

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

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Thiebaud 2-14C4				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT ALTAMONT				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR EP ENERGY E&P COMPANY, L.P.						7. OPERATOR PHONE 713 997-5038				
8. ADDRESS OF OPERATOR 1001 Louisiana, Houston, TX, 77002						9. OPERATOR E-MAIL maria.gomez@epenergy.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Fee			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Arnold & Doris Thiebaud						14. SURFACE OWNER PHONE (if box 12 = 'fee') 316-755-1672				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 421 North Emporia Avenue, Valley Center, KS 67147						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT 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		1505 FNL 695 FEL		SENE	14	3.0 S	4.0 W	U		
Top of Uppermost Producing Zone		1505 FNL 695 FEL		SENE	14	3.0 S	4.0 W	U		
At Total Depth		1505 FNL 695 FEL		SENE	14	3.0 S	4.0 W	U		
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 695			23. NUMBER OF ACRES IN DRILLING UNIT 640				
27. ELEVATION - GROUND LEVEL 5957			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 2600			26. PROPOSED DEPTH MD: 12100 TVD: 12100				
			28. BOND NUMBER 400JU0708			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Duchesne City				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	20	13.375	0 - 800	54.5	J-55 ST&C	9.0	Class G	1711	1.15	15.8
Surf	12.25	9.625	0 - 2500	40.0	N-80 LT&C	9.5	Unknown	300	3.16	11.0
							Unknown	195	1.3	14.3
I1	8.75	7	0 - 9150	29.0	HCP-110 LT&C	10.3	Unknown	439	2.31	12.0
							Unknown	91	1.91	12.5
L1	6.125	5	8950 - 12100	18.0	HCP-110 LT&C	13.7	Unknown	187	1.47	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					
NAME Maria S. Gomez			TITLE Principal Regulatory Analyst			PHONE 713 997-5038				
SIGNATURE			DATE 06/05/2013			EMAIL maria.gomez@epenergy.com				
API NUMBER ASSIGNED 43013522310000			APPROVAL  Permit Manager							

**Thiebaud 2-14 C4
Sec. 14, T3S, R4W
DUCHESNE 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)	3,774' TVD
Green River (GRTN1)	5,064' TVD
Mahogany Bench	6,014' TVD
L. Green River	7,314' TVD
Wasatch	9,114' TVD
T.D. (Permit)	12,100' TVD

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River (GRRV)	3,774' MD / TVD
	Green River (GRTN1)	5,064' MD / TVD
	Mahogany Bench	6,014' MD / TVD
Oil	L. Green River	7,314' MD / TVD
Oil	Wasatch	9,114' MD / TVD

3. Pressure Control Equipment: (Schematic Attached)

A 4.5" by 20.0" rotating head on structural pipe from surface to 800' MD/TVD. A 4.5" by 13-3/8" Smith Rotating Head from 800' MD/TVD to 2,500' MD/TVD on Conductor. A 5M BOP stack, 5M kill lines and choke manifold used from 2,500' MD/TVD to 9,150' MD/TVD. A 10M BOE w/ rotating head, 5M annular, blind rams & mud cross from 9,150' MD/TVD to TD (12,100' MD/TVD).

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

OPERATORS MINIMUM SPECIFICATIONS FOR BOPE:

The surface casing will be equipped with a flanged casing head of 5M psi working pressure. An 11" 5M x 11" 10M spool, 11" x 10M psi BOP and 5M psi annular will be nipped up on the surface casing and tested to 250 psi low test / 3,000 psi high test for 10 minutes each prior to drilling out. The surface casing will be tested to 1,000 psi. for 30 mins. 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 3-½" pipe rams, blind rams, mud cross and rotating head from intermediate shoe to TD. The BOPE will be hydraulically operated.

In addition, the BOP equipment will be tested after running intermediate casing, 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:

Precision Rig # 404 is expected to 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 800' - TD
- B) Mud logger with gas monitor – 2,500' to TD (12,100' MD/TVD)
- 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	9.0 – 9.5
Intermediate	WBM	9.0 – 10.3
Production	WBM	10.3 – 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: 2,500' MD/TVD – TD (12,100' MD/TVD)

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

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 12,100' TVD equals approximately 8,620 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 5,958 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 9,150' TVD = 7,320 psi

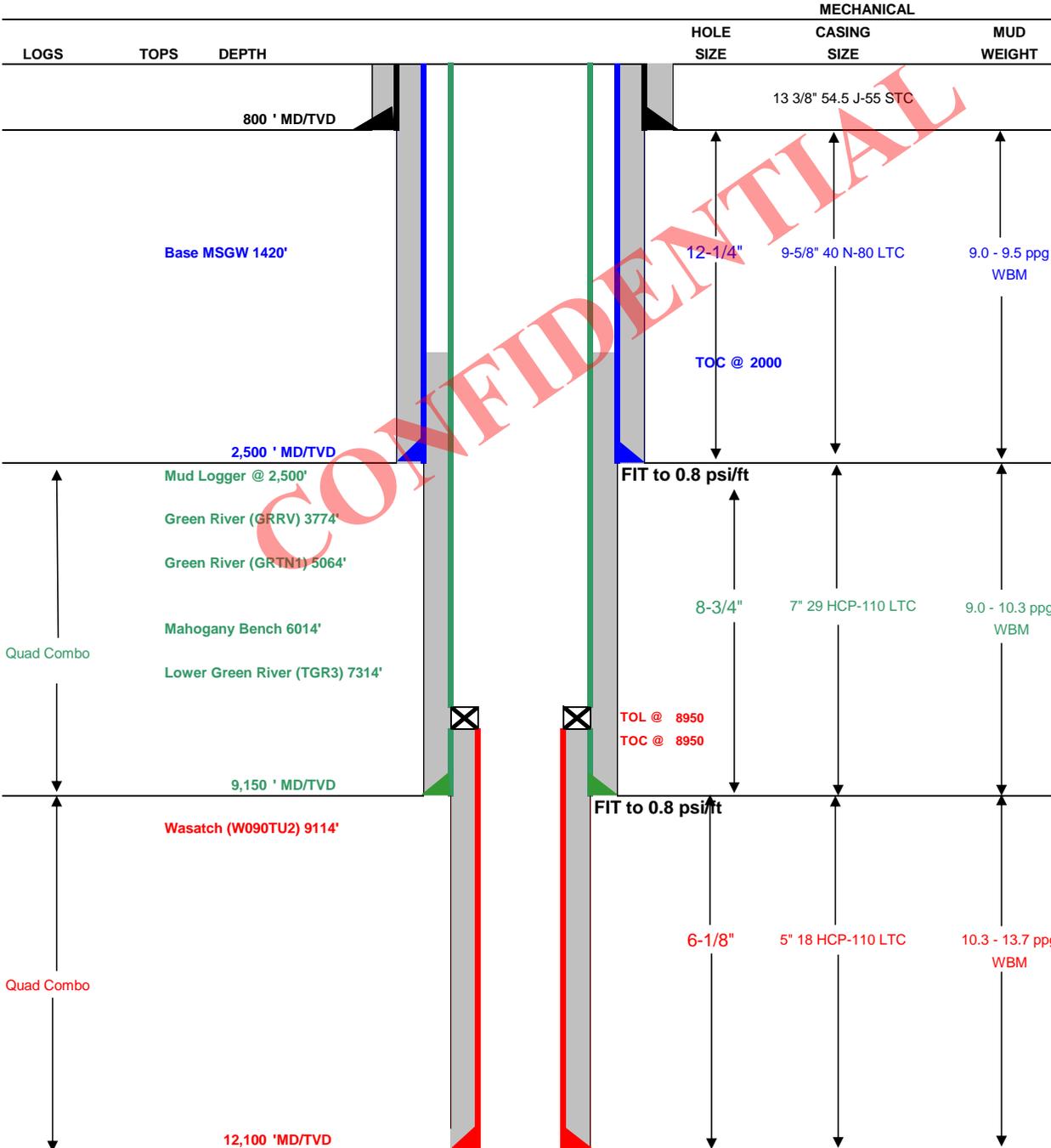
BOPE and casing design will be based on the lesser of the two MASPs which is 5,958 psi.

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



Drilling Schematic

Company Name: EP ENERGY	Date: June 3, 2013
Well Name: Thiebaud 2-14C4	TD: 12,100
Field, County, State: Altamont, Duchesne, Utah	AFE #: 160428
Surface Location: Sec 14 T3S R4W 1505' FNL 695' FEL	BHL: Straight Hole
Objective Zone(s): Green River, Wasatch	Elevation: 5956.5'
Rig: Precision 404	Spud (est.): TBD
BOPE Info: 4.5 x 13 3/8 rotating head from 800' to 2,500' 11 5M BOP stack and 5M kill lines and choke manifold used from 2,500' to 9,150' 11 10M BOE w/rotating head, 5M annular, 3.5 rams, blind rams & mud cross from 9,150' to TD (12,100' MD/TVD)	



DRILLING PROGRAM

CASING PROGRAM	SIZE	INTERVAL		WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	13 3/8"	0	800	54.5	J-55	STC	2,740	1,130	514
SURFACE	9-5/8"	0	2500	40.00	N-80	LTC	5,750	3,090	737
INTERMEDIATE	7"	0	9150	29.00	HCP-110	LTC	11,220	9,750	797
PRODUCTION LINER	5"	8950	12100	18.00	HCP-110	LTC	13,950	14,360	495

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR		800	Class G + 3% CACL2	1711	100%	15.8 ppg	1.15
SURFACE	Lead	2,000	EXTENDACEM (TM) SYSTEM: 5 lbm/sk Silicalite Compacted + 0.25 lbm/sk Kwik Seal + 0.125 lbm/sk Poly-E-Flake + 2% Bentonite	300	75%	11.0 ppg	3.16
	Tail	500	HALCEM (TM) SYSTEM: 3 lbm/sk Silicalite Compacted + 1% Salt + 0.3% Econolite + 0.25 lbm/sk Poly-E-Flake + 0.25 lbm/sk Kwik Seal + 0.5% HR-5	195	50%	14.3 ppg	1.30
INTERMEDIATE	Lead	6,150	EXTENDACEM (TM) SYSTEM: 4% Bentonite + 0.4% Econolite + 0.2% Halad(R)-322 + 3 lbm/sk Silicalite Compacted + 1.2% HR-5 + 0.125 lbm/sk Poly-E-Flake	439	10%	12.0 ppg	2.31
	Tail	1,000	EXPANDACEM (TM) SYSTEM: 0.2% Econolite + 0.3% Versaset + 0.9% HR-5 + 0.3% Super CBL + 0.2% Halad(R)-322 + 0.125 lbm/sk Poly-E-Flake	91	10%	12.5 ppg	1.91
PRODUCTION LINER		3,150	EXTENDACEM (TM) SYSTEM: 0.3% Super CBL + 0.1% SA-1015 + 0.3% Halad(R)-413 + 0.5% SCR-100 + 0.125 lbm/sk Poly-E-Flake + 3 lbm/sk Silicalite Compacted + 20% SSA-1	187	25%	14.20	1.47

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 & Stage 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. Maker joint at 8,000'.
LINER	Float shoe, 1 joint, float collar. Thread lock all FE. Maker joints every 1000'.

PROJECT ENGINEER(S): Brad MacAfee 713-997-6383

MANAGER: Tommy Gaydos

EP ENERGY E&P COMPANY, L.P.
THIEBUAD 2-14C4
SECTION 14, T3S, R4W, U.S.B.&M.

PROCEED NORTH ON PAVED STATE HIGHWAY 87 FROM THE INTERSECTION OF HIGHWAY 87 WITH U.S. HIGHWAY 40 IN DUCHESNE, UTAH APPROXIMATELY 3.54 MILES TO AN INTERSECTION;

TURN RIGHT AND TRAVEL EASTERLY 5.00 MILES ON EXISTING GRAVEL COUNTY ROAD TO AN INTERSECTION;

TURN LEFT AND TRAVEL NORTH 0.09 MILES ON A GRAVEL ROAD TO THE BEGINNING OF THE PROPOSED ACCESS ROAD

TURN RIGHT AND FOLLOW ROAD FLAGS NORTHERLY 0.73 MILES TO THE PROPOSED WELL LOCATION;

TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 9.36 MILES.

EP ENERGY E & P COMPANY, L.P.

