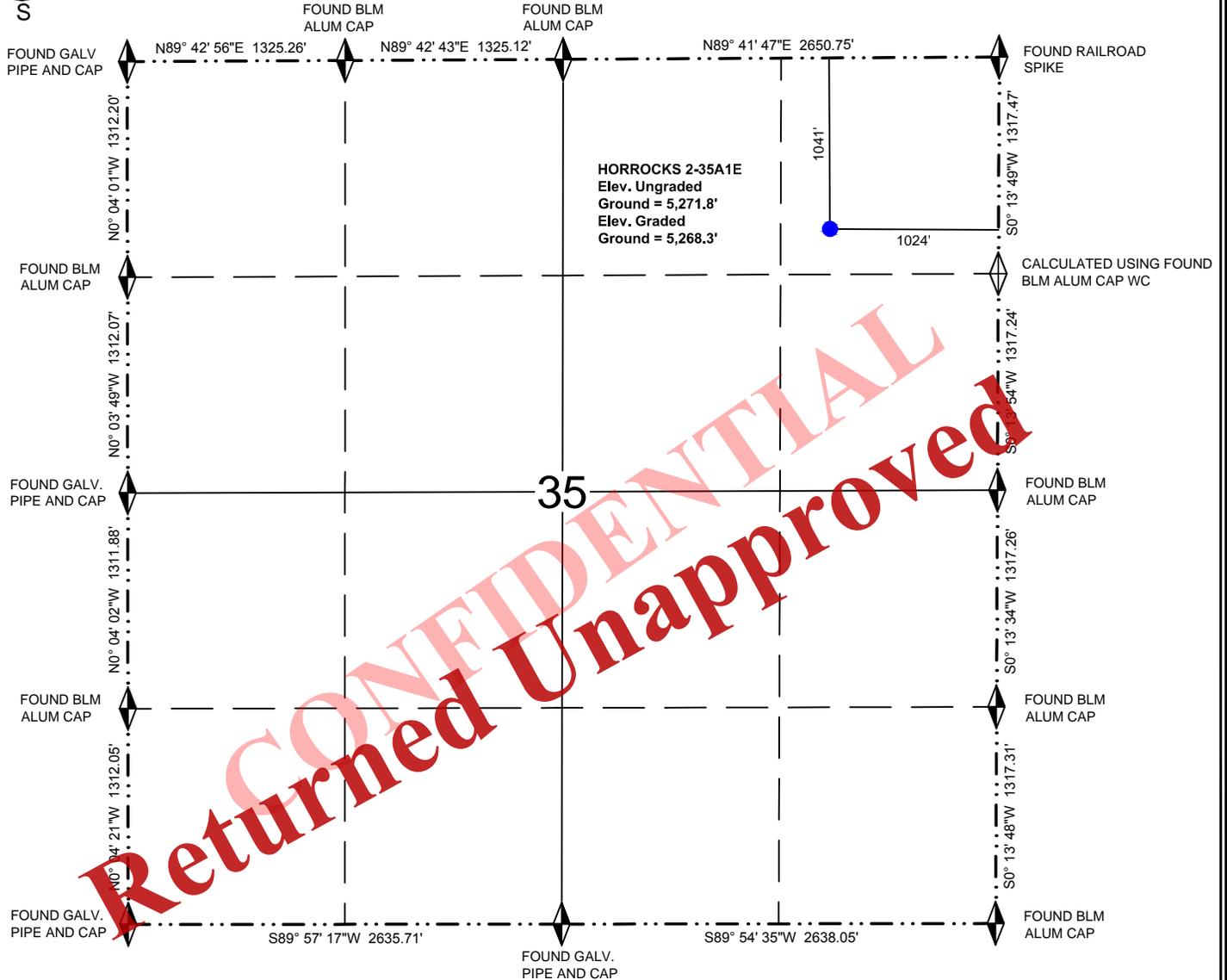
FLOAT EQUIPMENT & CENTRALIZERS	
CONDUCTOR	PDC drillable guide shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing.
SURFACE	PDC drillable guide shoe, 1 joint casing, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing & every 3rd joint thereafter.
INTERMEDIATE	PDC drillable 10M, P-110 float shoe, 1 joint, PDC drillable 10M, P-110 float collar. Thread lock all float equipment. Marker joint at +/-8,341'.
LINER	Float shoe, 1 joint, float collar, 1 joint, landing collar. Thread lock all FE. Marker joints every 1000'.

PROJECT ENGINEER(S): Brent Baker 713-997-3323

MANAGER: Sergio Mares



**EP ENERGY**  
**WELL LOCATION PLAT**  
**WELL: HORROCKS 2-35A1E**



Returned Unapproved

**LEGEND**

- = FOUND SECTION CORNER
- = CALCULATED POINT
- = PROPOSED WELL HEAD
- = SECTION LINE
- = QUARTER SECTION LINE
- = SIXTEENTH SECTION LINE

**NOTES:**

1. WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINE.
2. ALL BEARINGS AND DISTANCES ARE MEASURED UNLESS OTHERWISE NOTED.
3. BEARINGS ARE DERIVED FROM G.P.S. OBSERVATIONS AND EQUIPMENT.
4. THE GENERAL LAND OFFICE G.L.O. PLAT WAS USED FOR REFERENCE

**BASIS OF ELEVATION**

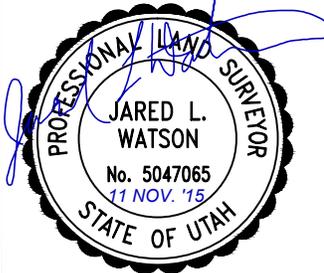
SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 35, T1S, R1E, U.S.B.&M. NAVD 88 DATUM USING THE UTAH REFERENCE NETWORK SYSTEM. SAID ELEVATION IS 5270.35 FEET.

**NAD 83 (SURFACE LOCATION)**

LATITUDE = 40°21'26.53025"N (40.357370°)  
 LONGITUDE = 109°50'39.23601"W (-109.844232°)

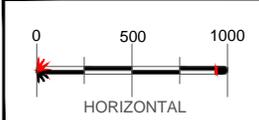
**NAD 27 (SURFACE LOCATION)**

LATITUDE = 40°21'26.67861"N (40.357411°)  
 LONGITUDE = 109°50'36.70932"W (-109.843530°)



**WELL LOCATION PLAT**  
**WELL: HORROCKS 2-35A1E**  
 PAD LOCATION: NE 1/4 OF THE NE 1/4 OF SECTION 35,  
 T. 1 S., R. 1 E., U.S.B.&M.  
 UINTAH COUNTY, UTAH

**CERTIFICATE**  
 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, UTAH PLS #5047065



DATE SURVEYED: OCTOBER 8, 2015  
 SURVEYED BY: SY  
 DRAWN: NOVEMBER 11, 2015  
 DRAWN: JLW  
 SCALE: 1" = 1000'

SHEET NO.  
**1**



**HORROCKS 2-35A1E**

**WELL LOCATION: NE ¼ OF THE NE ¼ SECTION 35, T.1S, R.1E. U.S.B.&M.  
UINTAH COUNTY, UTAH**

PROCEED IN AN EASTERLY DIRECTION FROM ROOSEVELT, UTAH ALONG MAIN STREET APPROXIMATELY 7.8 MILES TO THE JUNCTION OF THIS ROAD AND 8500 EAST; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION 4.3 MILES TO THE JUNCTION OF THIS ROAD AND 4000 NORTH; TURN LEFT AND PROCEED IN A WESTERLY DIRECTION 0.6 MILES TO THE JUNCTION OF THIS ROAD AND THE PROPOSED ACCESS ROAD; TURN LEFT AND FOLLOW ROAD FLAGS IN A SOUTHERLY THEN WESTERLY DIRECTION APPROXIMATELY 3,019 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM ROOSEVELT, UTAH TO THE PROPOSED LOCATION IS APPROXIMATELY 13.2 MILES.

**CONFIDENTIAL**  
**Returned Unapproved**



**OUTLAW  
ENGINEERING INC.**

P.O. BOX 1800  
ROOSEVELT, UTAH 84066  
(435) 232-4321

**Received: April 15, 2016**

# Horrocks 2-35A1E

WELL LOCATION: NE 1/4 OF THE NE 1/4 SECTION 35, T.1S, R.1E, U.S.B.&M.  
UINTAH COUNTY, UTAH



Photo: View of location stake

Camera Angle: Northerly



Photo: View from beginning of proposed access

Camera Angle: Southeasterly



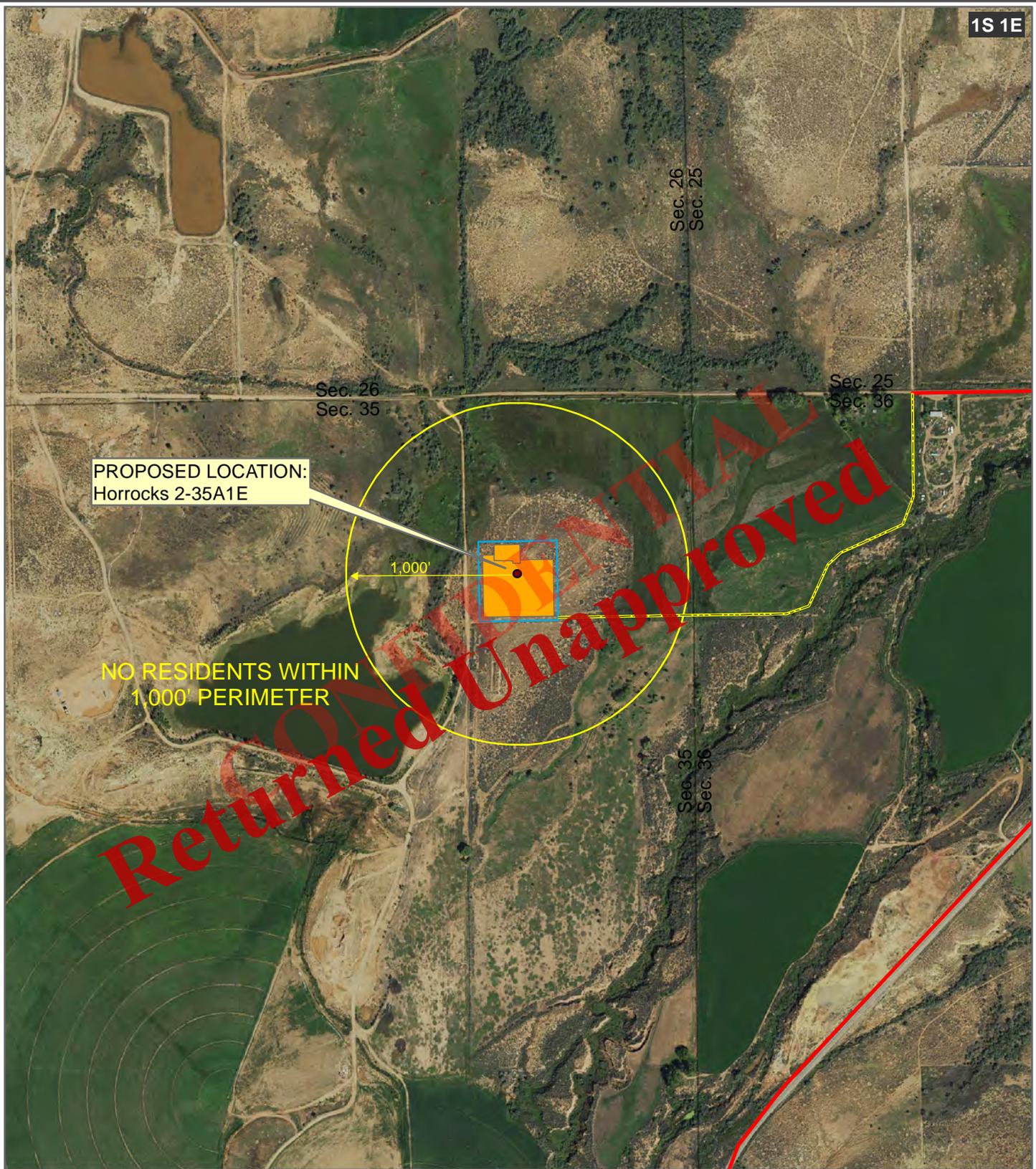
**OUTLAW  
ENGINEERING INC.**

P.O. BOX 1800  
ROOSEVELT, UTAH 84066  
(435) 232-4321

PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY OUTLAW ENGINEERING, INC. AND MAY NOT REFLECT ACTUAL LOCATION OF PROPERTY LINES