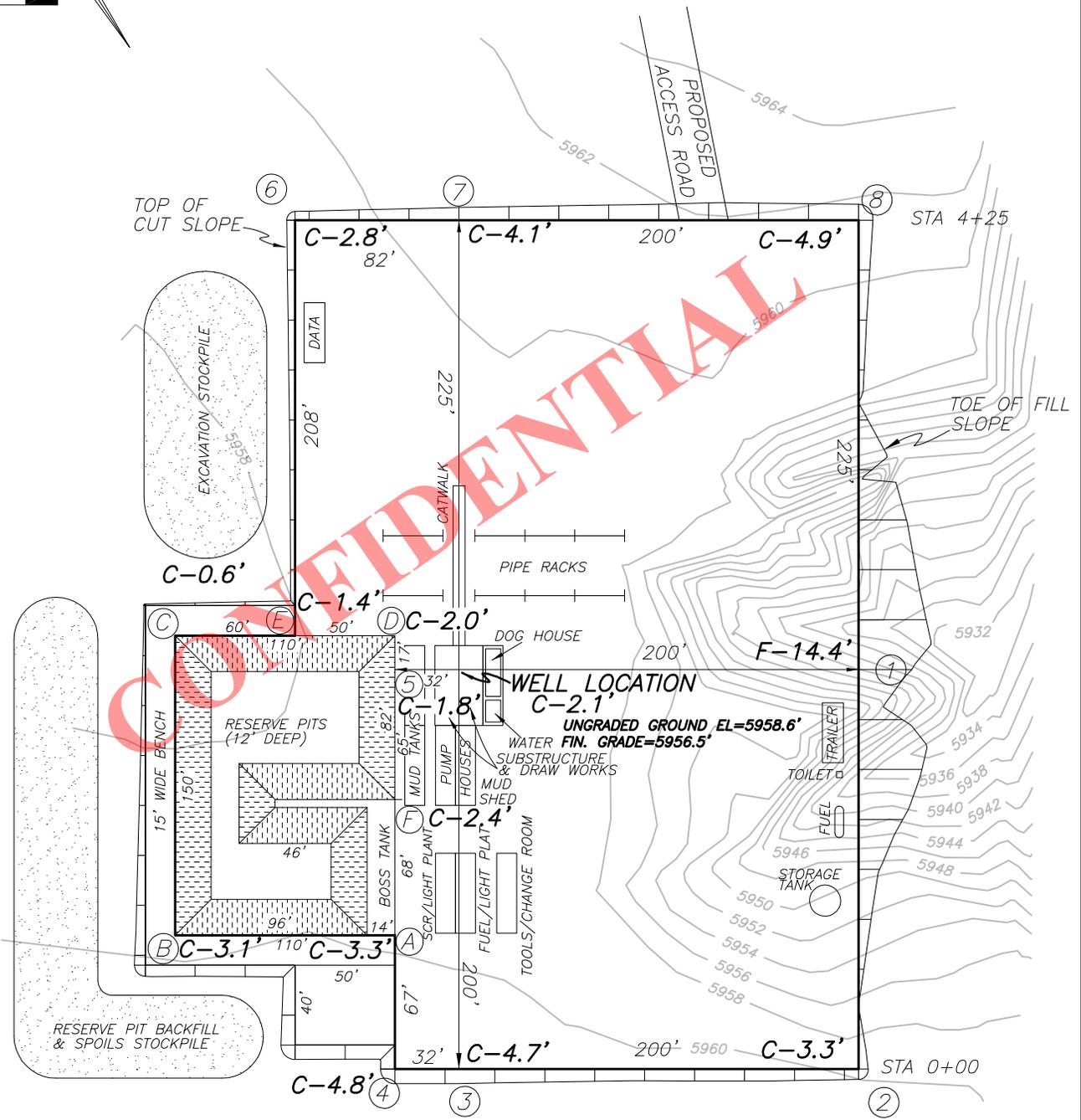
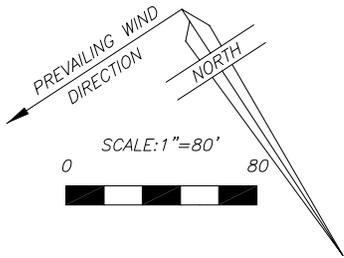
FIGURE #1

LOCATION LAYOUT FOR

THIEBAUD 2-14C4

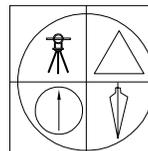
SECTION 14, T3S, R4W, U.S.B.&M.

1505' FNL, 695' FEL



19 APR 2013

01-128-391



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SURVEYING CONSULTANTS

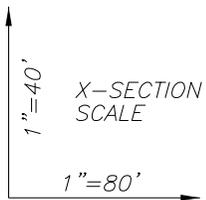
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

RECEIVED: June 05, 2013

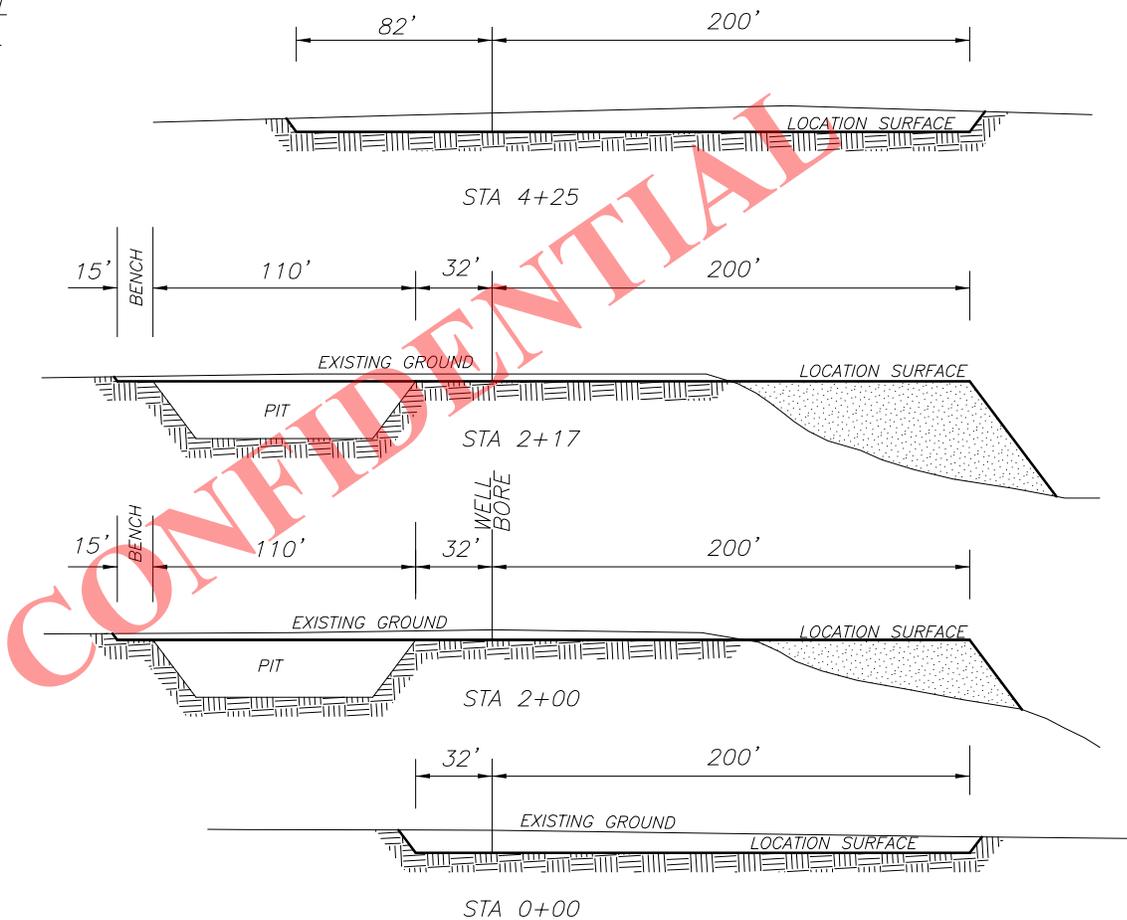
EP ENERGY E & P COMPANY, L.P.

FIGURE #2

LOCATION LAYOUT FOR
 THIEBAUD 2-14C4
 SECTION 14, T3S, R4W, U.S.B.&M.
 1505' FNL, 695' FEL



NOTE: ALL CUT/FILL
 SLOPES ARE 1½:1
 UNLESS OTHERWISE
 NOTED



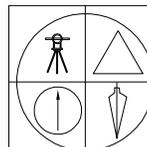
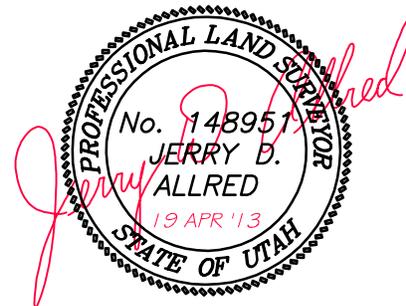
APPROXIMATE QUANTITIES

TOTAL CUT (INCLUDING PIT) = 16,140 CU. YDS.

PIT CUT = 4572 CU. YDS.
 TOPSOIL STRIPPING: (6") = 2681 CU. YDS.
 REMAINING LOCATION CUT = 8887 CU. YDS

TOTAL FILL = 7767 CU. YDS.

LOCATION SURFACE GRAVEL=1374 CU. YDS. (4" DEEP)
 ACCESS ROAD GRAVEL=1036 CU. YDS.



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19 APR 2013

01-128-391

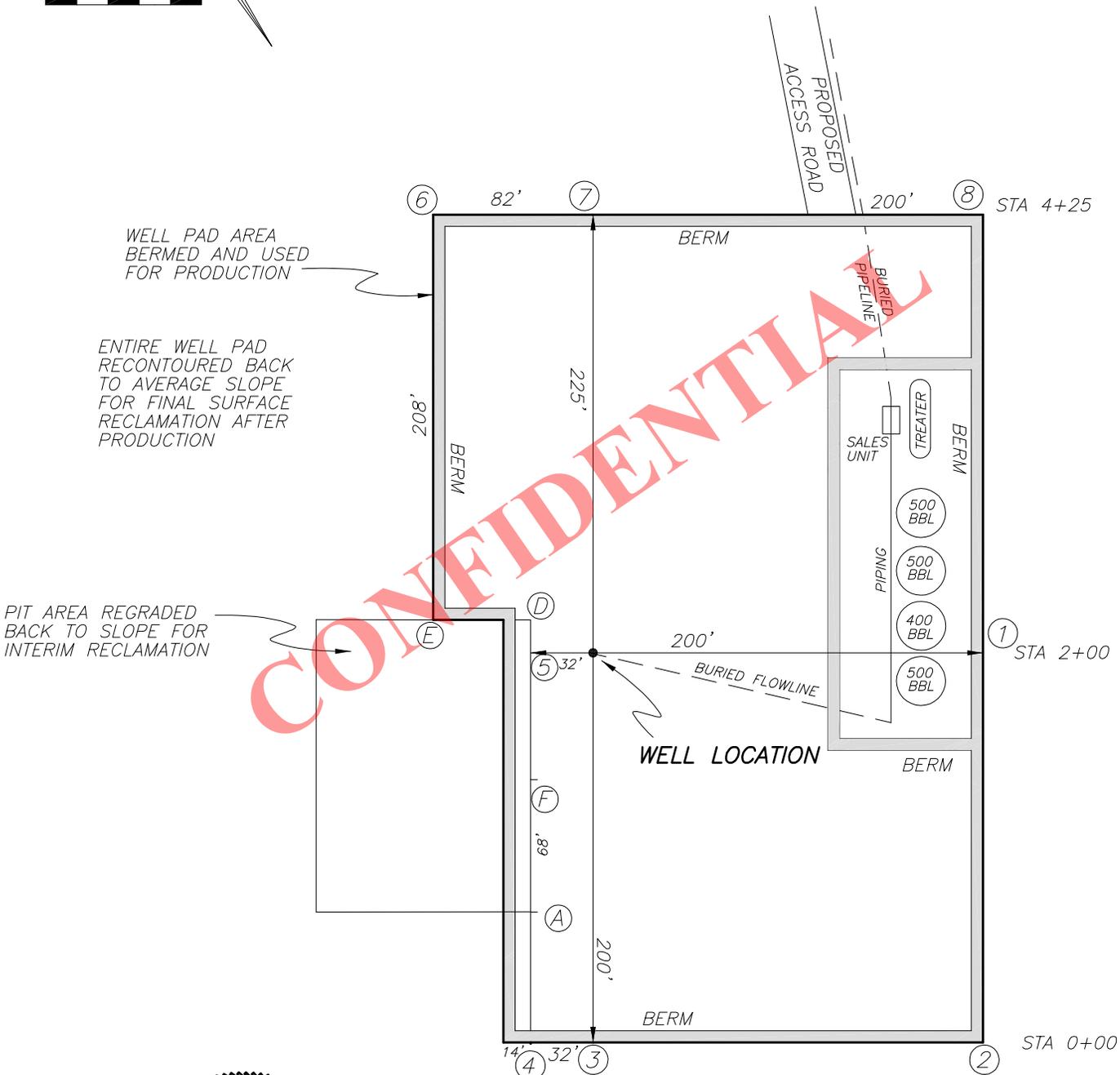
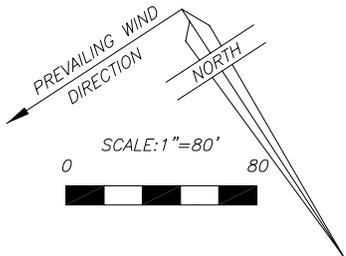
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EP ENERGY E & P COMPANY, L.P.

FIGURE #3

LOCATION LAYOUT FOR
THIEBAUD 2-14C4

SECTION 14, T3S, R4W, U.S.B.&M.
1505' FNL, 695' FEL



WELL PAD AREA
BERMED AND USED
FOR PRODUCTION

ENTIRE WELL PAD
RECONTOURED BACK
TO AVERAGE SLOPE
FOR FINAL SURFACE
RECLAMATION AFTER
PRODUCTION

PIT AREA REGRADED
BACK TO SLOPE FOR
INTERIM RECLAMATION



	JERRY D. ALLRED & ASSOCIATES SURVEYING CONSULTANTS
	1235 NORTH 700 EAST--P.O. BOX 975 DUCHESNE, UTAH 84021 (435) 738-5352

FOUND G.L.O. MONUMENT
AT QUARTER CORNER

FOUND G.L.O. MONUMENT
AT QUARTER CORNER

USE AREA BOUNDARY

Commencing at the Northeast Corner of Section 14, Township 3 South, Range 4 West of the Uintah Special Base and Meridian:
Thence South 13°57'01" West 1490.62 feet to the TRUE POINT OF BEGINNING;
Thence South 33°14'06" West 485.00 feet;
Thence North 56°45'54" West 485.00 feet;
Thence North 33°14'06" East 485.00 feet;
Thence South 56°45'54" East 485.00 feet to the TRUE POINT OF BEGINNING, containing 5.40 acres.

ACCESS ROAD, PIPELINE, AND POWER LINE CORRIDOR RIGHT-OF-WAY DESCRIPTION

Commencing at the Northeast Corner of Section 14, Township 3 South, Range 4 West of the Uintah Special Base and Meridian:
Thence South 29°37'01" West 1895.76 feet to a point on the South Use Area Boundary line of the EP Energy E&P Co. Thiebaud 2-14C4 well location, which is the TRUE POINT OF BEGINNING;
Thence South 22°51'40" West 59.21 feet;
Thence South 57°45'52" East 937.09 feet;
Thence South 17°47'35" East 426.38 feet;
Thence South 00°05'11" West 974.94 feet;
Thence South 12°55'53" West 652.09 feet;
Thence South 12°48'29" West 398.23 feet;
Thence South 45°27'42" West 403.52 feet to the south line of an existing road; Said right-of-way being 3804.88 feet in length with the sidelines being shortened or elongated to intersect said use area boundary and said south road line.

SW 1/4 NE 1/4

LINE	BEARING	DISTANCE
L1	S 33°14'06" W	485.00'
L2	N 56°45'54" W	485.00'
L3	N 33°14'06" E	485.00'
L4	S 56°45'54" E	485.00'
L5	S 22°51'40" W	59.21'
L6	S 57°45'52" E	937.09'
L7	S 17°47'35" E	426.38'
L8	S 00°05'11" W	974.94'
L9	S 12°55'53" W	652.09'
L10	S 12°48'29" W	398.23'
L11	S 45°27'42" W	356.94'

EP ENERGY E&P COMPANY, L.P.

LOCATION USE AREA AND ACCESS ROAD, POWER LINE, AND PIPELINE
CORRIDOR RIGHT-OF-WAY SURVEY FOR
EP ENERGY E&P COMPANY, L.P.
THIEBAUD 2-14C4
SECTION 14, T3S, R4W, U.S.B.&M.
DUCHESSNE COUNTY, UTAH

NW 1/4 NE 1/4
JOYCE M EUGSTER
JOHN R EUGSTER
PROPERTY

E.P. ENERGY E&P COMPANY L.P.

SURFACE USE AREA
THIEBAUD 2-14C4
5.40 ACRES

NE 1/4 SE 1/4

MOON LAND AND LIVESTOCK
PROPERTY

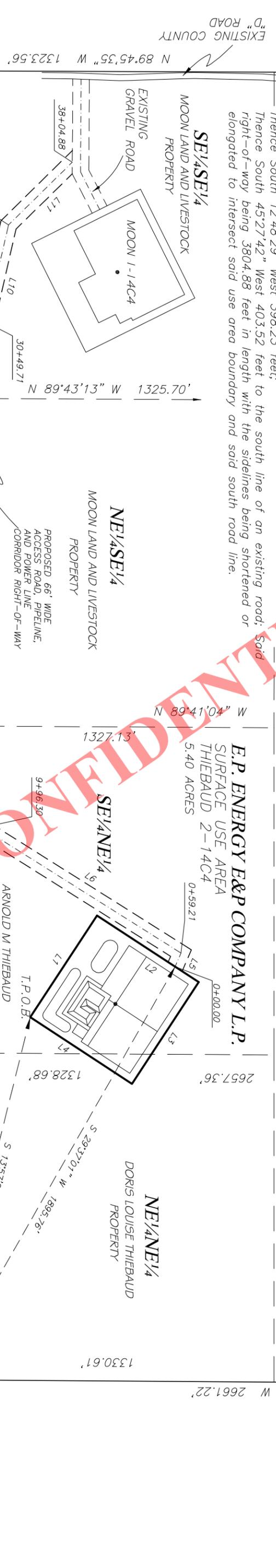
PROPOSED 66' WIDE
ACCESS ROAD, PIPELINE,
AND POWER LINE
CORRIDOR RIGHT-OF-WAY

SE 1/4 NE 1/4

ARNOLD M THIEBAUD
DORIS LOUISE THIEBAUD
PROPERTY

NE 1/4 NE 1/4

DORIS LOUISE THIEBAUD
PROPERTY



FOUND G.L.O. MONUMENT
AT SECTION CORNER

FOUND G.L.O. MONUMENT
AT QUARTER CORNER

FOUND G.L.O. MONUMENT
AT QUARTER CORNER

FOUND G.L.O. MONUMENT
AT SECTION CORNER

THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT

THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT THE SECTION CORNER LOCATED AT LAT. 40°15'22.90258" N AND LONG. 110°23'21.19760" W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

SURVEYOR'S CERTIFICATE

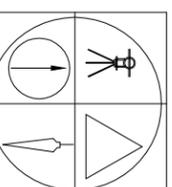
This is to certify that this plat was prepared from the field notes and electronic data collector files of an actual survey made by me, or under my personal supervision, of the use area and access road, power line, and pipeline corridor right-of-way shown hereon, and that the monuments indicated were found or set during said survey, and that this plat accurately represents said survey to the best of my knowledge.



Jerry D. Allred, Professional Land Surveyor,
Certificate 148951 (Utah)

19 APR 2013 01-128-391

SCALE: 1" = 400'

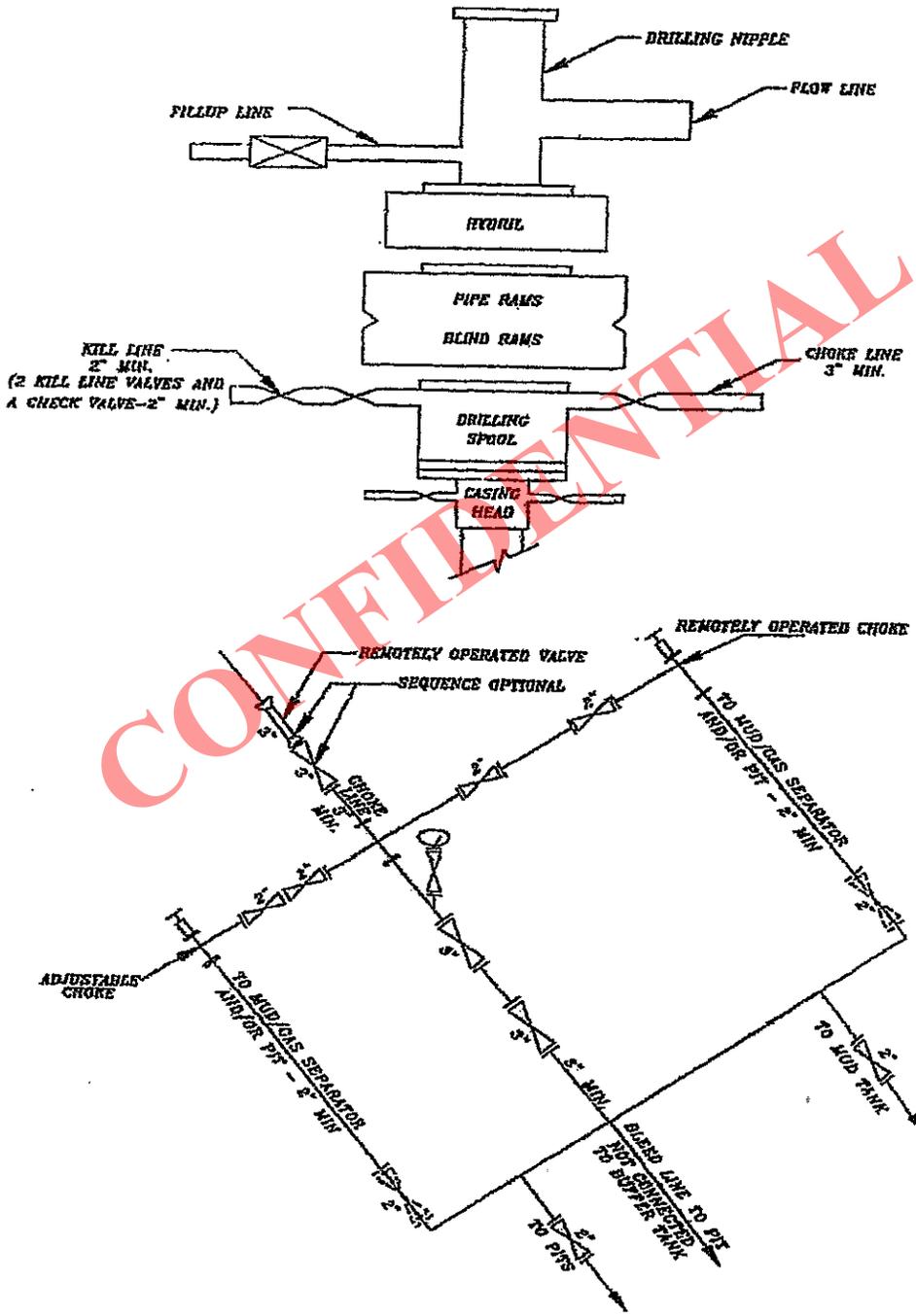


JERRY D. ALLRED AND ASSOCIATES

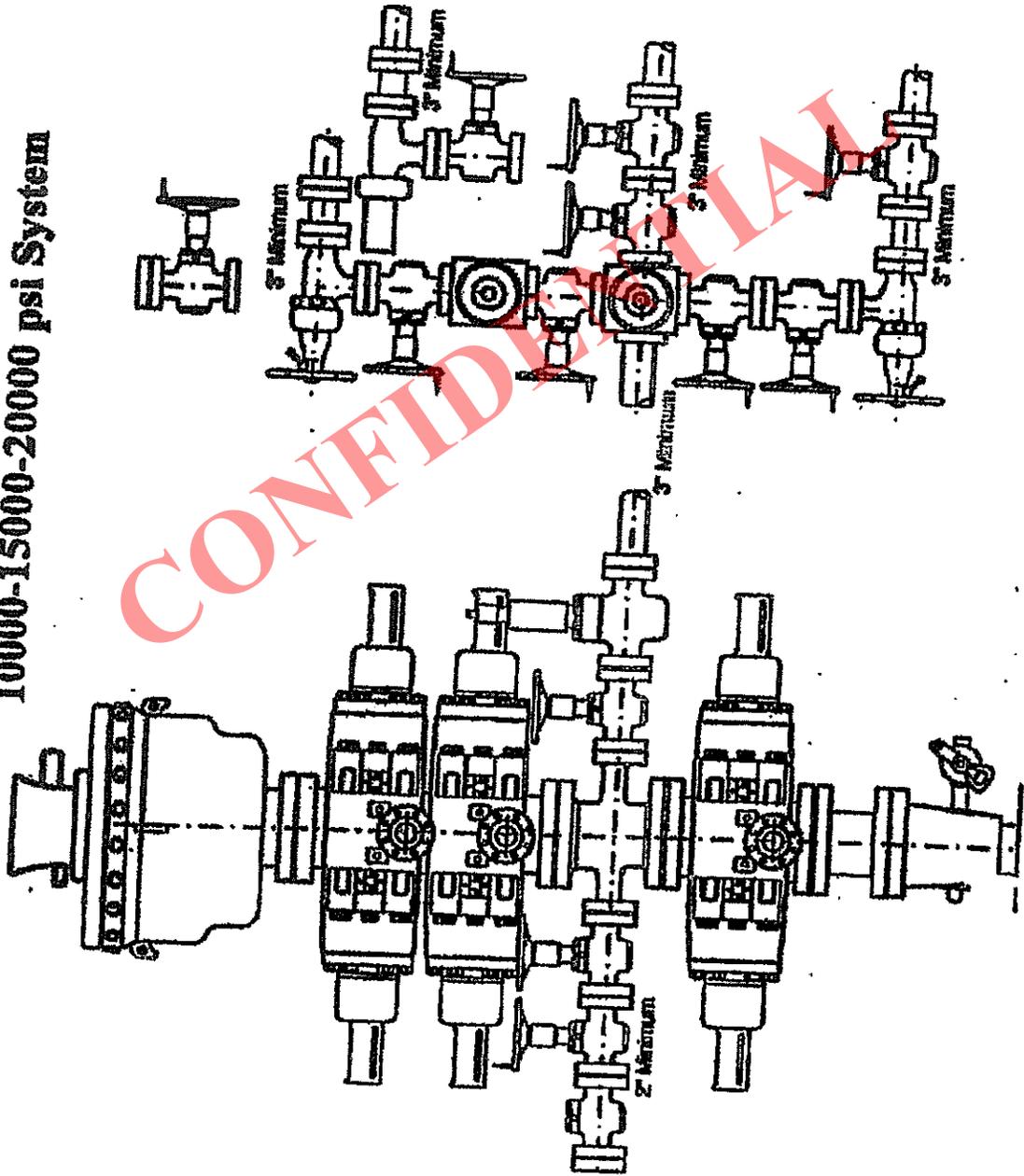
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5M BOP STACK and CHOKE MANIFOLD SYSTEM



10000-15000-20000 psi System

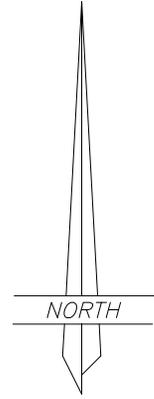
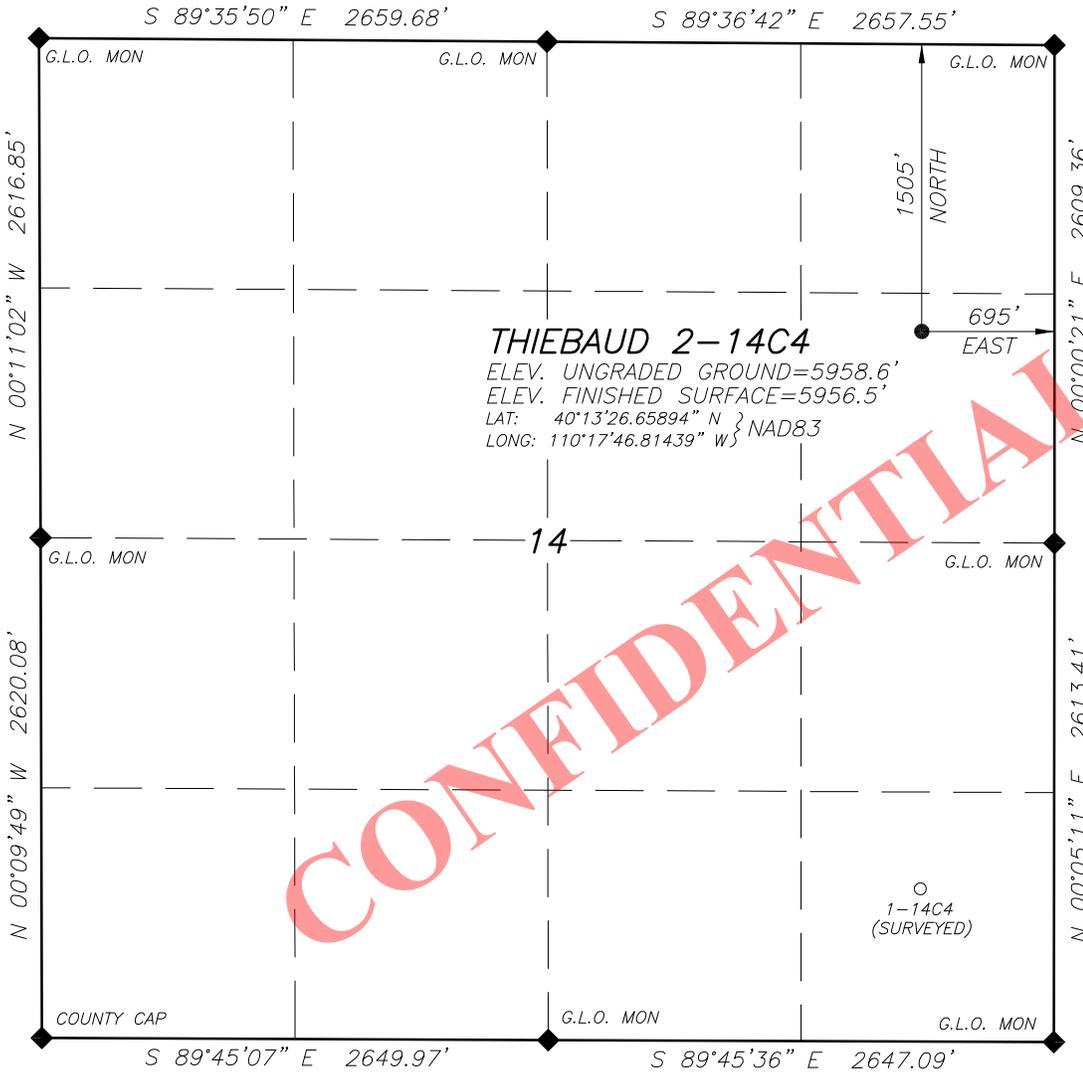


EP ENERGY E & P COMPANY, L.P.