## Location Photos

VERSION:	V3
SURVEYED:	3-28-16



PROPOSED LOCATION:  
Horrocks 2-35A1E

1,000'

NO RESIDENTS WITHIN  
1,000' PERIMETER

Returned Unapproved



**OUTLAW  
ENGINEERING INC.**

P.O. BOX 1800  
ROOSEVELT, UTAH 84066  
(435) 232-4321



PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY OUTLAW ENGINEERING, INC. AND MAY NOT REFLECT ACTUAL LOCATION OF PROPERTY LINES

**LEGEND**

- Proposed Well Head
- Proposed Access Road
- Existing Access Road
- Residential Housing Buffer
- Proposed Pad
- LOD

- Federal
- Private
- State
- Tribal

**Horrocks 2-35A1E**

WELL LOCATION: NE 1/4 of the NE 1/4 SECTION 35,  
T.1S, R.1E, U.S.B.&M.  
UINTAH COUNTY, UTAH



**Residential  
Map**

0 200 400 600 800 Feet

VERSION: **V3**  
SURVEYED: **3-28-16**

USGS 7.5'  
Fort Duchesne  
Quadrangle  
2014 NAIP Imagery

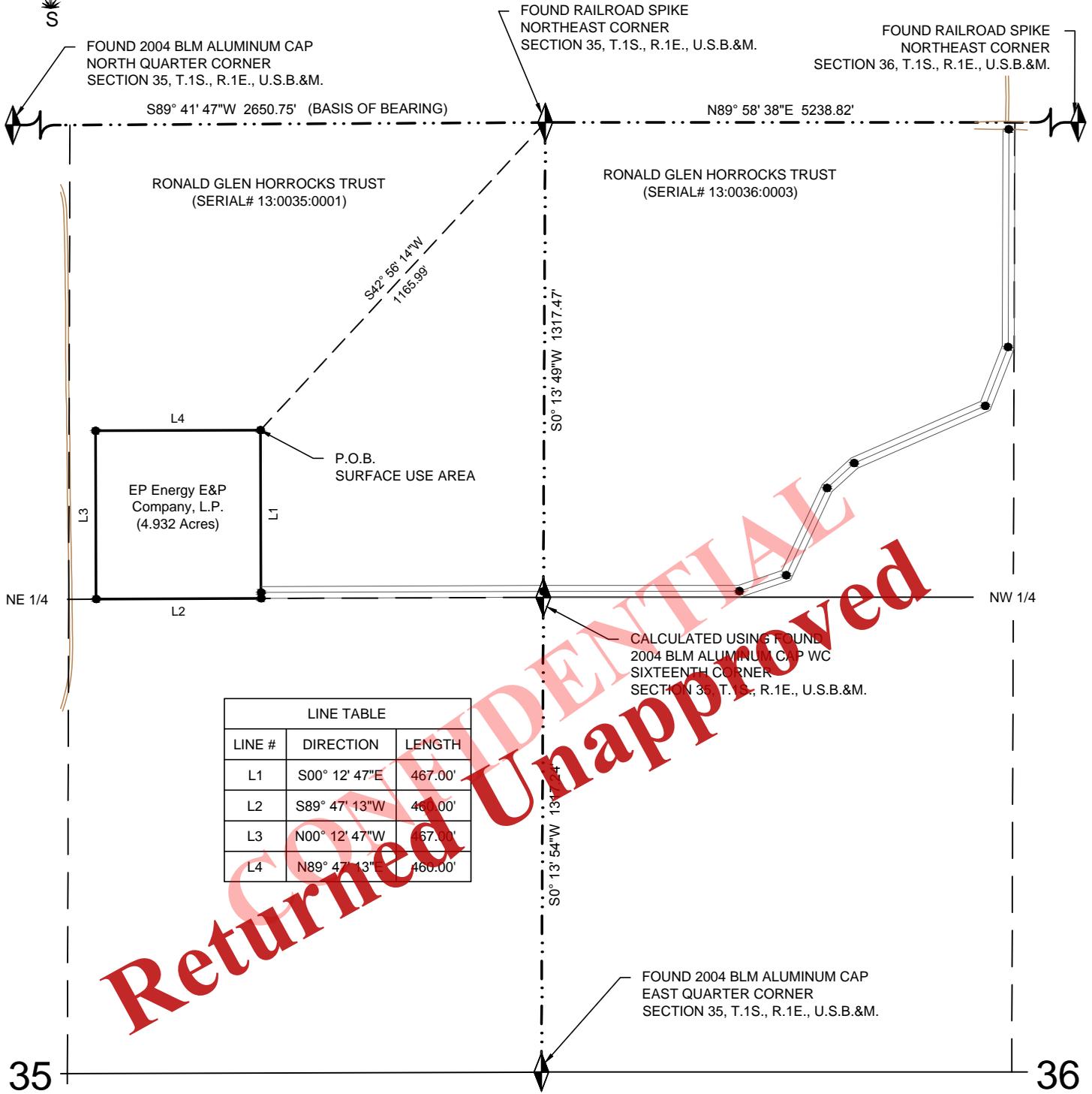
MARCH 28, 2016  
SCALE: 1" = 800'  
AUTHOR: CMM

SHEET  
**E**



# SURFACE USE AGREEMENT PLAT

## RONALD GLEN HORROCKS TRUST



LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	S00° 12' 47"E	467.00'
L2	S89° 47' 13"W	460.00'
L3	N00° 12' 47"W	467.00'
L4	N89° 47' 13"E	460.00'

Returned Unapproved

### LEGEND

- = FOUND SECTION CORNER
- = SECTION LINE
- = QUARTER SECTION LINE
- = SIXTEENTH SECTION LINE
- = PROPOSED SURFACE USE AREA
- = PROPOSED CL RIGHT-OF-WAY
- = EXISTING GRAVEL ROAD

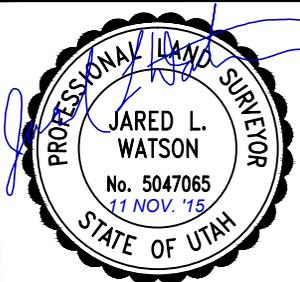
### SURFACE USE AREA DESCRIPTION

BEGINNING AT AT POINT LOCATED SOUTH 42°56'14" WEST A DISTANCE OF 1165.99 FEET FROM THE NORTHEAST CORNER OF SECTION 35, TOWNSHIP 1 SOUTH, RANGE 1 EAST, UINTAH SPECIAL BASE AND MERIDIAN; THENCE SOUTH 0°12'47" EAST 467.00 FEET; THENCE SOUTH 89°47'13"W WEST 460.00 FEET; THENCE NORTH 0°12'47" WEST 467.00 FEET; THENCE NORTH 89°47'13" EAST 460.00 FEET TO THE POINT OF BEGINNING.

THE BASIS OF BEARING USED FOR THIS SURVEY IS SOUTH 89°41'47" WEST BETWEEN THE NORTHEAST CORNER AND NORTH QUARTER CORNER OF SECTION 35, TOWNSHIP 1 SOUTH, RANGE 1 EAST, UINTAH SPECIAL BASE AND MERIDIAN.

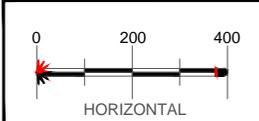
### SURFACE USE AREA

RONALD GLEN HORROCKS TRUST = 4.932 ACRES, MORE OR LESS



**EP ENERGY E&P COMPANY, L.P.**  
 LOCATION SURFACE USE SURVEY ON FEE LANDS FOR  
**RONALD GLEN HORROCKS TRUST**  
 NE 1/4 OF THE NE 1/4 SECTION 35, T. 1 S., R. 1 E., U.S.B.&M.  
 UINTAH COUNTY, UTAH

**CERTIFICATE**  
 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, UTAH PLS #5047065

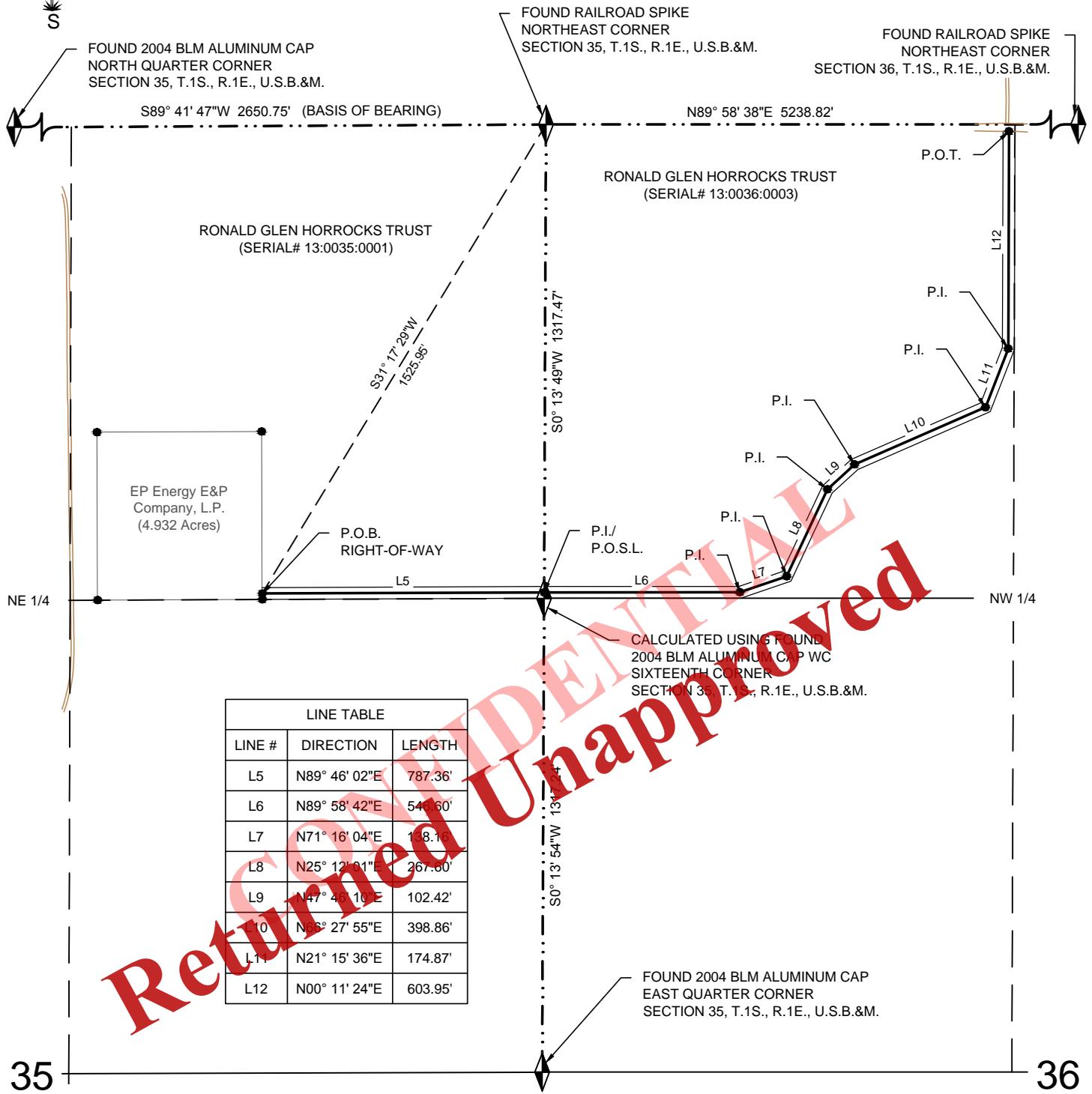


SURVEYED: OCTOBER 8, 2015  
 SURVEYED BY: SY  
 DRAWN: NOVEMBER 11, 2015  
 DRAWN: JLW  
 SCALE: 1" = 400'

SHEET NO.  
**1**



**RIGHT-OF-WAY AGREEMENT PLAT**  
**RONALD GLEN HORROCKS TRUST**



LINE TABLE		
LINE #	DIRECTION	LENGTH
L5	N89° 46' 02"E	787.36'
L6	N89° 58' 42"E	546.60'
L7	N71° 16' 04"E	138.16'
L8	N25° 12' 01"E	267.60'
L9	N47° 46' 10"E	102.42'
L10	N66° 27' 55"E	398.86'
L11	N21° 15' 36"E	174.87'
L12	N00° 11' 24"E	603.95'

Returned Unapproved

**CORRIDOR RIGHT-OF-WAY DESCRIPTION**

A 33.00 FOOT WIDE RIGHT-OF-WAY CORRIDOR LOCATED IN SECTIONS 35 & 36, TOWNSHIP 1 SOUTH, RANGE 1 EAST, UTAH SPECIAL BASE AND MERIDIAN. THE SIDE LINES ARE LOCATED 16.5 FEET ON EACH SIDE OF THE CENTERLINE, AND SHALL BE SHORTENED OR ELONGATED TO MEET THE SURFACE USE AREA AND AN EXISTING GRAVEL ROAD. SAID CENTERLINE IS MORE PARTICULARLY DESCRIBED AS:

BEGINNING AT A POINT LOCATED SOUTH 31°17'29" WEST A DISTANCE OF 1525.95 FEET FROM THE NORTHEAST CORNER OF SECTION 35, TOWNSHIP 1 SOUTH, RANGE 1 EAST, UTAH SPECIAL BASE AND MERIDIAN; THENCE NORTH 89°46'02" EAST 787.36 FEET, MORE OR LESS, TO A POINT ON THE EAST LINE OF SAID SECTION 35; THENCE NORTH 89°58'42" EAST 546.60 FEET; THENCE NORTH 71°16'04" EAST 138.16 FEET; THENCE NORTH 25°12'01" EAST 267.60 FEET; THENCE NORTH 47°46'10" EAST 102.42 FEET; THENCE NORTH 66°27'55" EAST 398.86 FEET; THENCE NORTH 21°15'36" EAST 174.87 FEET; THENCE NORTH 0°11'24" EAST 603.95 FEET TO THE POINT OF TERMINUS.