WELL LOCATION

THIEBAUD 2-14C4

LOCATED IN THE SE¼ OF THE NE¼ OF SECTION 14, T3S, R4W, U.S.B.&M. DUCHESNE COUNTY, UTAH



SCALE: 1" = 1000'



NOTE:
NAD27 VALUES FOR WELL POSITION:
LAT: 40.224114494° N
LONG: 110.295627061° W

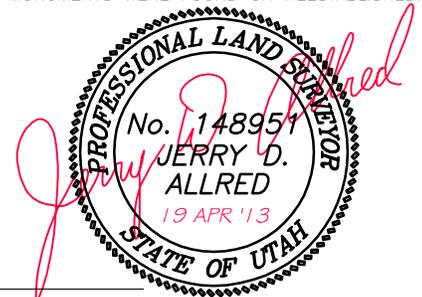
CONFIDENTIAL

LEGEND AND NOTES

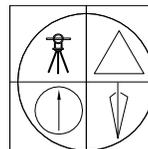
- ◆ CORNER MONUMENTS FOUND AND USED BY THIS SURVEY
THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS AS WAS THE U.S.G.S. MAP
THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT
THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT THE SECTION CORNER LOCATED AT LAT. 40°15'22.90258"N AND LONG. 110°23'21.19760"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER
BASIS OF ELEVATIONS: NAVD 88 DATUM USING THE UTAH REFERENCE NETWORK CONTROL SYSTEM

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM THE FIELD NOTES AND ELECTRONIC DATA COLLECTOR FILES OF AN ACTUAL SURVEY PERFORMED BY ME, OR UNDER MY PERSONAL SUPERVISION, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR REESTABLISHED.

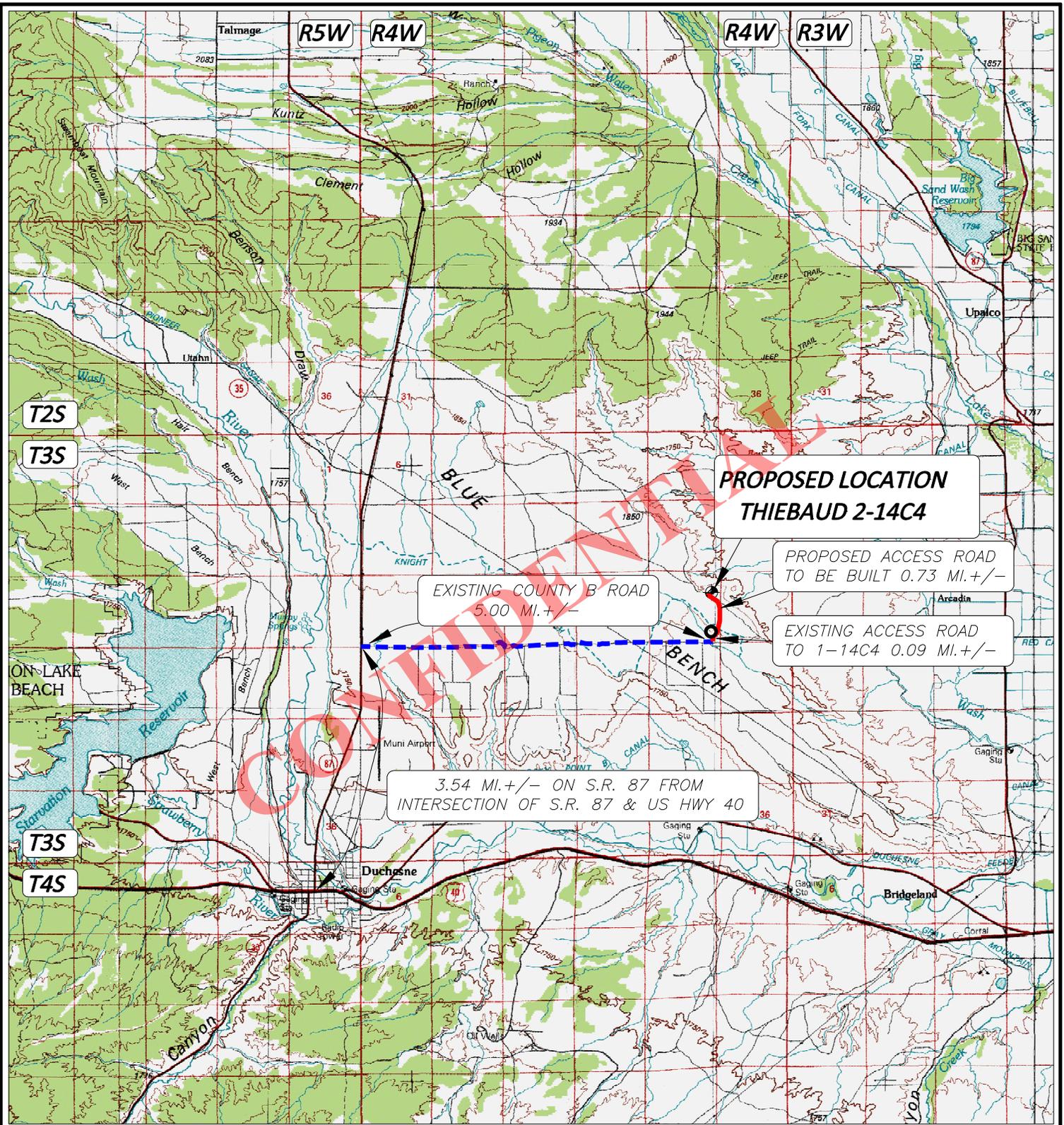


JERRY D. ALLRED, PROFESSIONAL LAND SURVEYOR, CERTIFICATE NO. 148951 (UTAH)



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352



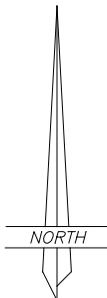
LEGEND:

● PROPOSED WELL LOCATION

01-128-391

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975
DUCHEсне, UTAH 84021
(435) 738-5352

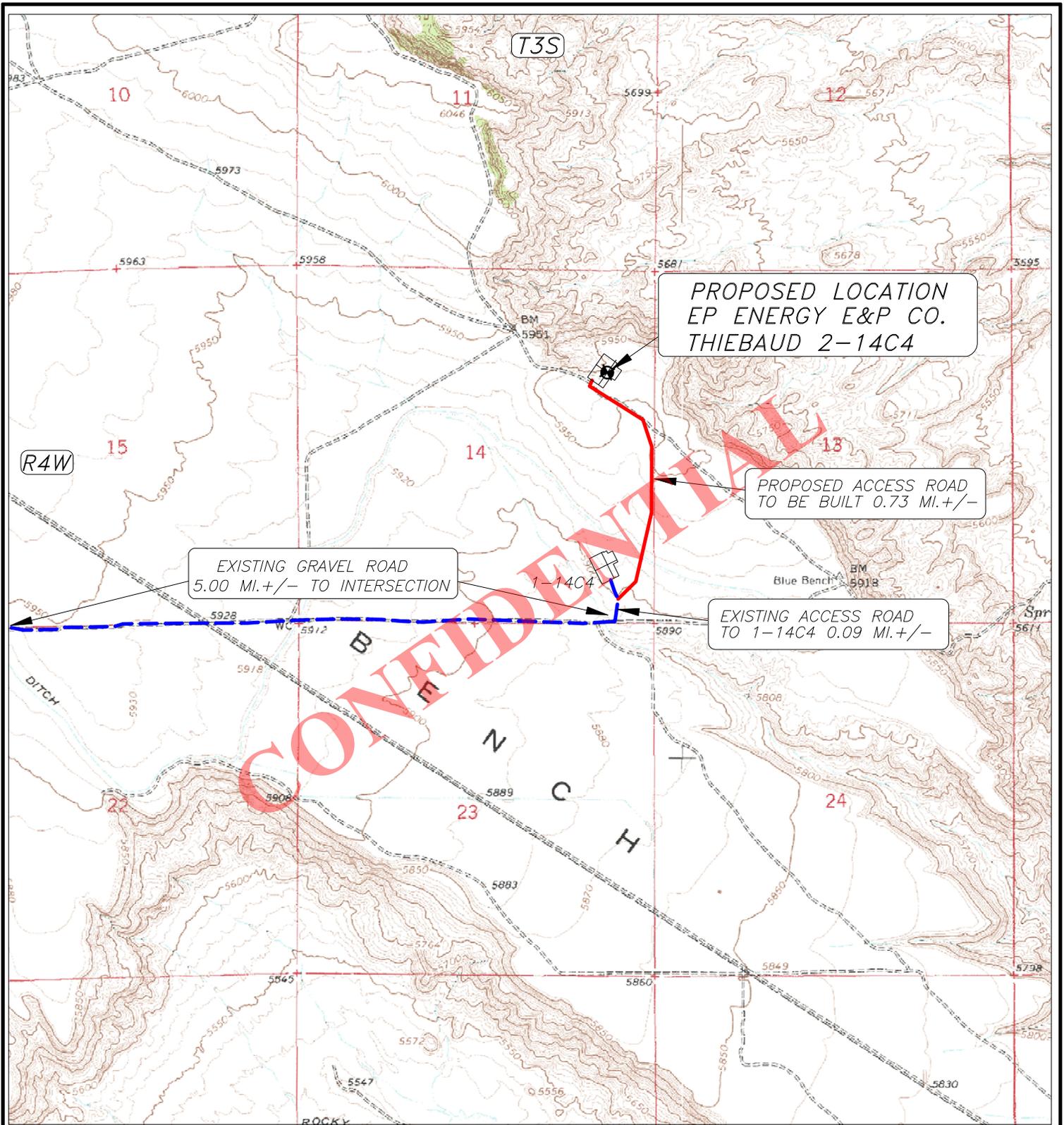


EP ENERGY E & P COMPANY, L.P.

THIEBAUD 2-14C4
SECTION 14, T3S, R4W, U.S.B.&M.
1505' FNL 695' FEL

TOPOGRAPHIC MAP "A"

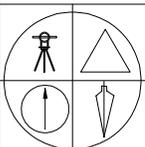
SCALE: 1"=10,000'
18 APR 2013



LEGEND:

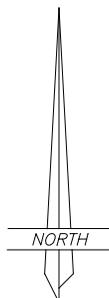
-  PROPOSED WELL LOCATION
-  PROPOSED ACCESS ROAD
-  EXISTING GRAVEL ROAD
-  EXISTING PAVED ROAD

01-128-391



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975
DUCHESTER, UTAH 84021
(435) 738-5352



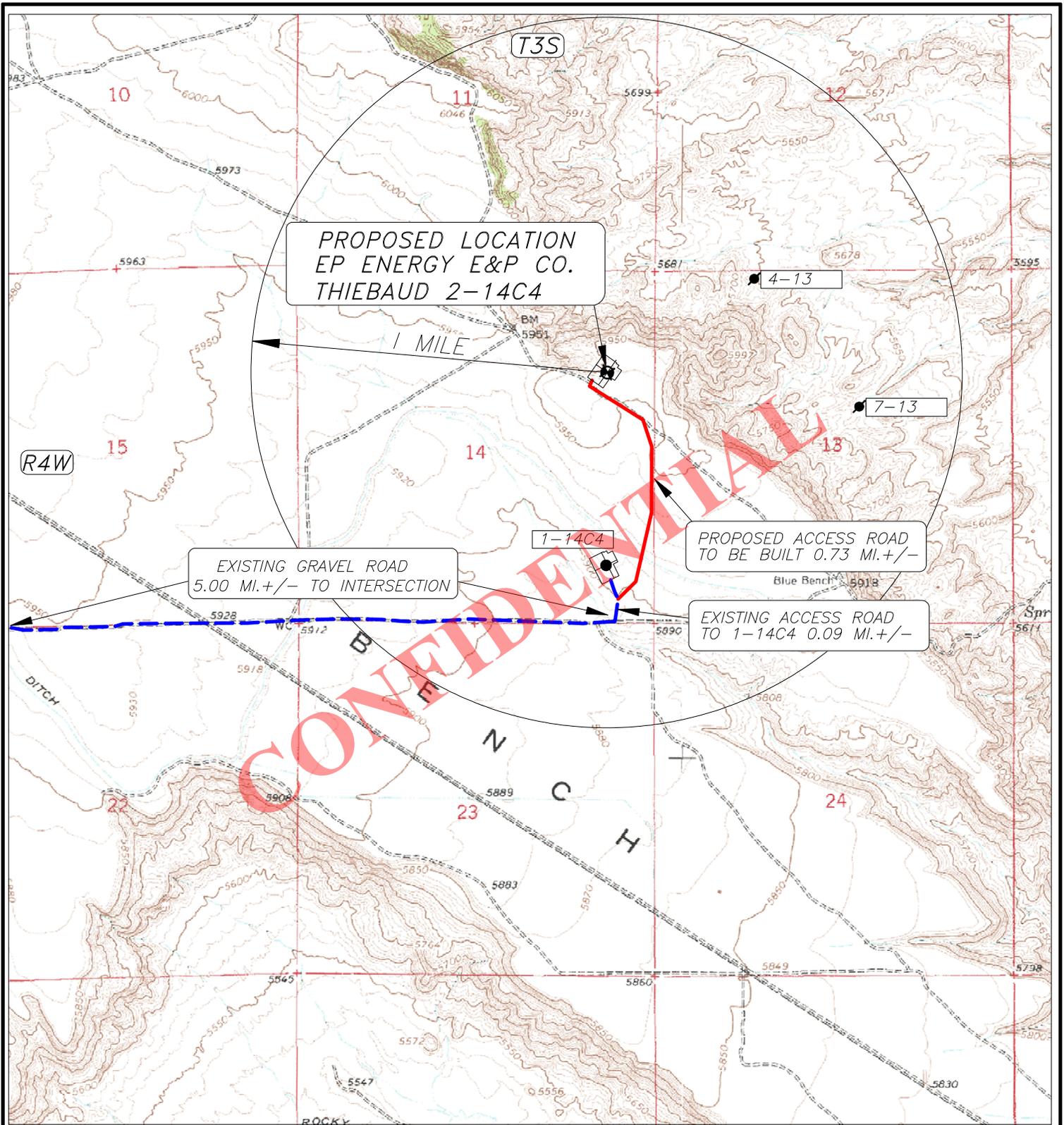
EP ENERGY E & P COMPANY, L.P.

THIEBAUD 2-14C4
SECTION 14, T3S, R4W, U.S.B.&M.

1505' FNL 695' FEL

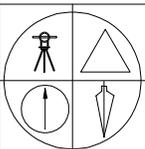
TOPOGRAPHIC MAP "B"

SCALE: 1"=2000'
18 APR 2013



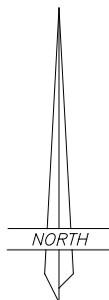
LEGEND:

-  PROPOSED WELL LOCATION
-  PROPOSED ACCESS ROAD
-  OTHER WELLS AS LOCATED FROM SUPPLIED MAP 01-128-391



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975
DUCHEсне, UTAH 84021
(435) 738-5352



EP ENERGY E & P COMPANY, L.P.

THIEBAUD 2-14C4
SECTION 14, T3S, R4W, U.S.B.&M.
1505' FNL 695' FEL

TOPOGRAPHIC MAP "C"

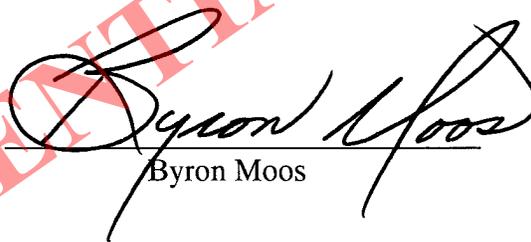
SCALE: 1"=2000'
18 APR 2013

AFFIDAVIT OF DAMAGE SETTLEMENT AND RELEASE

Byron Moos personally appeared before me, and, being duly sworn, deposes and says:

1. My name is Byron Moos. I am over the age of 21 and am an Independent Oil and Gas Landman under contract with Transcontinent Oil Company acting as agent 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 Thiebaud 2-14C4 well ("the Well") to be located in the E/2NE/4 of Section 14, Township 3 South, Range 4 West, USM, Duchesne County, Utah ("the Drill site Location"). The surface owners of the Drill site Location are Arnold Marion Thiebaud, Jr. and Doris Louise Thiebaud whose address is 421 North Emporia Avenue, Valley Center, KS 67147-2354. Telephone number 316-755-1672 and 316-259-7040 cell ("the Surface Owners").
3. EP Energy and the Surface Owners have entered into a Damage Settlement and Release Agreement dated May 23, 2013 to cover any and all injuries or damages of every character and description sustained by the Surface Owners or Surface Owner's property as a result of operations associated with the drilling, completion and producing the Well.

FURTHER AFFIANT SAYETH NOT.

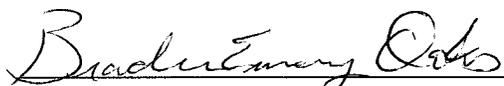

 Byron Moos

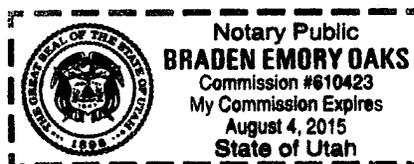
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ACKNOWLEDGMENT

STATE OF UTAH §
 §
 COUNTY OF DUCHESNE §

This instrument was acknowledged before me on this the 29th day of May, 2013 by Byron Moos as a Landman acting as agent 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.


 Notary Public in and for the State of Utah



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 .73 miles in length and 66 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 EXHIBIT C.

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

- Drilling water: Duchesne City Water

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

- There are no existing facilities that will be utilized for this well.
- A pipeline corridor .73 miles will parallel the proposed access road. The corridor will contain one 4 inch gas line and one 2 inch gas line and one 2 inch Salt Water disposal line. Rehabilitation of unneeded, previously disturbed areas will consist of backfilling and contouring the reserve pit area; backsloping 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. **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.

7. **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

8. **Ancillary Facilities:**

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

9. 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 September 15th, and prior to ground frost, or seed will be planted after the frost has left and before May 15th. Slopes to 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.

10. Surface Ownership:

Arnold Marion Thiebaud, Jr. and Doris Louise Thiebaud
421 North Emporia Avenue
Valley Center, Kansas 67147-2354
316-755-1672

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.
Wayne Garner
PO Box 410
Altamont, Utah 84001
435-454-3394 – Office
435-823-1490 – Cell

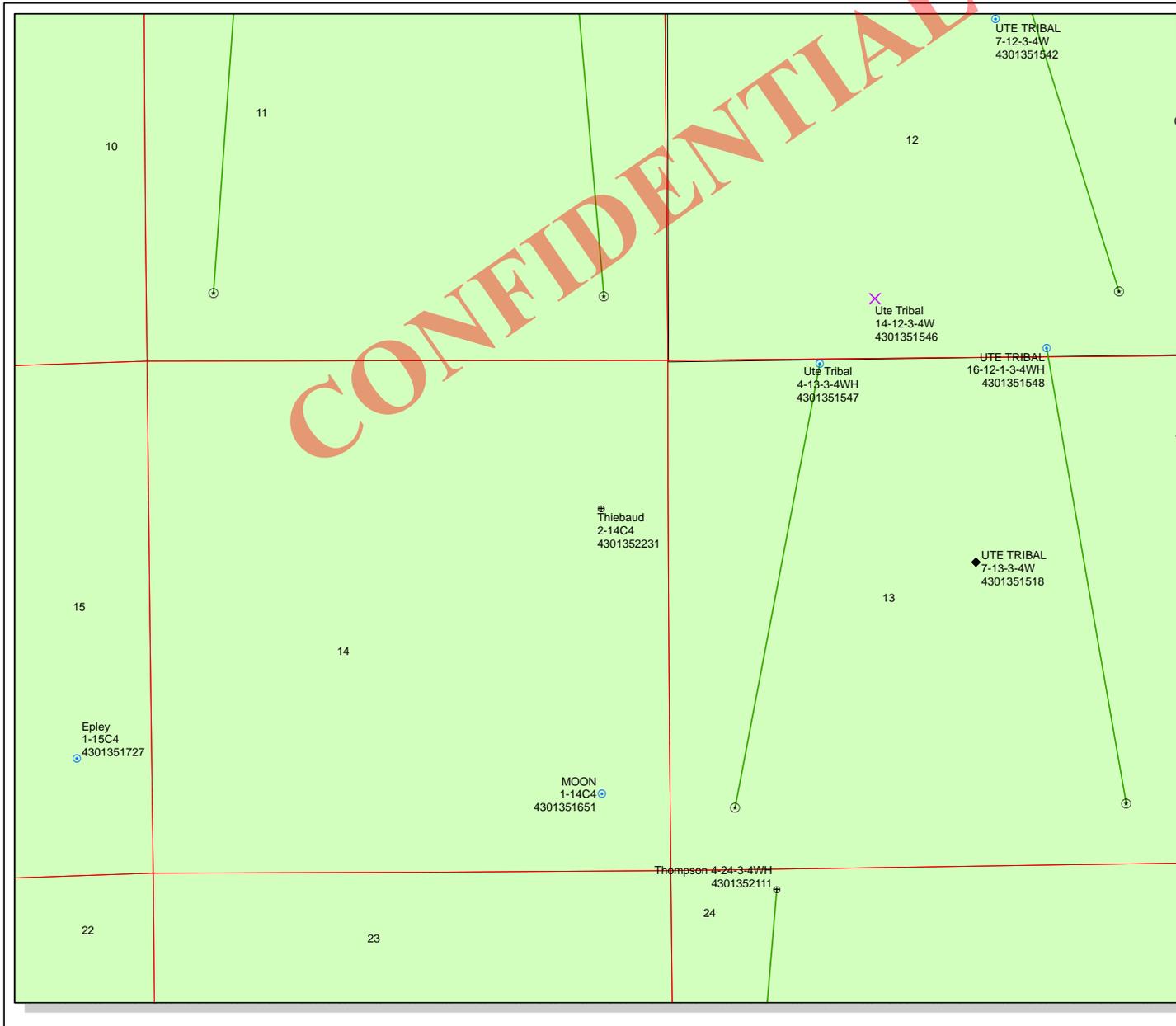
Regarding This APD

EP Energy E&P Company, L.P.
Maria S. Gomez
1001 Louisiana, Rm 2640A
Houston, Texas 77002
713-997-5038 – Office

Drilling

EP Energy E&P Company, L.P.
Brad MacAfee – Drilling Engineer
1001 Louisiana, Rm 2660D
Houston, Texas 77002
713-997-6383 – office
281-813-0902 – Cell

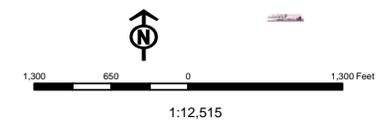
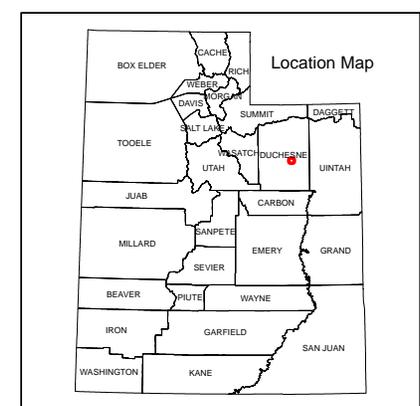
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API Number: 4301352231
Well Name: Thiebaud 2-14C4
Township T03.0S Range R04.0W Section 14
Meridian: UBM
 Operator: EP ENERGY E&P COMPANY, L.P.

Map Prepared:
 Map Produced by Diana Mason

- Units STATUS**
- ACTIVE
 - EXPLORATORY
 - GAS STORAGE
 - NF PP OIL
 - NF SECONDARY
 - PI OIL
 - PP GAS
 - PP GEOTHERM
 - PP OIL
 - SECONDARY
 - TERMINATED



Well Name	EP ENERGY E&P COMPANY, L.P. Thiebaud 2-14C4 43013522310000			
String	Cond	Surf	I1	L1
Casing Size(")	13.375	9.625	7.000	5.000
Setting Depth (TVD)	800	2500	9150	12100
Previous Shoe Setting Depth (TVD)	0	800	2500	9150
Max Mud Weight (ppg)	9.0	9.5	10.3	13.7
BOPE Proposed (psi)	1000	1000	5000	10000
Casing Internal Yield (psi)	2730	5750	11220	13940
Operators Max Anticipated Pressure (psi)	8620			13.7

Calculations	Cond String	13.375	"
Max BHP (psi)	.052*Setting Depth*MW=	374	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	278	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	198	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	198	NO OK
Required Casing/BOPE Test Pressure=		800	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

Calculations	Surf String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	1285	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	935	YES 4.5
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	685	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	861	NO OK
Required Casing/BOPE Test Pressure=		2500	psi
*Max Pressure Allowed @ Previous Casing Shoe=		800	psi *Assumes 1psi/ft frac gradient

Calculations	I1 String	7.000	"
Max BHP (psi)	.052*Setting Depth*MW=	4901	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3803	YES 5M BOPE, 5M kill lines & choke manifold
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2888	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3438	NO OK
Required Casing/BOPE Test Pressure=		7854	psi
*Max Pressure Allowed @ Previous Casing Shoe=		2500	psi *Assumes 1psi/ft frac gradient

Calculations	L1 String	5.000	"
Max BHP (psi)	.052*Setting Depth*MW=	8620	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	7168	YES 10M BOPE w/rotating head, 5M annular,
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	5958	YES blind rams & mud cross
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	7971	YES OK
Required Casing/BOPE Test Pressure=		9758	psi
*Max Pressure Allowed @ Previous Casing Shoe=		9150	psi *Assumes 1psi/ft frac gradient

43013522310000 Thiebaud 2-14C4

Casing Schematic

Surface

13-3/8"
MW 9.

9-5/8"
MW 9.5
Frac 19.3

7"
MW 10.3
Frac 19.3

5"
MW 13.7

TOC @
0.

TOC @
0.

Conductor
800. MD

Surface
2500. MD

3774' Green River

to 2045' @ 2% w/o tail 8110'
* Proposed to 2600'

TOC @
4520.

5064' Green River (GRTNI)

6014' Mahogany Bench

7314' Lower Green River (TGR3)

8473' tail

TOL @
8950.

9114' Wasatch

Intermediate
9150. MD

TOC @
9815.

to TOL @ 4% w/o

Production Liner
12100. MD

12%

10%

15%

CONFIDENTIAL

✓ Slip cuts.