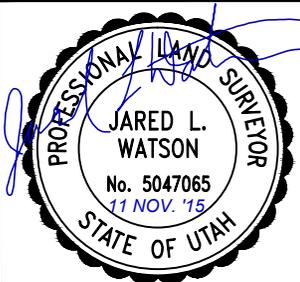
THE BASIS OF BEARING USED FOR THIS SURVEY IS SOUTH 89°41'47" WEST BETWEEN THE NORTHEAST CORNER AND NORTH QUARTER CORNER OF SECTION 35, TOWNSHIP 1 SOUTH, RANGE 1 EAST, UTAH SPECIAL BASE AND MERIDIAN.

**RIGHT-OF-WAY LENGTH**

RONALD GLEN HORROCKS TRUST = 3,019.82 FEET OR 183.02 RODS, MORE OR LESS

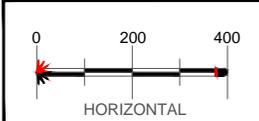
**LEGEND**

- = FOUND SECTION CORNER
- = SECTION LINE
- = QUARTER SECTION LINE
- = SIXTEENTH SECTION LINE
- = PROPOSED CL RIGHT-OF-WAY
- = SURFACE USE AREA
- = EXISTING GRAVEL ROAD



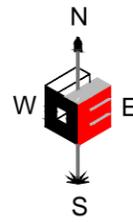
**EP ENERGY E&P COMPANY, L.P.**  
RIGHT-OF-WAY SURVEY ON FEE LANDS FOR  
**RONALD GLEN HORROCKS TRUST**  
NE 1/4 OF THE NE 1/4 SECTION 35, T. 1 S., R. 1 E., U.S.B.&M.  
NW 1/4 OF THE NW 1/4 SECTION 36, T. 1 S., R. 1 E., U.S.B.&M.  
UINTAH COUNTY, UTAH

**CERTIFICATE**  
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, UTAH PLS #5047065

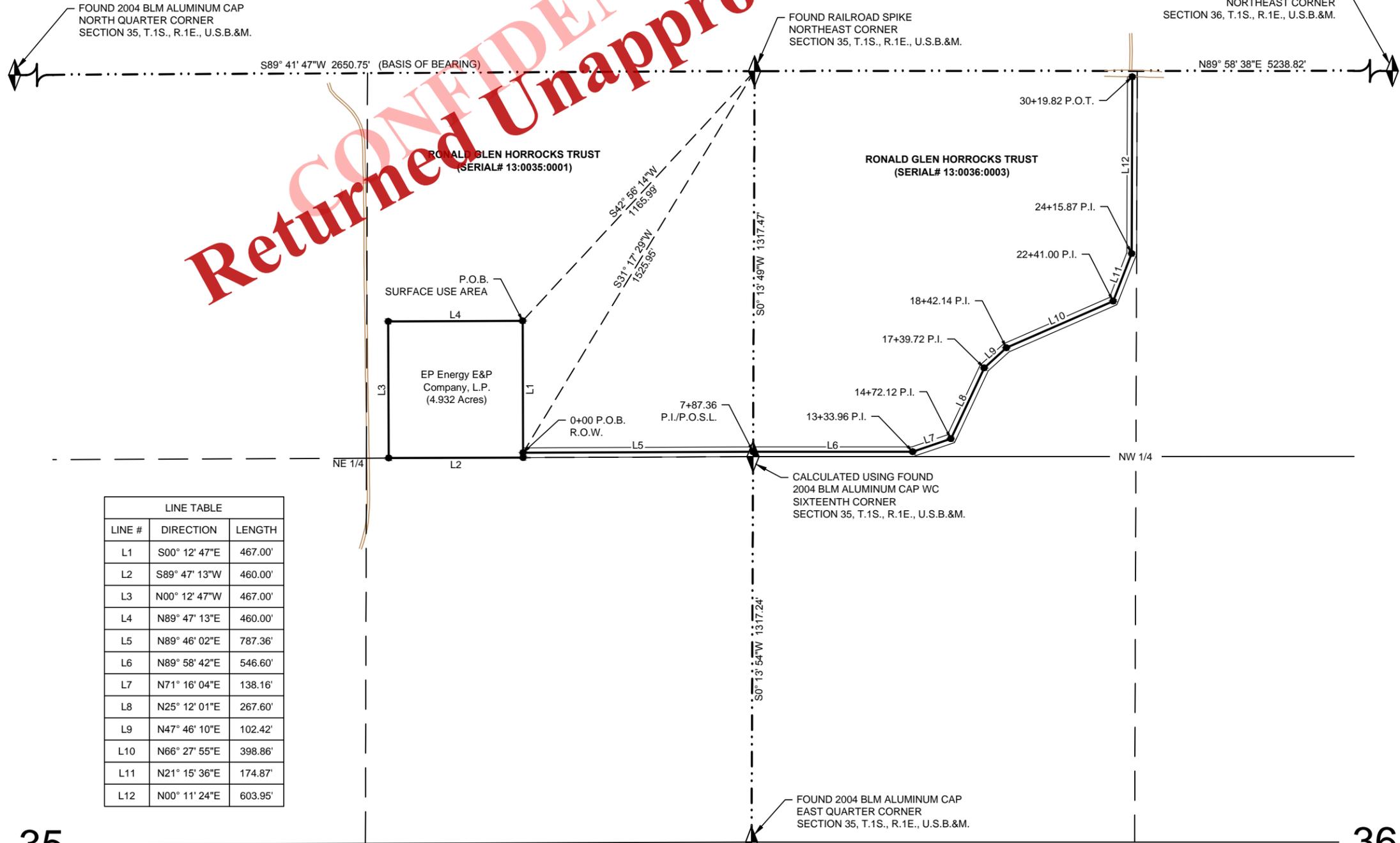


SURVEYED: OCTOBER 8, 2015  
SURVEYED BY: SY  
DRAWN: NOVEMBER 11, 2015  
DRAWN: JLW  
SCALE: 1" = 400'

SHEET NO.  
**1**



CONFIDENTIAL  
 Returned Unapproved



LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	S00° 12' 47"E	467.00'
L2	S89° 47' 13"W	460.00'
L3	N00° 12' 47"W	467.00'
L4	N89° 47' 13"E	460.00'
L5	N89° 46' 02"E	787.36'
L6	N89° 58' 42"E	546.60'
L7	N71° 16' 04"E	138.16'
L8	N25° 12' 01"E	267.60'
L9	N47° 46' 10"E	102.42'
L10	N66° 27' 55"E	398.86'
L11	N21° 15' 36"E	174.87'
L12	N00° 11' 24"E	603.95'

35

36

**CORRIDOR RIGHT-OF-WAY DESCRIPTION**  
 A 33.00 FOOT WIDE RIGHT-OF-WAY CORRIDOR LOCATED IN SECTIONS 35 & 36, TOWNSHIP 1 SOUTH, RANGE 1 EAST, UINTAH SPECIAL BASE AND MERIDIAN. THE SIDE LINES ARE LOCATED 16.5 FEET ON EACH SIDE OF THE CENTERLINE, AND SHALL BE SHORTENED OR ELONGATED TO MEET THE SURFACE USE AREA AND AN EXISTING GRAVEL ROAD. SAID CENTERLINE IS MORE PARTICULARLY DESCRIBED AS:

BEGINNING AT A POINT LOCATED SOUTH 31°17'29" WEST A DISTANCE OF 1525.95 FEET FROM THE NORTHEAST CORNER OF SECTION 35, TOWNSHIP 1 SOUTH, RANGE 1 EAST, UINTAH SPECIAL BASE AND MERIDIAN; THENCE NORTH 89°46'02" EAST 787.36 FEET, MORE OR LESS, TO A POINT ON THE EAST LINE OF SAID SECTION 35; THENCE NORTH 89°58'42" EAST 546.60 FEET; THENCE NORTH 71°16'04" EAST 138.16 FEET; THENCE NORTH 25°12'01" EAST 267.60 FEET; THENCE NORTH 47°46'10" EAST 102.42 FEET; THENCE NORTH 66°27'55" EAST 398.86 FEET; THENCE NORTH 21°15'36" EAST 174.87 FEET; THENCE NORTH 0°11'24" EAST 603.95 FEET TO THE POINT OF TERMINUS.

THE BASIS OF BEARING USED FOR THIS SURVEY IS SOUTH 89°41'47" WEST BETWEEN THE NORTHEAST CORNER AND NORTH QUARTER CORNER OF SECTION 35, TOWNSHIP 1 SOUTH, RANGE 1 EAST, UINTAH SPECIAL BASE AND MERIDIAN.

**RIGHT-OF-WAY LENGTH**  
 RONALD GLEN HORROCKS TRUST = 3,019.82 FEET OR 183.02 RODS, MORE OR LESS

**EP ENERGY E&P COMPANY, L.P.**  
 LOCATION SURFACE USE AREA AND RIGHT-OF-WAY SURVEY ON FEE LANDS FOR

**RONALD GLEN HORROCKS TRUST**

LOCATED IN SECTIONS 35 & 36,  
 TOWNSHIP 1S., RANGE 1E., U.S.B.&M.,  
 UINTAH COUNTY, UTAH

**SURVEYOR'S CERTIFICATE**

I, JARED L. WATSON DO HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR AND THAT I HOLD CERTIFICATE NO. 5047065 AS PRESCRIBED UNDER THE LAWS OF THE STATE OF UTAH AND THAT A SURVEY OF THE DESCRIBED PROPERTY HEREIN WAS PERFORMED UNDER MY DIRECTION.



**SURFACE USE AREA DESCRIPTION**  
 BEGINNING AT AT POINT LOCATED SOUTH 42°56'14" WEST A DISTANCE OF 1165.99 FEET FROM THE NORTHEAST CORNER OF SECTION 35, TOWNSHIP 1 SOUTH, RANGE 1 EAST, UINTAH SPECIAL BASE AND MERIDIAN; THENCE SOUTH 0°12'47" EAST 467.00 FEET; THENCE SOUTH 89°47'13" WEST 460.00 FEET; THENCE NORTH 0°12'47" WEST 467.00 FEET; THENCE NORTH 89°47'13" EAST 460.00 FEET TO THE POINT OF BEGINNING.

THE BASIS OF BEARING USED FOR THIS SURVEY IS SOUTH 89°41'47" WEST BETWEEN THE NORTHEAST CORNER AND NORTH QUARTER CORNER OF SECTION 35, TOWNSHIP 1 SOUTH, RANGE 1 EAST, UINTAH SPECIAL BASE AND MERIDIAN.

**SURFACE USE AREA**  
 RONALD GLEN HORROCKS TRUST = 4.932 ACRES, MORE OR LESS

**LEGEND**

- = FOUND SECTION CORNER
- = SECTION LINE
- = QUARTER SECTION LINE
- = SIXTEENTH SECTION LINE
- = EXISTING GRAVEL ROAD
- = PROPOSED CL RIGHT-OF-WAY
- = 4-19B2 RIGHT-OF-WAY

SCALE: 1" = 400'  
 11X17 SHEET | REVIEWED: JLW | DRAWN: JLW

SHEET  
 SURFACE USE AREA & RIGHT-OF-WAY PLAT

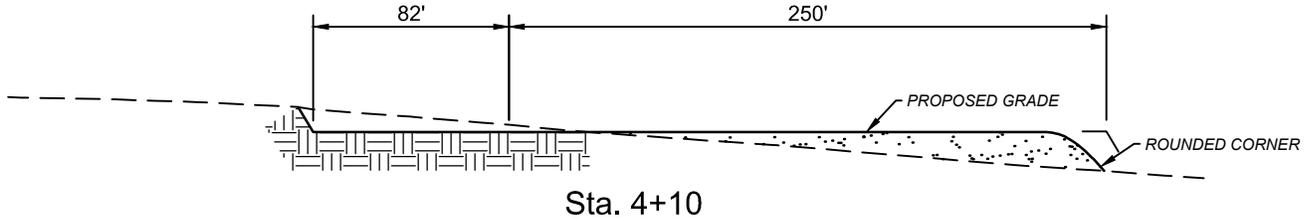


PLAT NO. 362	DATE NOVEMBER 11, 2015	SHEET NO. 1
-----------------	---------------------------	----------------

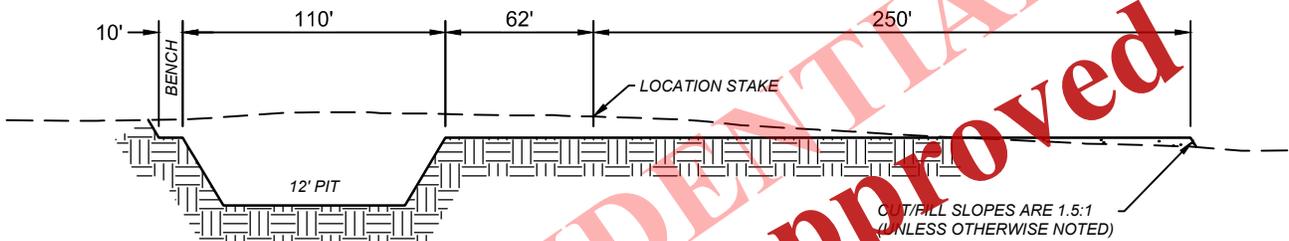
Received: April 15, 2016

**CROSS SECTIONS  
HORROCKS 2-35A1E**

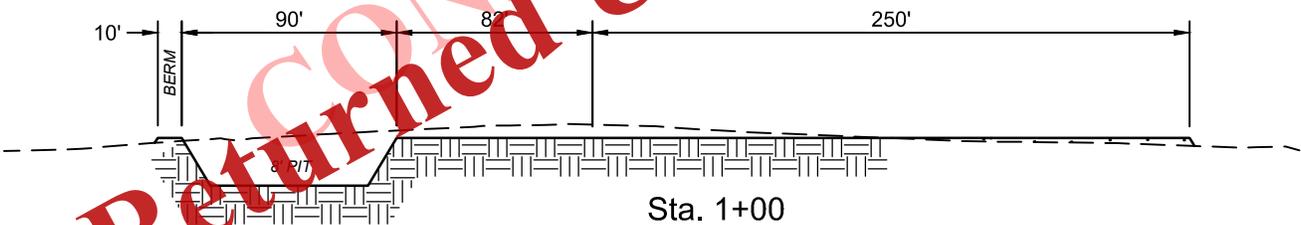
1" = 20'  
X-Section  
Scale  
1" = 80'



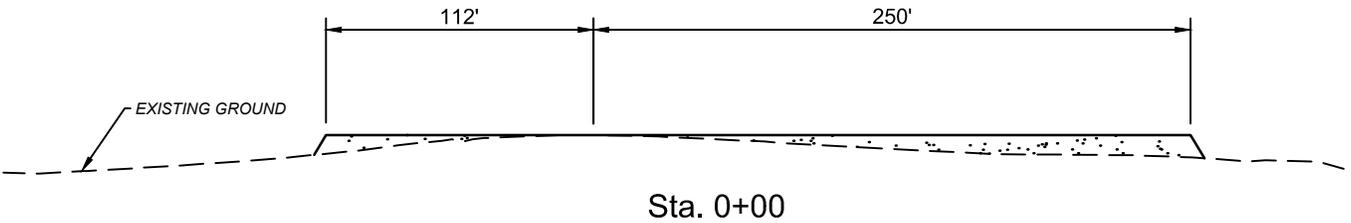
Sta. 4+10



Sta. 2+00



Sta. 1+00



Sta. 0+00

CONFIDENTIAL  
Returned Unapproved

**LEGEND**

- EXISTING CONTOURS
- PROPOSED CONTOURS
- CUT
- FILL

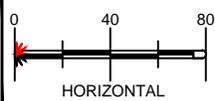
**ESTIMATED EARTHWORK QUANTITIES**  
\* NO SHRINK OR SWELL FACTORS HAVE BEEN USED  
(QUANTITIES EXPRESSED IN CUBIC YARDS)

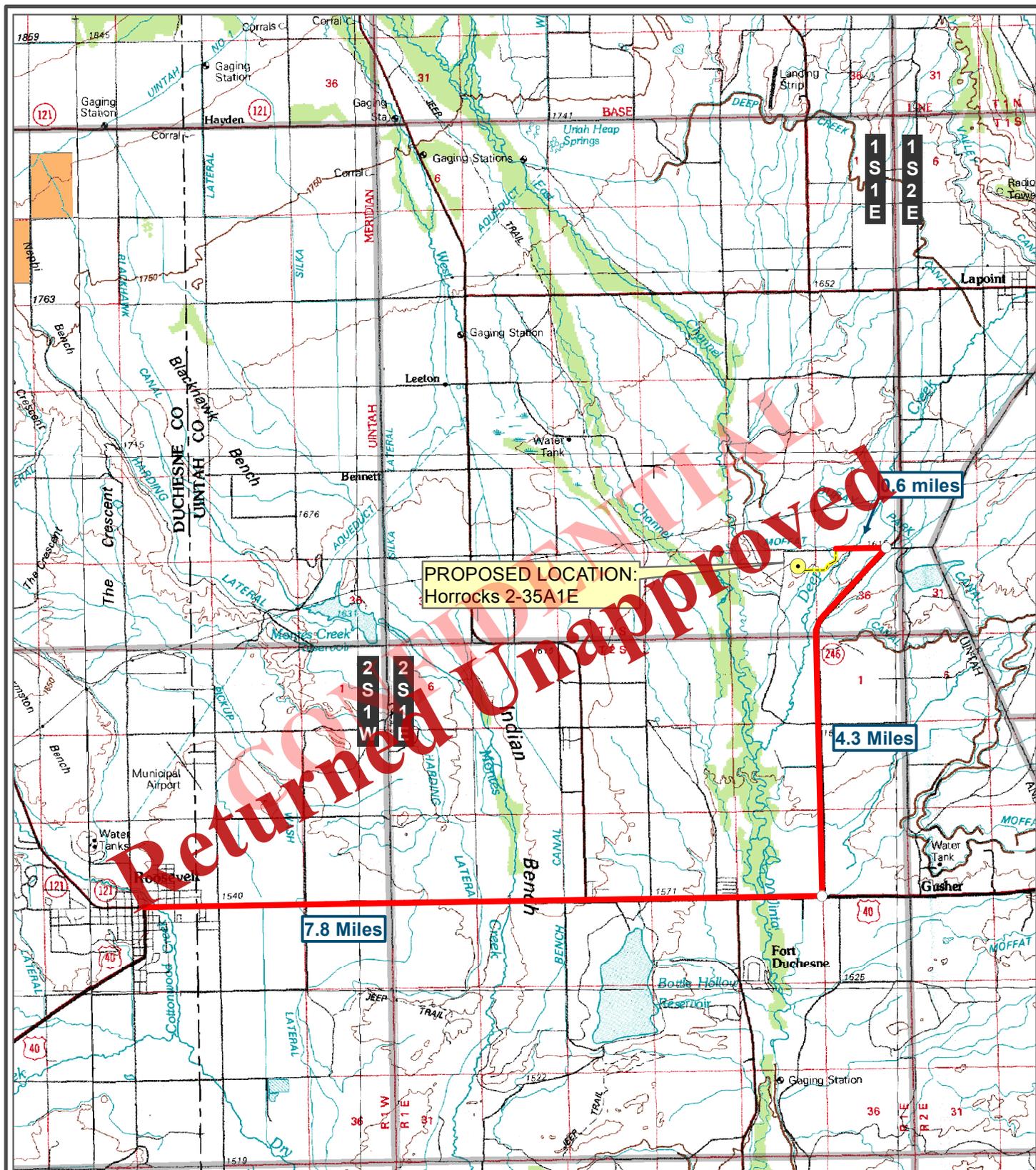
ITEM	CUT	FILL	EXCESS/ IMPORT	6" T.S.*
PAD	5,675	5,675	0	3,024
PIT	3,816	-	0	-

\*(T.S.) = TOPSOIL STRIPPING

**CROSS SECTIONS  
HORROCKS 2-35A1E**

WELL LOCATION: NE 1/4 OF THE NE 1/4 SECTION 35, T1S,  
R1E, U.S.B.&M., UTAH COUNTY, UTAH





PROPOSED LOCATION:  
Horrocks 2-35A1E

Returned Unapproved



**OUTLAW ENGINEERING INC.**  
P.O. BOX 1800  
ROOSEVELT, UTAH 84066  
(435) 232-4321



PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY OUTLAW ENGINEERING, INC. AND MAY NOT REFLECT ACTUAL LOCATION OF PROPERTY LINES