Ducharme Rivr ✓

1420' BMSW (EP Energy)
1977' tail * slip ✓
2000' ± BMSW

* slip ✓

✓

Well name:	43013522310000 Thiebaud 2-14C4		
Operator:	EP ENERGY E&P COMPANY, L.P.		
String type:	Conductor	Project ID:	43-013-52231
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 9.000 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 85 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 278 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 374 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.60 (B)

Non-directional string.

Tension is based on air weight.
 Neutral point: 694 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	800	13.375	54.50	J-55	ST&C	800	800	12.49	9926
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	374	1130	3.021	374	2730	7.30	43.6	514	11.79 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Mining

Phone: 801-538-5357
 FAX: 801-359-3940

Date: August 5, 2013
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 800 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013522310000 Thiebaud 2-14C4	
Operator:	EP ENERGY E&P COMPANY, L.P.	
String type:	Surface	Project ID: 43-013-52231
Location:	DUCHESNE COUNTY	

Design parameters:

Collapse

Mud weight: 9.500 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 1,950 psi
Internal gradient: 0.220 psi/ft
Calculated BHP: 2,500 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 2,146 ft

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 109 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: Surface

Non-directional string.

Re subsequent strings:

Next setting depth: 9,500 ft
Next mud weight: 10.300 ppg
Next setting BHP: 5,083 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,500 ft
Injection pressure: 2,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	2500	9.625	40.00	N-80	LT&C	2500	2500	8.75	31808
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	1234	3090	2.505	2500	5750	2.30	100	737	7.37 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: August 5, 2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2500 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013522310000 Thiebaud 2-14C4	
Operator:	EP ENERGY E&P COMPANY, L.P.	
String type:	Intermediate	Project ID: 43-013-52231
Location:	DUCHESNE COUNTY	

Design parameters:**Collapse**

Mud weight: 10.300 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 202 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Burst:

Design factor 1.00

Cement top: 4,520 ft

Burst

Max anticipated surface pressure: 5,949 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 7,962 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 7,724 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 12,100 ft
Next mud weight: 13.700 ppg
Next setting BHP: 8,611 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 9,150 ft
Injection pressure: 9,150 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	9150	7	29.00	HCP-110	LT&C	9150	9150	6.059	103327
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4896	9200	1.879	7962	11220	1.41	265.4	797	3.00 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801-538-5357
FAX: 801-359-3940

Date: August 5, 2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9150 ft, a mud weight of 10.3 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013522310000 Thiebaud 2-14C4		
Operator:	EP ENERGY E&P COMPANY, L.P.		
String type:	Production Liner	Project ID:	43-013-52231
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 13.700 ppg
 Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 5,949 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP: 8,611 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor: 1.125

Burst:

Design factor: 1.00

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.60 (B)

Tension is based on air weight.
 Neutral point: 11,453 ft

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 243 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft

Cement top: 9,815 ft

Liner top: 8,950 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	3100	5	18.00	HCP-110	LT&C	12100	12100	4.151	22403
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	8611	13470	1.564	8611	13940	1.62	55.8	495	8.87 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Mining

Phone: 801 538-5357
 FAX: 801-359-3940

Date: August 5, 2013
 Salt Lake City, Utah

Remarks:

For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 12100 ft, a mud weight of 13.7 ppg. The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator EP ENERGY E&P COMPANY, L.P.
Well Name Thiebaud 2-14C4
API Number 43013522310000 **APD No** 8174 **Field/Unit** ALTAMONT
Location: 1/4,1/4 SENE **Sec** 14 **Tw** 3.0S **Rng** 4.0W 1505 FNL 695 FEL
GPS Coord (UTM) 559866 4452863 **Surface Owner** Arnold & Doris Thiebaud

Participants

Jared Thacker & Heather Ivie (E&P Energy); Dennis Ingram (Oil, Gas & Mining)

Regional/Local Setting & Topography

The Thiebaud 2-14C4 well has been proposed in northeastern Utah, approximately eight miles northeast of Duchesne on Blue Bench. The surface is relatively flat and slopes gently to the southeast with the cut and fill sheet showing only a couple feet difference from end to end. West of this site, the topography doesn't change much until it reaches the Duchesne River Valley some 5.5 miles; the eastern shore of Starvation Reservoir is found another 1.5 miles further west. To the south, Blue Bench slopes gently for a couple more miles until it breaks off into the Duchesne River Drainage which is running east at that point. The topography to the east of this proposed wellsite begins a drop in elevation as the surface becomes the Lake Fork River Drainage, which has farmlands sprinkled throughout.

Surface Use Plan

Current Surface Use

Recreational
Wildlife Habitat

New Road Miles

0.73

Well Pad

Width 342 **Length** 425

Src Const Material

Onsite

Surface Formation

UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Sagebrush, grass, and prickly pear cactus; mule deer, coyote, rabbit, prairie dog, smaller mammals, and birds native to region minus perching areas.

Soil Type and Characteristics

Fine-grained, reddish blow sand

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required? N**Berm Required? Y**

Location

Erosion Sedimentation Control Required? N**Paleo Survey Run? N Paleo Potential Observed? N Cultural Survey Run? N Cultural Resources? N****Reserve Pit****Site-Specific Factors****Site Ranking**

Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	High permeability	20
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score		25

1 Sensitivity Level

Characteristics / Requirements

The reserve pit is proposed immediately off the east side of the location in cut, measuring 110' wide by 150' long by 12 feet deep, with prevailing winds from the west.

Closed Loop Mud Required? Liner Required? Y Liner Thickness 20 Pit Underlayment Required?**Other Observations / Comments**

Surface slopes to the southeast, a side canyon from this bench breaks off to the west near corner number one, and shows a 14'4" fill, reserve pit on east side in cut.

Dennis Ingram
Evaluator

7/15/2013
Date / Time

**Application for Permit to Drill
Statement of Basis
Utah Division of Oil, Gas and Mining**

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
8174	43013522310000	LOCKED	OW	P	No
Operator	EP ENERGY E&P COMPANY, L.P.		Surface Owner-APD	Arnold & Doris Thiebaud	
Well Name	Thiebaud 2-14C4		Unit		
Field	ALTAMONT		Type of Work	DRILL	
Location	SENE 14 3S 4W U 1505 FNL (UTM) 559869E 4452861N		695 FEL	GPS Coord	

Geologic Statement of Basis

El Paso proposes to set 800 feet of conductor and 2,500 feet of surface casing both of which will be cemented to surface. The surface and intermediate holes will be drilled utilizing fresh water mud. The estimated depth to the base of moderately saline ground water is 2,000 feet. A search of Division of Water Rights records indicates that there are 4 water wells within a 10,000 foot radius of the center of Section 16. These wells probably produce water from the Duchesne River Formation. Depths of the wells fall in the range of 300-650 feet. The wells are listed as being used for irrigation, stock watering and domestic. The proposed drilling, casing and cement program should adequately protect the highly used Duchesne River aquifer.

Brad Hill
APD Evaluator

7/31/2013
Date / Time

Surface Statement of Basis

A presite meeting was scheduled and performed on July 15, 2013 to take input and address issues regarding the construction and drilling of the Thiebaud 2-14C4. Arnold and Doris Thiebaud were shown as the landowner of record, and three attempts were made to contact and invite them to the presite meeting. None of my phone messages were ever returned. A landowner agreement is in place between the surface owner and the operator.

This proposed well pad is set on the eastern edge of Blue Bench, in relatively flat ground that slopes gently to the southeast. However, a side canyon does head or begin on the western portion of this pad at corner number 1 that will require 14.4 feet of fill. The reserve pit is proposed immediately off the eastern portion of the pad in cut, in sandy soils. Therefore, the operator shall install a 20 mil synthetic liner as shown in their operational plan to prevent fluids from subbing away. A silt fence catchment may need installed below the toe of the fill slope off corner number 1 to prevent sediment from continuing down the canyon. The location shall also be bermed to prevent any potential spills from leaving the wellsite.

Dennis Ingram
Onsite Evaluator

7/15/2013
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 20 mils shall be properly installed and maintained in the reserve pit.

Pits	The reserve pit should be located on the east side of the location.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Silt fencing below the toe of corner number one to prevent fill slope from washing down the canyon.

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WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 6/5/2013

API NO. ASSIGNED: 43013522310000

WELL NAME: Thiebaud 2-14C4

OPERATOR: EP ENERGY E&P COMPANY, L.P. (N3850)

PHONE NUMBER: 713 997-5038

CONTACT: Maria S. Gomez

PROPOSED LOCATION: SENE 14 030S 040W

Permit Tech Review:

SURFACE: 1505 FNL 0695 FEL

Engineering Review:

BOTTOM: 1505 FNL 0695 FEL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.22404

LONGITUDE: -110.29632

UTM SURF EASTINGS: 559869.00

NORTHINGS: 4452861.00

FIELD NAME: ALTAMONT

LEASE TYPE: 4 - Fee

LEASE NUMBER: Fee

PROPOSED PRODUCING FORMATION(S): GREEN RIVER(LWR)-WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: STATE/FEE - 400JU0708
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: Duchesne City
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingling Approved

LOCATION AND SITING:

- R649-2-3.
- Unit:
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: Cause 139-90
- Effective Date: 5/9/2012
- Siting: 4 Prod LGRRV-WSTC Wells
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhll
8 - Cement to Surface -- 2 strings - hmacdonald
12 - Cement Volume (3) - hmacdonald



GARY R. HERBERT
Governor

GREGORY S. BELL
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

Permit To Drill

Well Name: Thiebaud 2-14C4
API Well Number: 43013522310000
Lease Number: Fee
Surface Owner: FEE (PRIVATE)
Approval Date: 8/12/2013

Issued to:

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

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-90. The expected producing formation or pool is the GREEN RIVER(LWR)-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volumes for the 13 3/8" and 9 5/8" casing strings shall be determined from actual hole diameters in order to place cement from the pipe setting depths back to the surface.

Cement volume for the 7" intermediate string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 2000' MD as indicated in the submitted drilling plan.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
at <http://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
- contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

Approved by:

A handwritten signature in black ink, appearing to read "J. Rogers", written in a cursive style.

For John Rogers
Associate Director, Oil & Gas



Alexis Huefner < alexishuefner@utah.gov >

24 Hr notification after Spudding of the following well: Thiebaud 2-14C4

1 message

RLANDRIG008 < RLANDRIG008@epenergy.com >

Thu, Nov 7, 2013 at 5:20 AM

To: Alexis Huefner <alexishuefner@utah.gov>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, Carol Daniels <caroldaniels@utah.org>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "Morales, Lisa" <Lisa.Morales@epenergy.com>, Maria Gomes <Maria.Gomes@epenergy.com>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>, "Gaydos, Tommy L" <Tommy.Gaydos@epenergy.com>

Oct. 18, 2013

This is 24 Hrs. notice after Spudding the following well.

CONFIDENTIAL

Well: Thiebaud 2-14C4

API # 43013522310000

Duchesne County

1505 FAL 645 FEL

SENE 14 35 4W

Rig: Leon Ross, Bucket Rig #33

Steven Murphy

EP Energy LLC

Rig Site Supervisor

C: 435-823-1725

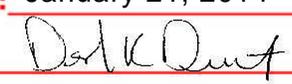
THIS E-MAIL AND ANY MATERIALS TRANSMITTED WITH IT MAY CONTAIN CONFIDENTIAL OR PROPRIETARY MATERIAL FOR THE SOLE USE OF THE INTENDED RECIPIENT. ANY REVIEW, USE, DISTRIBUTION OR DISCLOSURE BY OTHERS IS STRICTLY PROHIBITED. IF YOU ARE NOT THE INTENDED RECIPIENT, OR AUTHORIZED TO RECEIVE THE INFORMATION FROM THE RECIPIENT, PLEASE NOTIFY THE SENDER BY REPLY E-MAIL AND DELETE ALL COPIES OF THIS MESSAGE.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	8. WELL NAME and NUMBER: Thiebaud 2-14C4
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1505 FNL 0695 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 14 Township: 03.0S Range: 04.0W Meridian: U	9. API NUMBER: 43013522310000
PHONE NUMBER: 713 997-5038 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
COUNTY: DUCHESNE	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 1/22/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Initial Completion"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Please see attached for initial completion into the Wasatch.

Approved by the Utah Division of Oil, Gas and Mining
Date: January 21, 2014
By: 

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 1/21/2014	

Thiebaud 2-14C4
Initial Completion
API #: 43-013-522310000

The following precautions will be taken until the RCA for the Conover is completed:

1. Review torque turning and running of the 7" and 5" liner of anomalies.
2. Test and chart casing for 30 minutes, noting pressure if any on surface casing.
3. Test all lubricators, valves and BOP's to working pressure.
4. Wellhead isolation tools will continue to be used to isolate the wellhead during the frac.
5. Monitor the surface casing during frac:
 - a. Lay a flowline to the flow back tank and keep the valve open.
 - b. This line will remain in place until a wire line set retrievable packer is in place isolating the 5" casing from the 7" after the frac.
6. 2 7/8" tubing will be run to isolate the 7" casing during the flow back of the well.
7. Well pressure and annulus pressure would be monitored during this time until the well is ready for pump.

Completion Information (Wasatch Formation)

- Stage 1: RU WL unit with 10K lubricator and test to 10,000 psi with water. Perforations from ~**11,337' – 11,644'** with ~5,000 gallons of 15% HCL acid, ~3,000# of 100 mesh sand and ~150,000# PowerProp 20/40.
- Stage 2: RU 10K lubricator and test to 10,000 psi with water. Set 10K CBP @ ~11,286'. Test CBP and casing to 8500 psi. Perforations from ~**11,907' – 11,274'** with ~5,000 gallons of 15% HCL acid, ~3,000# of 100 mesh sand and ~140,000# PowerProp 20/40.
- Stage 3: RU WL unit with 10K lubricator and test to 10,000 psi with water. Set 10K CBP @ ~10,892'. Test CBP and casing to 8500 psi. Perforations from ~**10,611' – 10,883'** with ~5,000 gallons of 15% HCL acid, ~3,000# of 100 mesh sand and ~150,000# PowerProp 20/40.
- Stage 4: RU 10K lubricator and test to 10,000 psi with water. Set 10K CBP @ ~10,556'. Test CBP and casing to 8500 psi. Perforations from ~**10,284' – 10,546'** with ~5,000 gallons of 15% HCL acid, ~3,000# of 100 mesh sand and ~155,000# TLC 20/40.
- Stage 5: RU 10K lubricator and test to 10,000 psi with water. Set 10K CBP @ ~10,262'. Test CBP and casing to 8500 psi. Perforations from ~**10,012' – 10,252'** with ~5,000 gallons of 15% HCL acid, ~3,000# of 100 mesh sand and ~160,000# TLC 20/40.
- Stage 6: RU 10K lubricator and test to 10,000 psi with water. Set 10K CBP @ ~9,998'. Test CBP and casing to 8500 psi. Perforations from ~**9,713' – 9,988'** with ~5,000 gallons of 15% HCL acid, ~3,000# of 100 mesh sand and ~160,000# TLC 20/40.

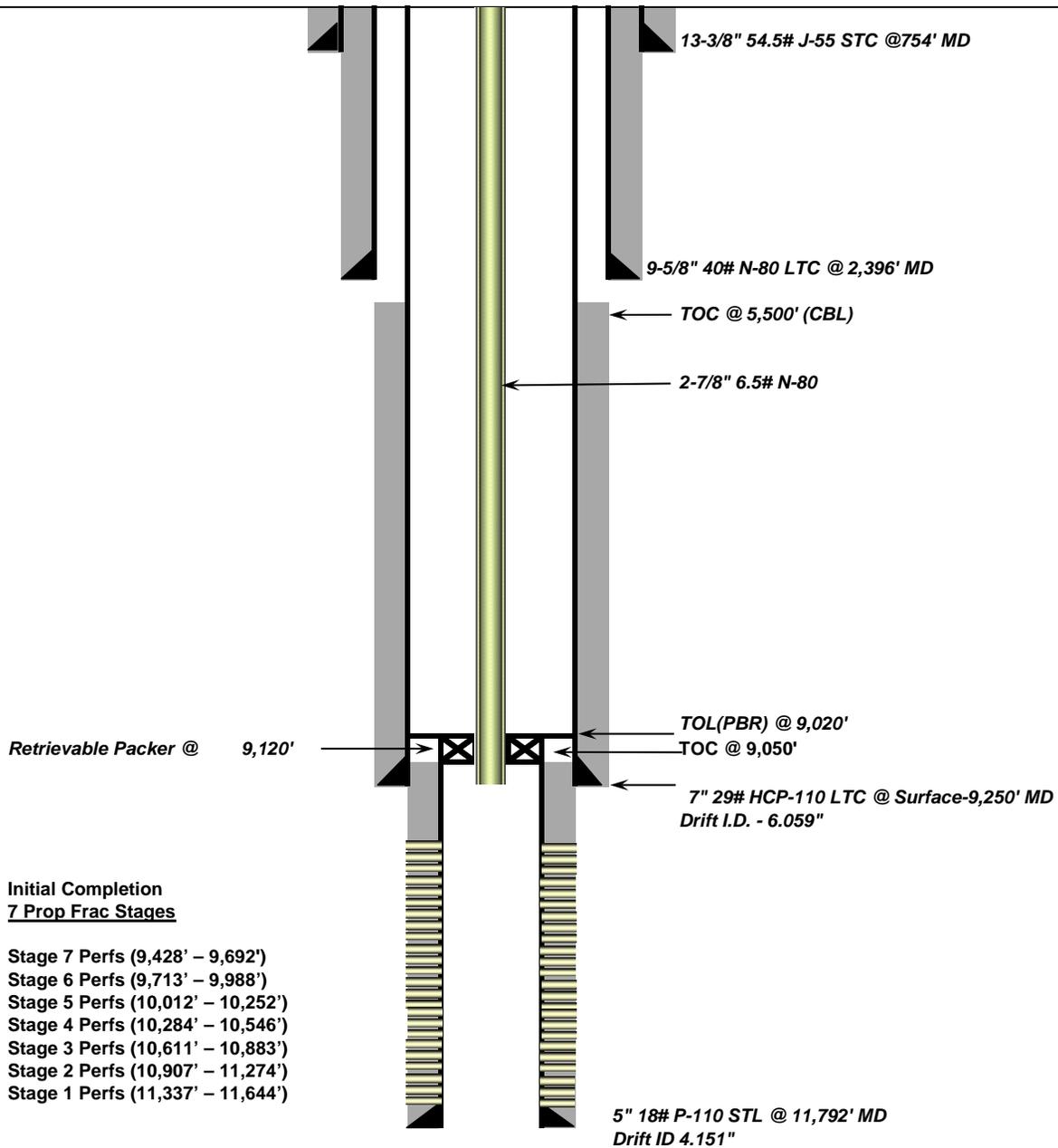
Stage 7: RU 10K lubricator and test to 10,000 psi with water. Set 10K CBP @ ~9,702'. Test CBP and casing to 8500 psi. Perforations from ~**9,428'** – **9,692'** with ~5,000 gallons of 15% HCL acid, ~3,000# of 100 mesh sand and ~150,000# TLC 20/40.



Initial Completion Wellbore Schematic

Company Name: EP Energy
 Well Name: **Thiebaud 2-14 C4**
 Field, County, State: Altamont - Bluebell, Duchesne, Utah
 Surface Location: Lat: 40°13'26.65894" N Long: 110°17'46.81439" W
 Producing Zone(s): Wasatch

Last Updated: 12/5/2013
 By: Mohammad Siddiqui
 TD: 11,792'
 BHL: _____
 Elevation: _____



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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:	
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR: EP Energy E&P Company, L.P.		7. UNIT or CA AGREEMENT NAME	
3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002		8. WELL NAME and NUMBER: Thiebaud 2-14C4	
PHONE NUMBER: (713) 997-5038		9. API NUMBER: 4301352231	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1505 FNL & 695 FEL AT TOP PRODUCING INTERVAL REPORTED BELOW: 1505 FNL & 695 FEL AT TOTAL DEPTH: 1505 FNL & 695 FEL		10 FIELD AND POOL, OR WILDCAT Altamont	
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 14 3S 4W U		12. COUNTY Duchesne	
		13. STATE UTAH	

14. DATE SPUDED: 11/3/2013	15. DATE T.D. REACHED: 11/27/2013	16. DATE COMPLETED: 1/26/2014	ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 5957
18. TOTAL DEPTH: MD 11,800 TVD 11,772	19. PLUG BACK T.D.: MD TVD	20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD PLUG SET: TVD
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) Sonic, Gamma Ray, Resistivity & Neutron Density			23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit copy)	

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
17.5	13.375 J55	54.5	0	756		G 815	945	0	
12.25	9.625 N80	40	0	2,396		G 570	1,267	0	
8.75	7" P110	29	0	9,246		G 405	1,365	0	
6.125	5 HCP	18	9,020	11,800		G 164	241	9020	
	110								

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	9,140	9,129						

26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) Wasatch	9,177	11,644	9,155	11,617	11,337 11,644		69	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(B)					10,907 11,274		69	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)					10,611 10,883		69	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)					10,284 10,546		69	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. See attached for further information on #27 & #28.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
11337-11644	5000 gal 15% HCL acid, 3000# 100 mesh, 148800# 20/40 PowerProp
10907-11274	5000 gal 15% HCL acid, 3000# 100 mesh, 141050# 20/40 PowerProp
10611-10883	5000 gal 15% HCL acid, 3000# 100 mesh, 152490# 20/40 PowerProp

29. ENCLOSED ATTACHMENTS: All logs are submitted to UDOGM by vendor.

<input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS	<input type="checkbox"/> GEOLOGIC REPORT	<input type="checkbox"/> DST REPORT	<input type="checkbox"/> DIRECTIONAL SURVEY
<input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION	<input type="checkbox"/> CORE ANALYSIS	<input type="checkbox"/> OTHER: _____	

30. WELL STATUS:
Prod

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 1/27/2014		TEST DATE: 2/7/2014		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 802	GAS - MCF: 525	WATER - BBL: 544	PROD. METHOD: Flowing
CHOKE SIZE: 16	TBG. PRESS. 2,129	CSG. PRESS. 0	API GRAVITY 44.50	BTU - GAS	GAS/OIL RATIO 1	24 HR PRODUCTION RATES: →	OIL - BBL: 802	GAS - MCF: 525	WATER - BBL: 544	INTERVAL STATUS: Producing

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Upper Green River	4,382
				Middle Green River	6,068
				Lower Green River	7,361
				Wasatch	9,177

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Maria S. Gomez TITLE Principal Regulatory Analyst
 SIGNATURE *Maria S. Gomez* DATE 2/25/2014

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340
 1594 West North Temple, Suite 1210
 Box 145801 Fax: 801-359-3940
 Salt Lake City, Utah 84114-5801

Attachment to Well Completion Report**Form 8 Dated February 25, 2014****Well Name: Thiebaud 2-14C4****Items #27 and #28 Continued****27. Perforation Record**

Interval (Top/Bottom – MD)	Size	No. of Holes	Perf. Status
10012'-10252'		69	Open
9713'-9988'		69	Open
9428'-9692'		69	Open

28. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10284'-10546'	5000 gal acid, 3000# 100 mesh, 154700# 20/40 TLC
10012'-10252'	5000 gal acid, 3000# 100 mesh, 159200# 20/40 TLC
9713'-9988'	5000 gal acid, 3000# 100 mesh, 158950# 20/40 TLC
9428'-9692'	5000 gal acid, 3540# 100 mesh, 151430# 20/40 TLC



Company: EP Energy **Job Number:** _____
Well: Thiebaud 2-14C4 **Mag Decl.:** _____
Location: Duchesne, UT **Dir Driller:** _____
Rig: Precision 404 **MWD Eng:** _____
Calculation Method Minimum Curvature
Proposed Azimuth 0.00
Depth Reference KB
Tie Into: Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')		
							N/S (ft)	E/W (ft)	Distance (ft)	Direction Azimuth					
Tie In	0.00	0.00	0.00												
1	100.00	0.43	135.13	100.00	100.00	-0.27	0.27	S	0.26	E	0.37	135.13	0.43	0.43	135.13
2	200.00	0.27	125.75	100.00	200.00	-0.67	0.67	S	0.72	E	0.98	132.90	0.17	-0.16	-9.38
3	300.00	0.41	155.58	100.00	300.00	-1.13	1.13	S	1.06	E	1.55	136.94	0.22	0.14	29.83
4	400.00	0.62	217.80	100.00	399.99	-1.89	1.89	S	0.87	E	2.08	155.21	0.56	0.21	62.22
5	500.00	0.73	189.70	100.00	499.99	-2.94	2.94	S	0.43	E	2.98	171.68	0.34	0.11	-28.10
6	600.00	1.00	215.62	100.00	599.97	-4.28	4.28	S	0.19	W	4.29	182.48	0.47	0.27	25.92
7	700.00	0.65	208.74	100.00	699.96	-5.49	5.49	S	0.97	W	5.57	189.99	0.37	-0.35	-6.88
8	800.00	1.06	220.43	100.00	799.95	-6.69	6.69	S	1.84	W	6.94	195.37	0.45	0.41	11.69
9	900.00	1.27	218.50	100.00	899.93	-8.27	8.27	S	3.13	W	8.84	200.75	0.21	0.21	-1.92
10	1000.00	2.10	221.11	100.00	999.89	-10.52	10.52	S	5.03	W	11.66	205.55	0.83	0.83	2.61
11	1100.00	2.99	229.56	100.00	1099.79	-13.59	13.59	S	8.22	W	15.88	211.17	0.97	0.89	8.45
12	1200.00	3.96	233.48	100.00	1199.60	-17.34	17.34	S	12.98	W	21.66	216.83	1.00	0.97	3.91
13	1300.00	4.96	233.21	100.00	1299.30	-21.98	21.98	S	19.22	W	29.20	221.17	1.00	1.00	-0.27
14	1400.00	5.97	239.00	100.00	1398.84	-27.25	27.25	S	27.14	W	38.46	224.88	1.15	1.01	5.79
15	1500.00	6.90	239.03	100.00	1498.21	-33.02	33.02	S	36.75	W	49.40	228.06	0.93	0.93	0.03
16	1600.00	7.79	241.95	100.00	1597.39	-39.30	39.30	S	47.88	W	61.94	230.62	0.96	0.89	2.92
17	1700.00	8.67	245.08	100.00	1696.36	-45.66	45.66	S	60.69	W	75.95	233.05	0.98	0.88	3.12
18	1800.00	9.43	248.59	100.00	1795.12	-51.82	51.82	S	75.15	W	91.29	235.41	0.94	0.76	3.52
19	1900.00	9.80	249.74	100.00	1893.71	-57.76	57.76	S	90.76	W	107.59	237.53	0.42	0.37	1.15
20	2000.00	10.06	251.75	100.00	1992.21	-63.45	63.45	S	107.05	W	124.44	239.35	0.43	0.26	2.01
21	2100.00	10.53	249.38	100.00	2090.60	-69.40	69.40	S	123.90	W	142.01	240.74	0.63	0.47	-2.37
22	2200.00	10.43	250.73	100.00	2188.93	-75.61	75.61	S	141.00	W	159.99	241.80	0.27	-0.11	1.35
23	2300.00	10.45	253.78	100.00	2287.28	-81.13	81.13	S	158.25	W	177.83	242.86	0.55	0.02	3.05
24	2355.00	10.28	254.78	55.00	2341.38	-83.81	83.81	S	167.78	W	187.55	243.46	0.45	-0.30	1.81
25	2479.00	9.72	245.24	124.00	2463.50	-91.10	91.10	S	187.96	W	208.88	244.14	1.41	-0.45	-7.69
26	2572.00	8.15	254.85	93.00	2555.38	-96.11	96.11	S	201.46	W	223.21	244.49	2.32	-1.69	10.33
27	2665.00	6.59	251.00	93.00	2647.61	-99.57	99.57	S	212.87	W	235.01	244.93	1.76	-1.68	-4.14
28	2758.00	5.43	246.24	93.00	2740.10	-103.08	103.08	S	221.94	W	244.71	245.09	1.36	-1.25	-5.12
29	2852.00	4.50	247.64	94.00	2833.74	-106.28	106.28	S	229.42	W	252.84	245.14	1.00	-0.99	1.49
30	2945.00	3.28	245.67	93.00	2926.53	-108.76	108.76	S	235.22	W	259.15	245.18	1.32	-1.31	-2.12
31	3039.00	2.18	248.07	94.00	3020.42	-110.54	110.54	S	239.33	W	263.62	245.21	1.18	-1.17	2.55
32	3132.00	0.93	248.98	93.00	3113.38	-111.47	111.47	S	241.68	W	266.14	245.24	1.34	-1.34	0.98
33	3225.00	0.89	39.79	93.00	3206.38	-111.19	111.19	S	241.92	W	266.25	245.32	1.89	-0.04	-224.94
34	3318.00	0.87	50.45	93.00	3299.37	-110.18	110.18	S	240.91	W	264.91	245.42	0.18	-0.02	11.46
35	3411.00	0.81	55.30	93.00	3392.36	-109.36	109.36	S	239.83	W	263.58	245.49	0.10	-0.06	5.22

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.		8. WELL NAME and NUMBER: Thiebaud 2-14C4
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002		9. API NUMBER: 43013522310000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1505 FNL 0695 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 14 Township: 03.0S Range: 04.0W Meridian: U		9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH
		COUNTY: DUCHESNE
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/8/2016	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Please see attached proposed recompletion procedure along with current and post WBD's.