**LEGEND**

- 2-35A1E Site Location
- Existing Access Road
- Proposed Access Road

- Federal
- Private
- State
- Tribal

**Horrocks 2-35A1E**

WELL LOCATION: NE 1/4 of the NE 1/4 SECTION 35,  
T.1S, R.1E, U.S.B.&M.  
UINTAH COUNTY, UTAH



**Site Location**



VERSION: **V3**  
SURVEYED: **3-28-16**

USGS 7.5' Fort Duchesne Quadrangle

MARCH 28, 2016  
SCALE: 1" = 8,342'  
AUTHOR: CMM

SHEET  
**A**

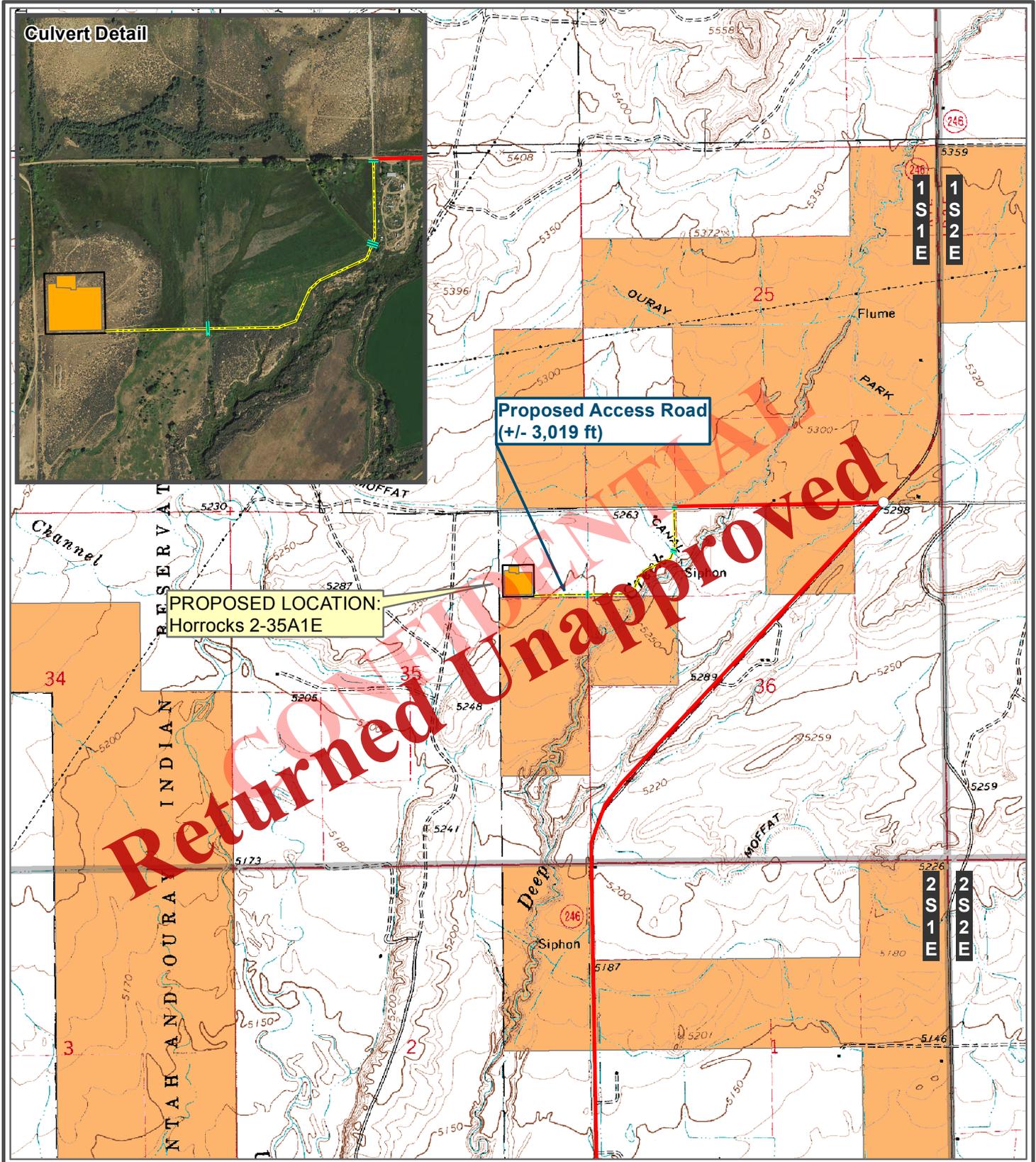
**Culvert Detail**



**Proposed Access Road  
(+/- 3,019 ft)**

**PROPOSED LOCATION:  
Horrocks 2-35A1E**

COPIED FROM ORIGINAL  
 Returned Unapproved



**OUTLAW  
ENGINEERING INC.**

P.O. BOX 1800  
ROOSEVELT, UTAH 84066  
(435) 232-4321



PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY OUTLAW ENGINEERING, INC. AND MAY NOT REFLECT ACTUAL LOCATION OF PROPERTY LINES

**LEGEND**

- Proposed Access Road
- Existing Access Road
- Culvert Required
- Proposed Pad
- Limit of Disturbance

- Federal
- Private
- State
- Tribal

**Horrocks 2-35A1E**

WELL LOCATION: NE 1/4 of the NE 1/4 SECTION 35,  
T.1S, R.1E, U.S.B.&M.  
UINTAH COUNTY, UTAH



Proposed  
Access Road

0 500 1,000 1,500 2,000 Feet

VERSION: **V3**  
SURVEYED: **3-28-16**

USGS 7.5'  
Fort Duchesne  
Quadrangle

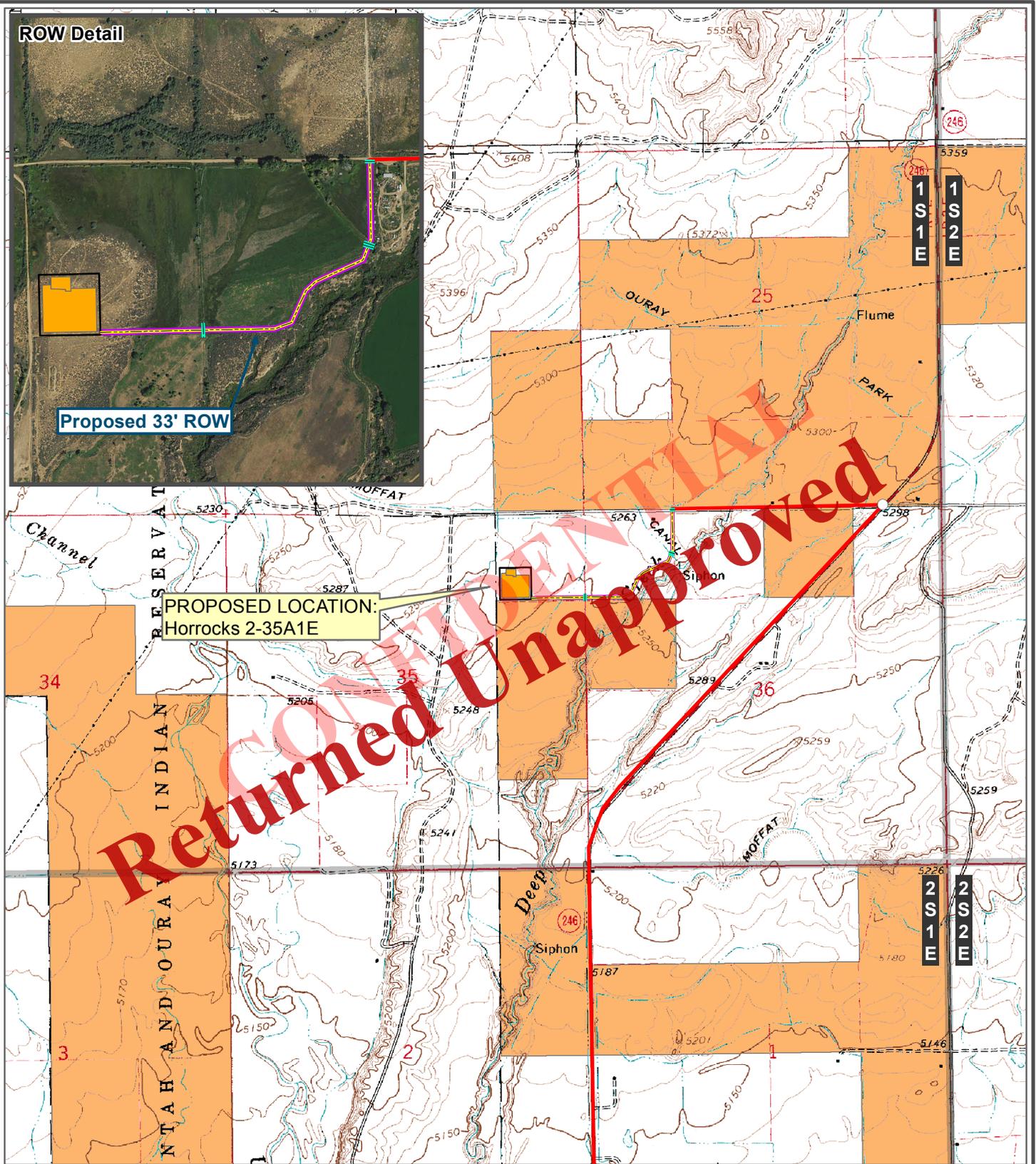
MARCH 28, 2016  
SCALE: 1" = 2,000'  
AUTHOR: CMM

SHEET  
**B**

**ROW Detail**



**Proposed 33' ROW**



**PROPOSED LOCATION:  
Horrocks 2-35A1E**

Returned Unapproved



**OUTLAW  
ENGINEERING INC.**

P.O. BOX 1800  
ROOSEVELT, UTAH 84066  
(435) 232-4321



PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY OUTLAW ENGINEERING, INC. AND MAY NOT REFLECT ACTUAL LOCATION OF PROPERTY LINES

**LEGEND**

- Proposed Access Road
- Existing Access Road
- Culvert Required
- Proposed Pad
- Limit of Disturbance
- ROW

- Federal
- Private
- State
- Tribal

**Horrocks 2-35A1E**

WELL LOCATION: NE 1/4 of the NE 1/4 SECTION 35,  
T.1S, R.1E, U.S.B.&M.  
UINTAH COUNTY, UTAH



**Proposed  
ROW**

0 500 1,000 1,500 2,000 Feet

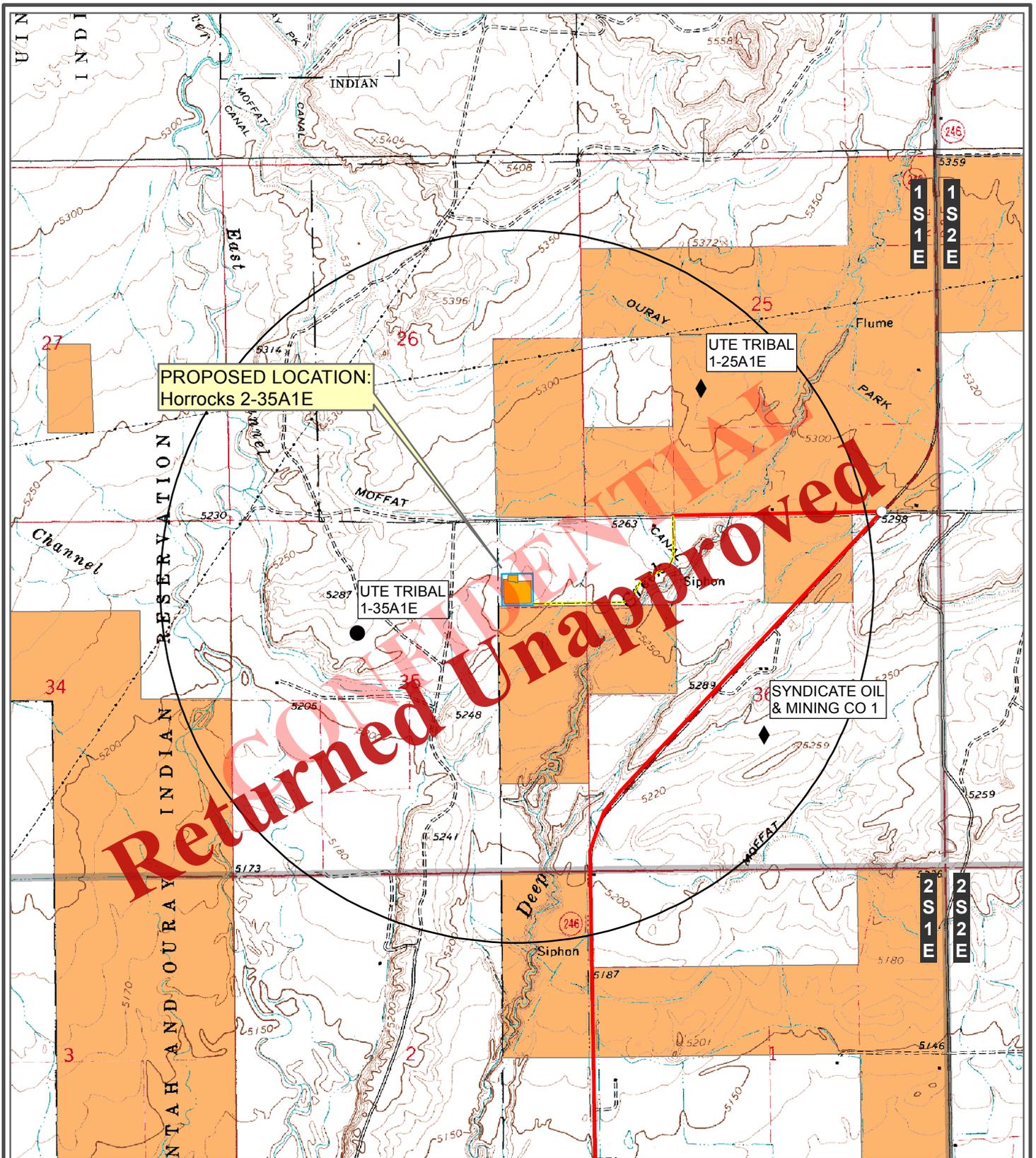
VERSION: **V3**  
SURVEYED: **3-28-16**

USGS 7.5'  
Fort Duchesne  
Quadrangle

MARCH 28, 2016  
SCALE: 1" = 2,000'  
AUTHOR: CMM

SHEET  
**C**

Received: April 15, 2016



**OUTLAW ENGINEERING INC.**  
 P.O. BOX 1800  
 ROOSEVELT, UTAH 84066  
 (435) 232-4321



PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY OUTLAW ENGINEERING, INC. AND MAY NOT REFLECT ACTUAL LOCATION OF PROPERTY LINES

**LEGEND**

- \* Active
- ▲ Approved Permit
- ⊕ Drilling
- Producing
- ◆ Plugged & Abandoned
- One Mile Radius

Federal
  Private
  State
  Tribal

**Horrocks 2-35A1E**

WELL LOCATION: NE 1/4 of the NE 1/4 SECTION 35,  
 T.1S, R.1E, U.S.B.&M.  
 UINAH COUNTY, UTAH



**Surrounding Wells**

0 500 1,000 1,500 2,000 Feet

VERSION: **V3**  
 SURVEYED: **3-28-16**

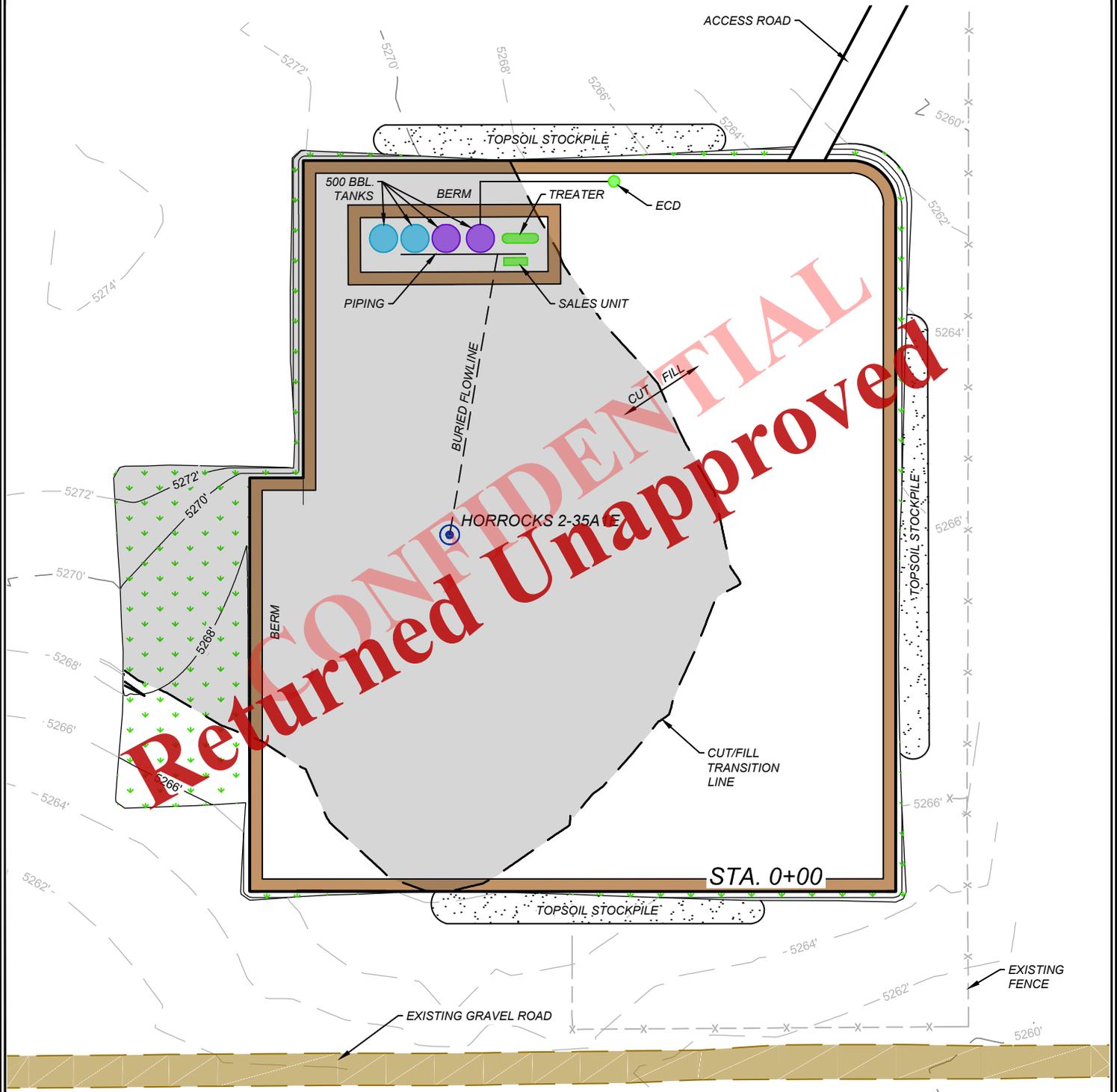
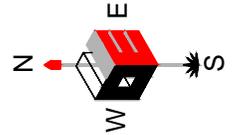
USGS 7.5' Fort Duchesne Quadrangle

MARCH 28, 2016  
 SCALE: 1" = 2,000'  
 AUTHOR: CMM

SHEET **D**



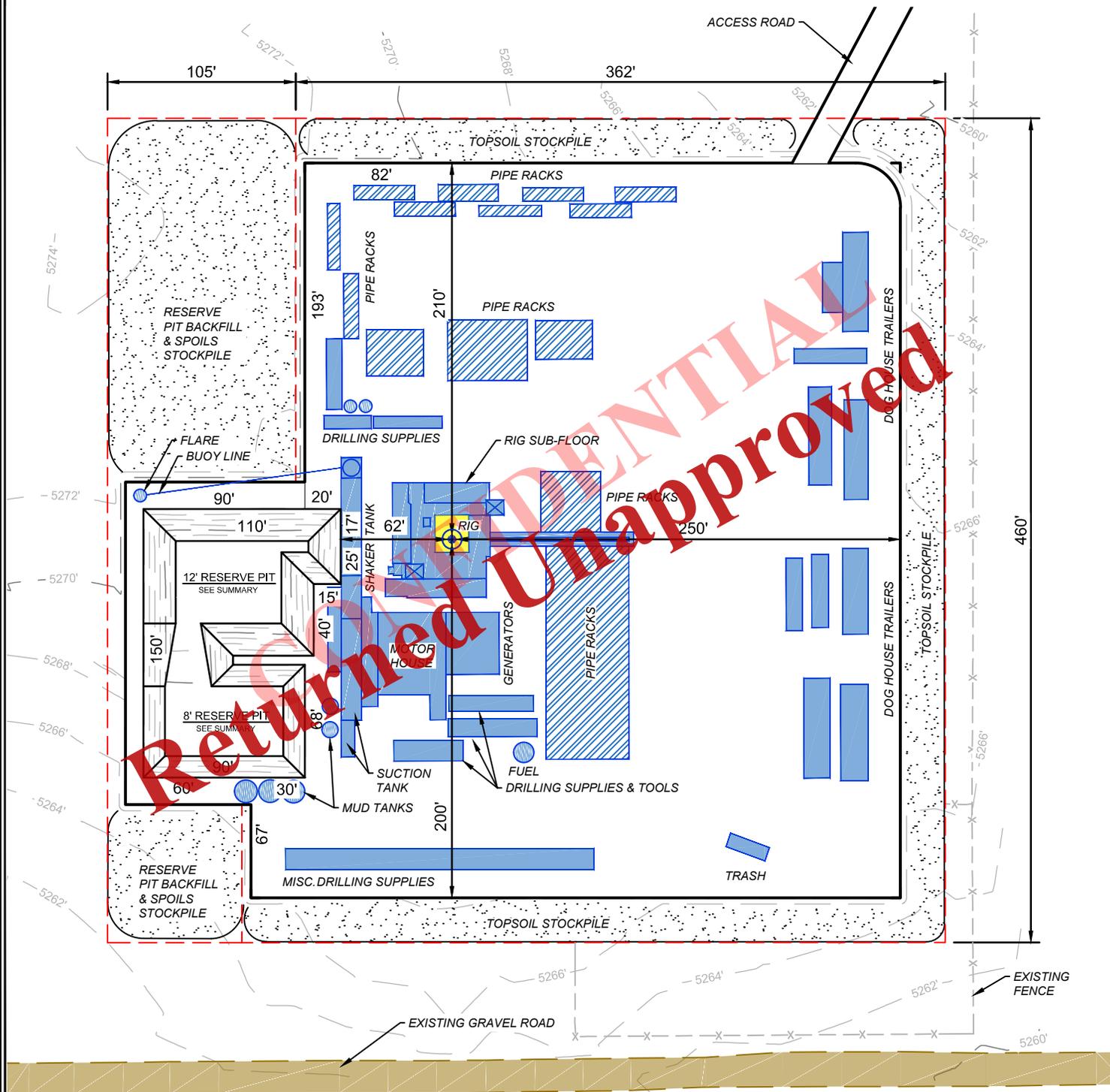
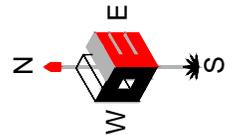
## PRODUCTION FACILITY LAYOUT HORROCKS 2-35A1E



CONFIDENTIAL  
 Returned Unapproved

<p style="text-align: center;"><b>LEGEND</b></p> <ul style="list-style-type: none"> <li> EXISTING CONTOURS</li> <li> PROPOSED CONTOURS</li> <li> LIMITS OF DISTURBANCE</li> <li> BERM</li> <li> EXISTING FENCE</li> <li> WELL LOCATION</li> <li> RECLAIMED AREA</li> <li> EXISTING ROAD</li> </ul>	<p style="text-align: center;"><b>SUMMARY</b></p> <p>APPROX UN-RECLAIMED AREA = 3.28 ACRES                  APPROX RECLAIMED AREA = 0.45 ACRES</p>	<p style="text-align: center;"><b>PRODUCTION FACILITY LAYOUT</b></p> <p style="text-align: center;"><b>HORROCKS 2-35A1E</b></p> <p style="text-align: center;">WELL LOCATION: NE 1/4 OF THE NE 1/4 SECTION 35, T1S, R1E, U.S.B.&amp;M., UINTAH COUNTY, UTAH</p> <p style="text-align: center;"><b>EP ENERGY</b></p>			
<p><b>OUTLAW ENGINEERING INC.</b>                  P.O. BOX 1800                  ROOSEVELT, UTAH 84066                  (435) 232-4321</p>	<p style="text-align: center;">HORIZONTAL</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><b>PRODUCTION LAYOUT</b></td> <td style="width: 33%; text-align: center;">MARCH 25, 2016 SCALE: 1" = 80' DESIGN: MA,RFII DRAWN: RL</td> <td style="width: 33%; text-align: center;">SHEET NO. <b>5</b></td> </tr> </table>	<b>PRODUCTION LAYOUT</b>	MARCH 25, 2016 SCALE: 1" = 80' DESIGN: MA,RFII DRAWN: RL	SHEET NO. <b>5</b>
<b>PRODUCTION LAYOUT</b>	MARCH 25, 2016 SCALE: 1" = 80' DESIGN: MA,RFII DRAWN: RL	SHEET NO. <b>5</b>			

## RIG LAYOUT HORROCKS 2-35A1E



Returned Unapproved

<p><b>LEGEND</b></p> <ul style="list-style-type: none"> <li> EXISTING CONTOURS</li> <li> PROPOSED CONTOURS</li> <li> LIMITS OF DISTURBANCE</li> <li> DIVERSION DITCH</li> <li> EXISTING FENCE</li> <li> WELL LOCATION</li> <li> EXISTING ROAD</li> <li> PIPE RACKS</li> <li> BUILDING &amp; EQUIP.</li> </ul>	<p><b>SUMMARY</b></p> <p>SEE CROSS SECTION SHEET FOR QUANTITIES</p>	<p style="text-align: center;"><b>RIG LAYOUT</b></p> <p style="text-align: center;"><b>HORROCKS 2-35A1E</b></p> <p style="text-align: center;">WELL LOCATION: NE 1/4 OF THE NE 1/4 SECTION 35, T1S, R1E, U.S.B.&amp;M., UINTAH COUNTY, UTAH</p> <p style="text-align: center; font-size: 1.5em;"><b>EP ENERGY</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; color: red; font-weight: bold;">RIG LAYOUT</td> <td style="text-align: center;">MARCH 25, 2016</td> <td style="text-align: center;">SHEET NO.</td> </tr> <tr> <td></td> <td style="text-align: center;">SCALE: 1" = 80'</td> <td style="text-align: center;">4</td> </tr> <tr> <td></td> <td style="text-align: center;">DESIGN: MA,RFII DRAWN: RL</td> <td></td> </tr> </table>	RIG LAYOUT	MARCH 25, 2016	SHEET NO.		SCALE: 1" = 80'	4		DESIGN: MA,RFII DRAWN: RL	
RIG LAYOUT	MARCH 25, 2016	SHEET NO.									
	SCALE: 1" = 80'	4									
	DESIGN: MA,RFII DRAWN: RL										
<p><b>OUTLAW ENGINEERING INC.</b> P.O. BOX 1800 ROOSEVELT, UTAH 84066 (435) 232-4321</p>	<p>HORIZONTAL</p>										

**AFFIDAVIT OF SURFACE USE AGREEMENT**

Corie A. Mathews personally appeared before me, and, being duly sworn, deposes and says:

1. My name is Corie A. Mathews. I am a Senior Landman for EP Energy E&P Company, L.P., whose address is 1001 Louisiana Street, Houston, Texas 77002 (“EP Energy”).
2. EP Energy is the operator of the proposed Horrocks 2-35A1E well (“the Well”) located in the NE/4 of the NE/4 of Section 35, Township 1 South, Range 1 East, USM, Uintah County, Utah (the “Drillsite Location”). The surface owner of the Drillsite location is Ronald Glen Horrocks Trust dated June 7, 2013, represented by Ronald Glen Horrocks, Trustee, whose address is PO Box 34, Lapoint, Utah 84039 and whose telephone number is (435) 828-5316 (the “Surface Owner”).
3. EP Energy and the Surface Owner have entered into a Surface Use Agreement dated November 24, 2015 to cover any and all injuries or damages of every character and description sustained by the Surface Owner or Surface Owner’s property as a result of operations associated with the drilling, completing and producing of the Well.

FURTHER AFFIANT SAYETH NOT.

  
 \_\_\_\_\_  
 Corie A. Mathews

**ACKNOWLEDGEMENT**

STATE OF TEXAS           §  
                                           §  
 COUNTY OF HARRIS       §

This instrument was acknowledged before me on this the 14<sup>th</sup> day of April, 2016 by Corie A. Mathews as a Senior Landman for EP ENERGY E&P COMPANY, L.P., a Delaware limited partnership, on behalf of said partnership and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.

CONFIDENTIAL  
 Returned Unapproved



  
 \_\_\_\_\_  
 Notary Public in and for State of Texas

**EP Energy E&P Company, L.P.**

**Related Surface Information**

1. **Current Surface Use:**

- Livestock Grazing and Oil and Gas Production.

2. **Proposed Surface Disturbance:**

- The road will be crown and ditch. Water wings will be constructed on the access road as needed.
- The topsoil will be windrowed and re-spread in the borrow area.
- New road to be constructed will be approximately 3,019 feet in length and 33 feet wide.
- All equipment and vehicles will be confined to the access road, pad and area specified in the APD.

3. **Location Of Existing Wells:**

- Existing oil, gas wells within one (1) mile radius of proposed well are provided in SHEET D.

4. **Location And Type Of Drilling Water Supply:**

- Drilling water: East Duchesne City Water

5. **Existing/Proposed Facilities For Productive Well:**

- There are no existing facilities that will be utilized for this well.
- A ~3,109 foot pipeline corridor will parallel the proposed access road. The corridor will contain one 4 inch gas line and one 2 inch gas line and one 4 inch Salt Water disposal line. Rehabilitation of unneeded, previously disturbed areas will consist of backfilling and contouring the reserve pit area, backfilling and contouring all cut and fill slopes. These areas will be reseeded. Refer to plans for reclamation of surface for details.
- Upgrade and maintain access roads and drainage control structures (e.g., culverts, drainage dips, ditching, etc.) as necessary to prevent soil erosion and accommodate safe, year-round traffic.

6. **Existing/Proposed Facilities For Productive Well:**

- There are no existing facilities that will be utilized for this well.
- Upgrade and maintain access roads and drainage control structures (e.g., culverts, drainage dips, ditching, etc.) as necessary to prevent soil erosion and accommodate safe, year-round traffic.

7. **Construction Materials:**

- Native soil from road and location will be used for construction materials along with gravel and/or scoria road base material. In the event that conditions should necessitate graveling of all or part of the access road and location, surfacing materials will be purchased from commercial suppliers in the marketing area.

8. **Methods For Handling Waste Disposal:**

- The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of ½ the total depth below the original ground surface on the lowest point with the pit. The pit will be lined with a 20-mil polyethylene to prevent leakage of fluids. The liner will be rolled into place and secured at the ends, i.e. buried on top of the pit berms. Prior to use, the reserve pit will be fenced on three sides; the fourth side will be fenced at the time the rig is removed. Drilling fluids, cuttings and produced water will be contained in the reserve pit (trash will be placed in the trash cage). Fluids in the reserve pit will be allowed to evaporate prior to pit burial.
- Garbage and other trash will be contained in the portable trash cage and hauled off the location to an authorized disposal site. Any trash on the pad will be cleaned up prior to the rig moving off location and hauled to an authorized disposal site.
- Sewage will be handled in Portable Toilets.
- Produced water will be placed in the reserve pit for a period not to exceed ninety days after initial production. Any hydrocarbons produced during completion work will be contained in test tanks and removed from the location at a later date.
- Water from the reserve pit may be used for drilling of additional wells. The water will be trucked along access roads as approved in pertinent APD's.

9. **Ancillary Facilities:**

- There will be no ancillary facilities associated with this project.

**10. Surface Reclamation Plans:**

Backfilling of the pits will be done when dry. In the event of a dry hole, the location will be re-contoured, the topsoil will be distributed evenly over the entire location, and the seedbed prepared.

- Seed will be planted after the frost has left or before May 15<sup>th</sup>, 2017 or after September 15, 2017, and prior to ground frost. Slopes too steep for machinery will be hand broadcast and raked with twice the specified amount of seed.
  1. The construction program and design are on the attached cut, fill and cross sectional diagrams.
  2. Prior to construction, all topsoil will be removed from the entire site and stockpiled. Topsoil for this site is the first 6 inches of soil materials.
  3. After the location has been reshaped and after redistributing the topsoil, the operator will rip and scarify the drilling platform and access road on the contour, to a depth of at least 12 inches.
- Rehabilitation will begin upon the completion of the drilling. Complete rehabilitation will depend on weather conditions and the amount of time required to dry the reserve pit.
  1. All rehabilitation work including seeding will be completed as soon as weather and the reserve pit conditions are appropriate.
  2. Landowner will be contacted for rehabilitation requirements.

**11. Surface Ownership:**

See attached Letter in Lieu for list of surface owners, addresses, and phone numbers.

**Other Information:**

- The surface soil consists of clay, and silt.
- Flora – vegetation consists of the following: Sagebrush, Juniper and prairie grasses.
- Fauna – antelope, deer, coyotes, raptors, small mammals, and domestic grazing animals.
- Current surface uses – Livestock grazing and mineral exploration and production.

• **Operator and Contact Persons:**

**Construction and Reclamation:**

EP Energy E&P Company, L.P.  
Randy Frederick - Construction  
11901 West 3750 North  
Albion, Utah 84001  
435-454-4239 – Office  
435-621-1333 – Cell

**Regarding This APD**

EP Energy E&P Company, L.P.  
Linda Renken – Sr. Regulatory Analyst  
1001 Louisiana, Rm 2628D  
Houston, Texas 77002  
713-997-5138 – Office  
281-204-7056 - Cell

**Drilling Engineer**

EP Energy E&P Company, L.P.  
Brent Baker – Drilling Engineer  
1001 Louisiana, Rm 2523B  
Houston, Texas 77002  
713-997-3323 – Office  
832-457-6433 – Cell

Total Height of stack 15.1'

RKB To Center

Cameron Annular  
13-5/8" 10M

13.39'

Cameron DBL U  
13-5/8" 10M

18.04'

Drilling Spool  
13-5/8" 10M

22.84'

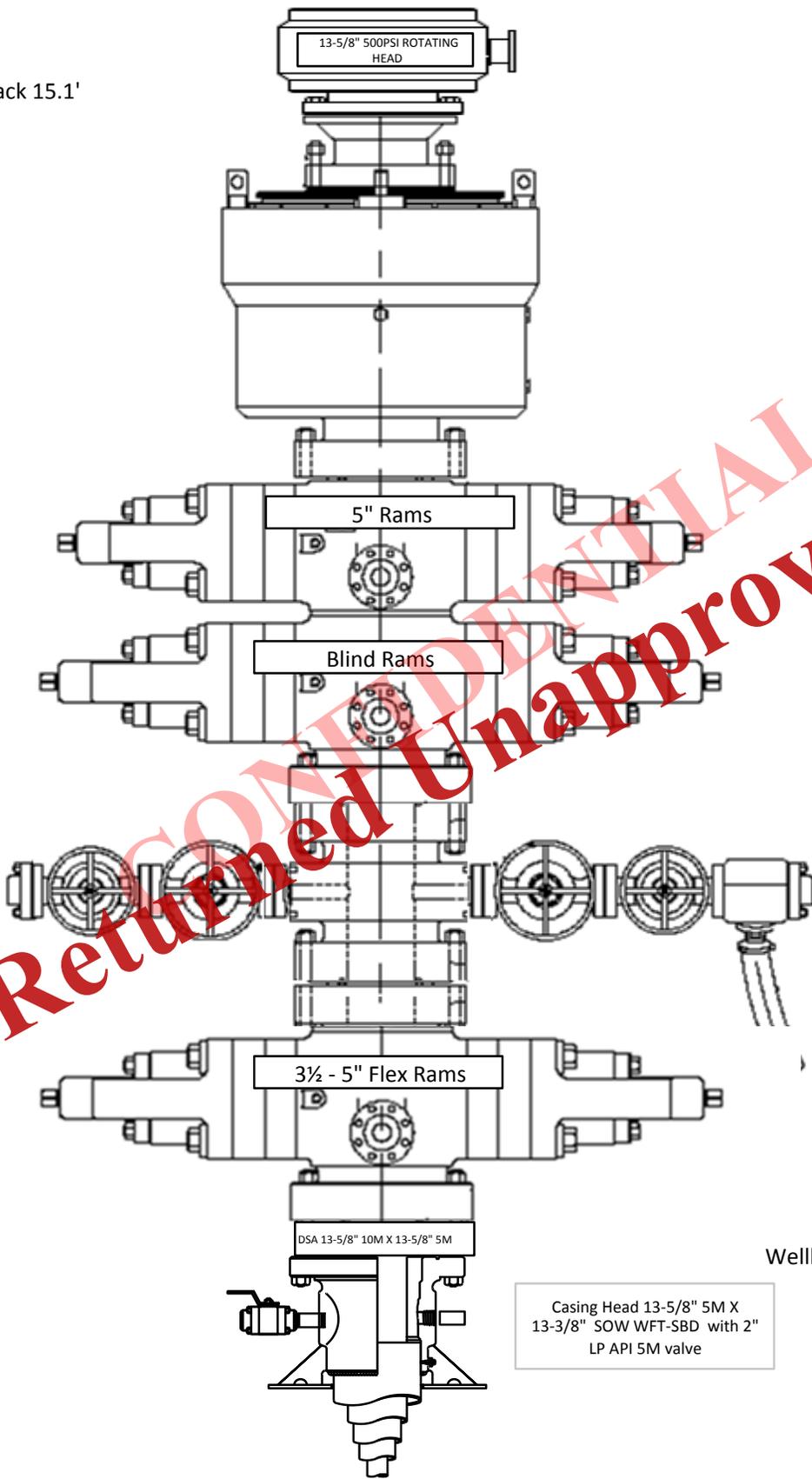
Cameron U  
13-5/8" 10M

25.59'

DSA Top 29.85'

Wellhead Top 30.41'

RETURNED TO ORIGINAL OWNER  
UNAPPROVED



13-5/8" 500PSI ROTATING HEAD

5" Rams

Blind Rams

3½ - 5" Flex Rams

DSA 13-5/8" 10M X 13-5/8" 5M

Casing Head 13-5/8" 5M X  
13-3/8" SOW WFT-SBD with 2"  
LP API 5M valve

Total Height of stack 15.1'

RKB To Center

Cameron Annular  
13-5/8" 10M

13.39'

Cameron DBL U  
13-5/8" 10M

17.71'

Drilling Spool  
13-5/8" 10M

22.51'

Cameron U  
13-5/8" 10M

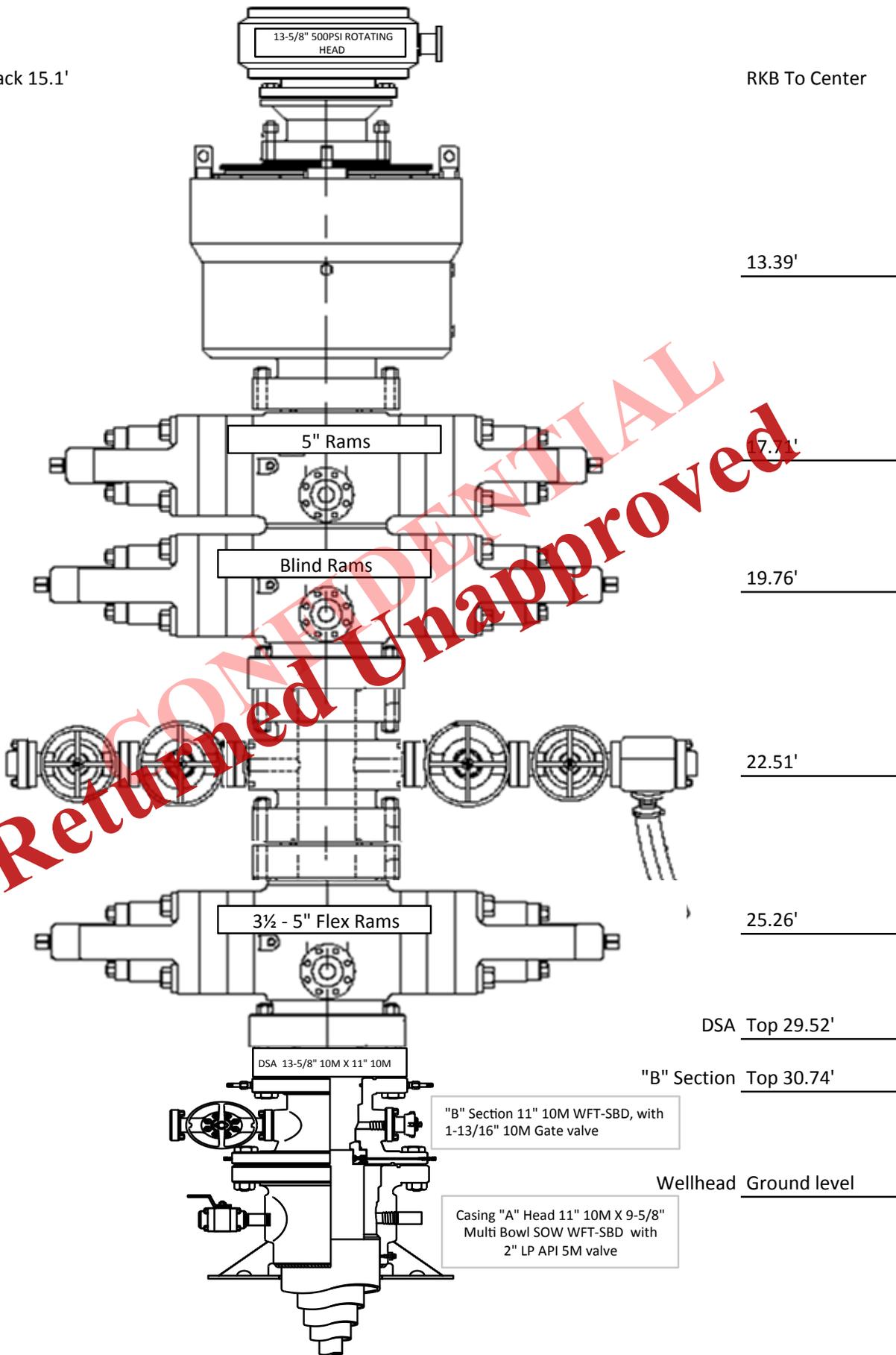
25.26'

DSA Top 29.52'

"B" Section Top 30.74'

Wellhead Ground level

Returned Unapproved



"B" Section 11" 10M WFT-SBD, with  
1-13/16" 10M Gate valve

Casing "A" Head 11" 10M X 9-5/8"  
Multi Bowl SOW WFT-SBD with  
2" LP API 5M valve

Total Height of stack 15.1'

RKB To Center

Cameron Annular  
13-5/8" 10M

13.39'

Cameron DBL U  
13-5/8" 10M

17.71'

Drilling Spool  
13-5/8" 10M

22.51'

Cameron U  
13-5/8" 10M

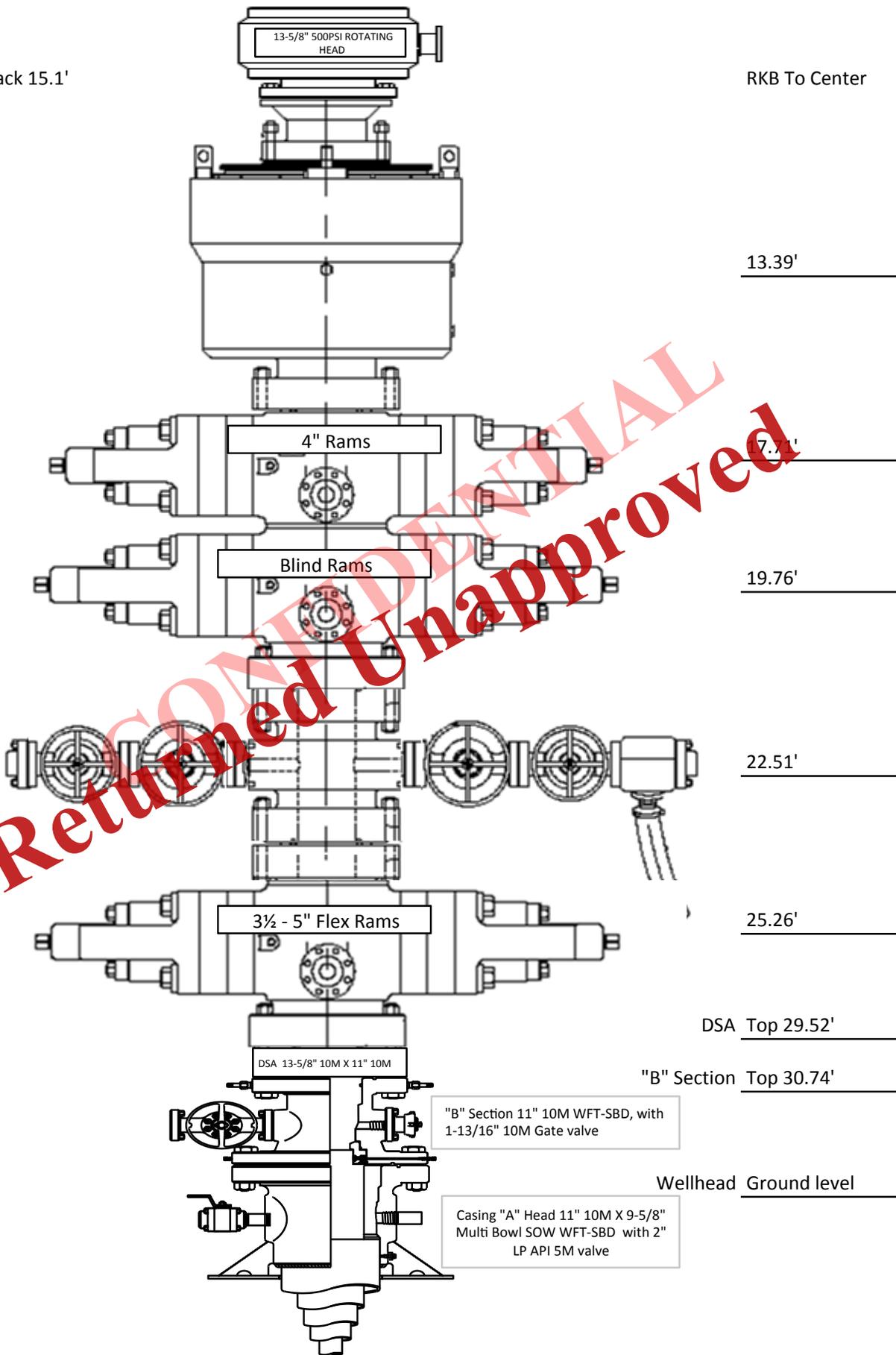
25.26'

DSA Top 29.52'

"B" Section Top 30.74'

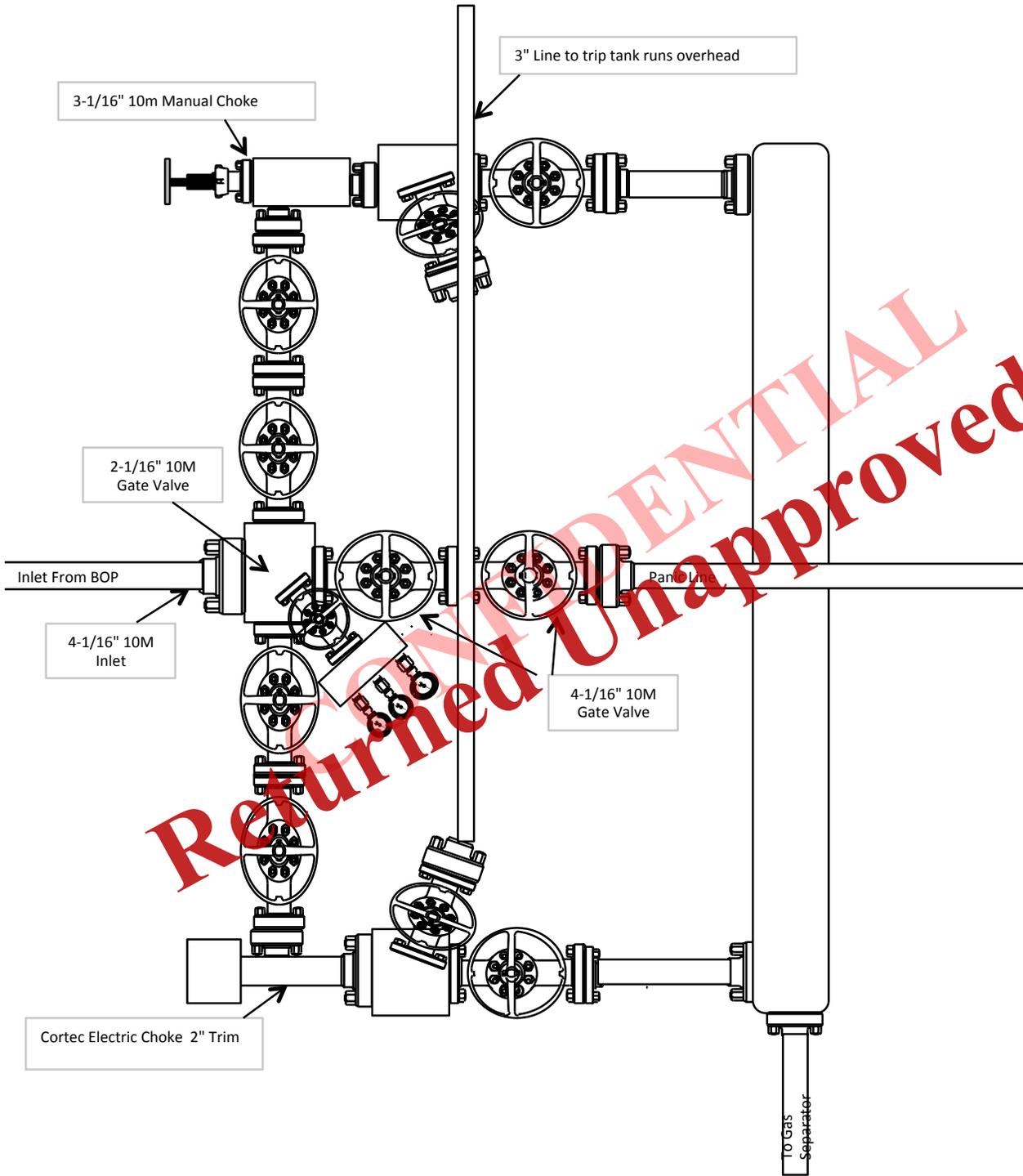
Wellhead Ground level

Returned Unapproved



# Nabors X-21 10M Choke Monifold Configuration

All valves on the Choke Manifold are 3-1/16" 10M except for those that are identified below.





GARY R. HERBERT  
*Governor*

SPENCER J. COX  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

April 19, 2016

EP ENERGY E&P COMPANY, L.P.  
1001 Louisiana  
Houston, TX 77002

Re: Application for Permit to Drill - DUCHESNE County, Utah

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the Horrocks 2-35A1E well, API 43013533360000 that was submitted April 15, 2016 is being returned unapproved. If you plan on drilling this well in the future, you must first submit a new application.

Should you have any questions regarding this matter, please call me at (801) 538-5312.

Sincerely,

Diana Mason  
Environmental Scientist

Enclosure

cc: Bureau of Land Management, Vernal, Utah