Approved by the
October 06, 2016
Oil, Gas and Mining

Date: _____

By: *D. K. Quist*

NAME (PLEASE PRINT) Linda Renken	PHONE NUMBER 713 997-5138	TITLE Sr. Regulatory Analyst
SIGNATURE N/A	DATE 10/6/2016	

Thiebaud 2-14 C4 Recom Summary Procedure

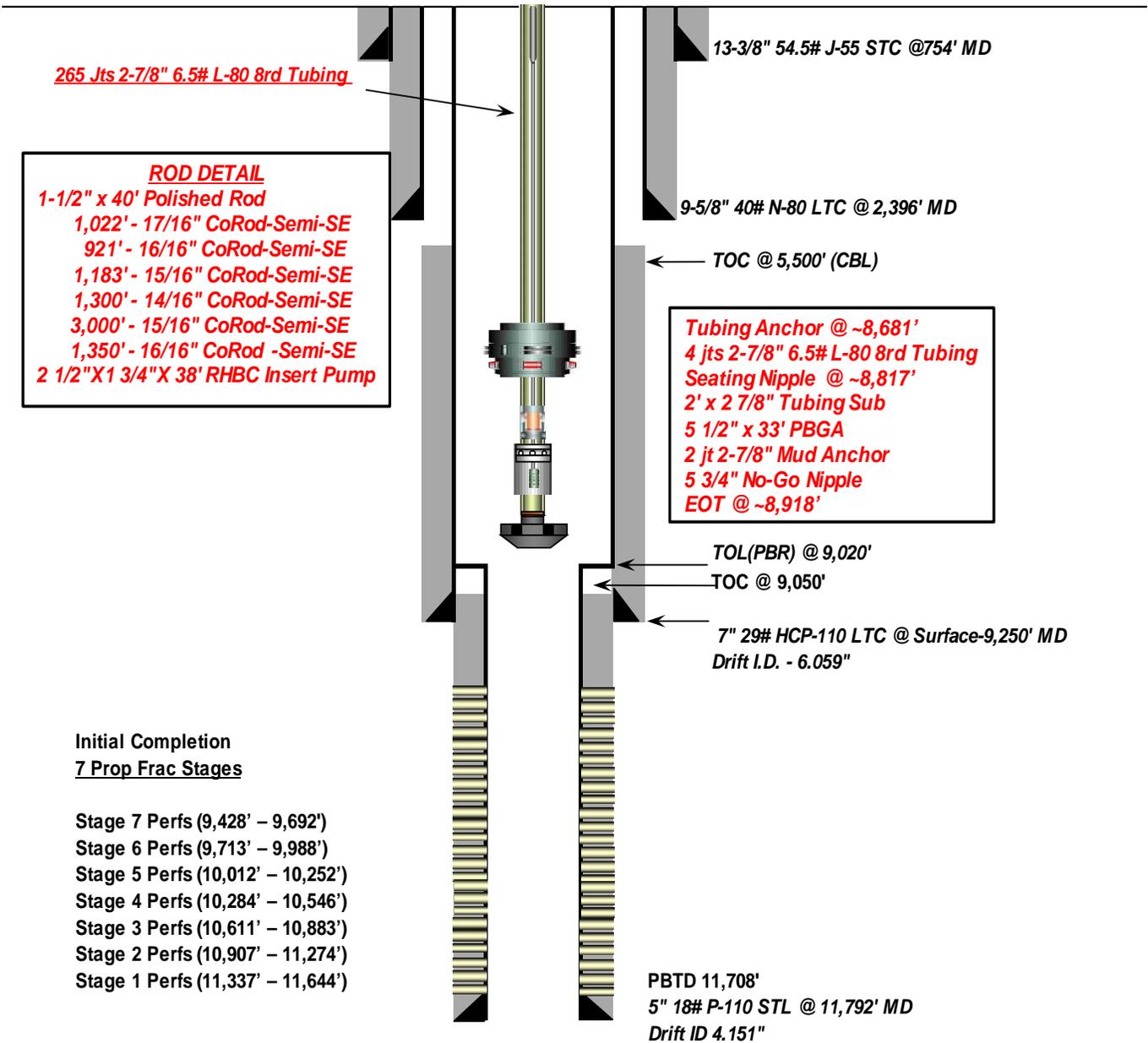
- POOH with co-rod, pump and tubing. Inspect/Repair/Re-furbish as needed. Replace any bad tubing.
- Set 15k CBP for 5" 18# casing @ 9,420' and dump bail 15' cmt on top of plug.
- Stage 1:
 - Perforate new UW interval from **9,192' - 9,356'**.
 - Prop Frac perforations with **100,000** lbs 30/50 prop (w/ **6,000** lbs 100 mesh & **6,000** gals 15% HCl acid) (Stage 1 Recom).
- Stage 2:
 - RIH with 5" CBP & set @ 9,161'.
 - Perforate new UW/LGR interval from **8,997' - 9,146'**.
 - Prop Frac perforations with **90,000** lbs 30/50 prop (w/ **6,000** lbs 100 mesh & **6,000** gals 15% HCl acid) (Stage 2 Recom).
- Stage 3:
 - RIH with 7" CBP & set @ 8,829'.
 - Perforate new LGR interval from **8,604' - 8,814'**.
 - Acid Frac Perforations with **21,000** gals 15% HCl (Stage 3 Recom).
- Production Test Stage 3 (3-6 weeks)
 - If stage 3 will flow, pkr and tbg will be run to produce this zone.
 - If stage 3 will not flow, tubing, pump and co-rod will be run to produce this zone.
- POOH with either type of production equipment used to produce stage 3.
- Set 10k 7" CBP @ 8,449'.
- Stage 4:
 - Perforate new LGR interval from **8,210' - 8,419'**.
 - Prop Frac perforations with **115,000** lbs 30/50 prop (w/ **7,000** lbs 100 mesh & **7,000** gals 15% HCl acid) (Stage 4 Recom).
- Stage 5:
 - RIH w/ 7" CBP & set @ 8,097'.
 - Perforate new LGR interval from **8,042' - 8,082'**.
 - Acid Frac Perforations with **7,000** gals 15% HCl (Stage 5 Recom).
- Clean out well drilling up (3) 7" CBPs and (1) 5" CBP, leaving 5" 15k CBP w/ CMT @ 9,420'. (PBTD @ 9,405'). Top perf BELOW plugs @ 9,428'.
- RIH w/ pump, co-rod and tubing.
- Clean location and resume production.



Current Pumping Schematic

Company Name: EP Energy
 Well Name: Thiebaud 2-14 C4
 Field, County, State: Altamont - Bluebell, Duchesne, Utah
 Surface Location: Lat: 40°13'26.65894" N Long: 110°17'46.81439" W
 Producing Zone(s): Wasatch

Last Updated: 10/5/2016
 By: Fondren/Tomova
 TD: 11,792'
 BHL: _____
 Elevation: _____

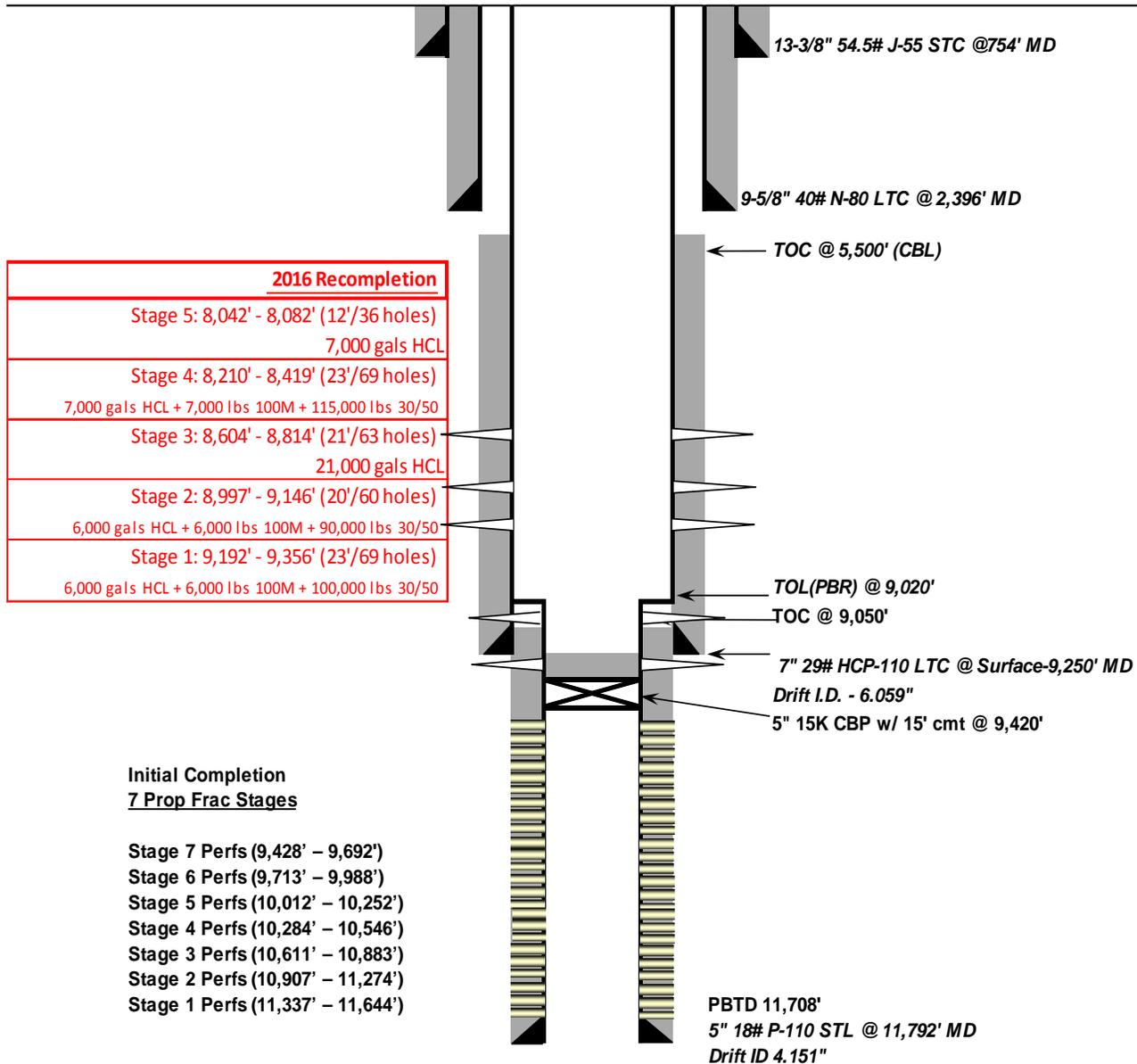




Proposed Recom Schematic

Company Name: EP Energy
 Well Name: Thiebaud 2-14 C4
 Field, County, State: Altamont - Bluebell, Duchesne, Utah
 Surface Location: Lat: 40^o1326.65894" N Long: 110^o1746.81439" W
 Producing Zone(s): Wasatch

Last Updated: 10/5/2016
 By: Fondren
 TD: 11,792'
 BHL: _____
 Elevation: _____



2016 Recompletion	
Stage 5: 8,042' - 8,082' (12'/36 holes)	7,000 gals HCL
Stage 4: 8,210' - 8,419' (23'/69 holes)	7,000 gals HCL + 7,000 lbs 100M + 115,000 lbs 30/50
Stage 3: 8,604' - 8,814' (21'/63 holes)	21,000 gals HCL
Stage 2: 8,997' - 9,146' (20'/60 holes)	6,000 gals HCL + 6,000 lbs 100M + 90,000 lbs 30/50
Stage 1: 9,192' - 9,356' (23'/69 holes)	6,000 gals HCL + 6,000 lbs 100M + 100,000 lbs 30/50

**Initial Completion
7 Prop Frac Stages**

- Stage 7 Perfs (9,428' – 9,692')
- Stage 6 Perfs (9,713' – 9,988')
- Stage 5 Perfs (10,012' – 10,252')
- Stage 4 Perfs (10,284' – 10,546')
- Stage 3 Perfs (10,611' – 10,883')
- Stage 2 Perfs (10,907' – 11,274')
- Stage 1 Perfs (11,337' – 11,644')

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Thiebaud 2-14C4
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013522310000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5138 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1505 FNL 0695 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 14 Township: 03.0S Range: 04.0W Meridian: U	9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH
	COUNTY: DUCHESNE
	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/9/2016	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Update to NOI approved on 10/6/2016. AS per phone conversation with Dustin Doucet verbal approval was granted. Casing leak was found upon recom attempt. Leak will be repaired and recom will continue. Pumping will be down frac string instead of casing due to the leak. See attached Procedure for details.

Approved by the
December 23, 2016
Oil, Gas and Mining

Date: _____

By:

NAME (PLEASE PRINT) Erik Hauser	PHONE NUMBER 713 997-6717	TITLE Sr EHS Specialist
SIGNATURE N/A	DATE 12/6/2016	

Thiebaud 2-14 C4 Squeeze and Recom Summary Procedure

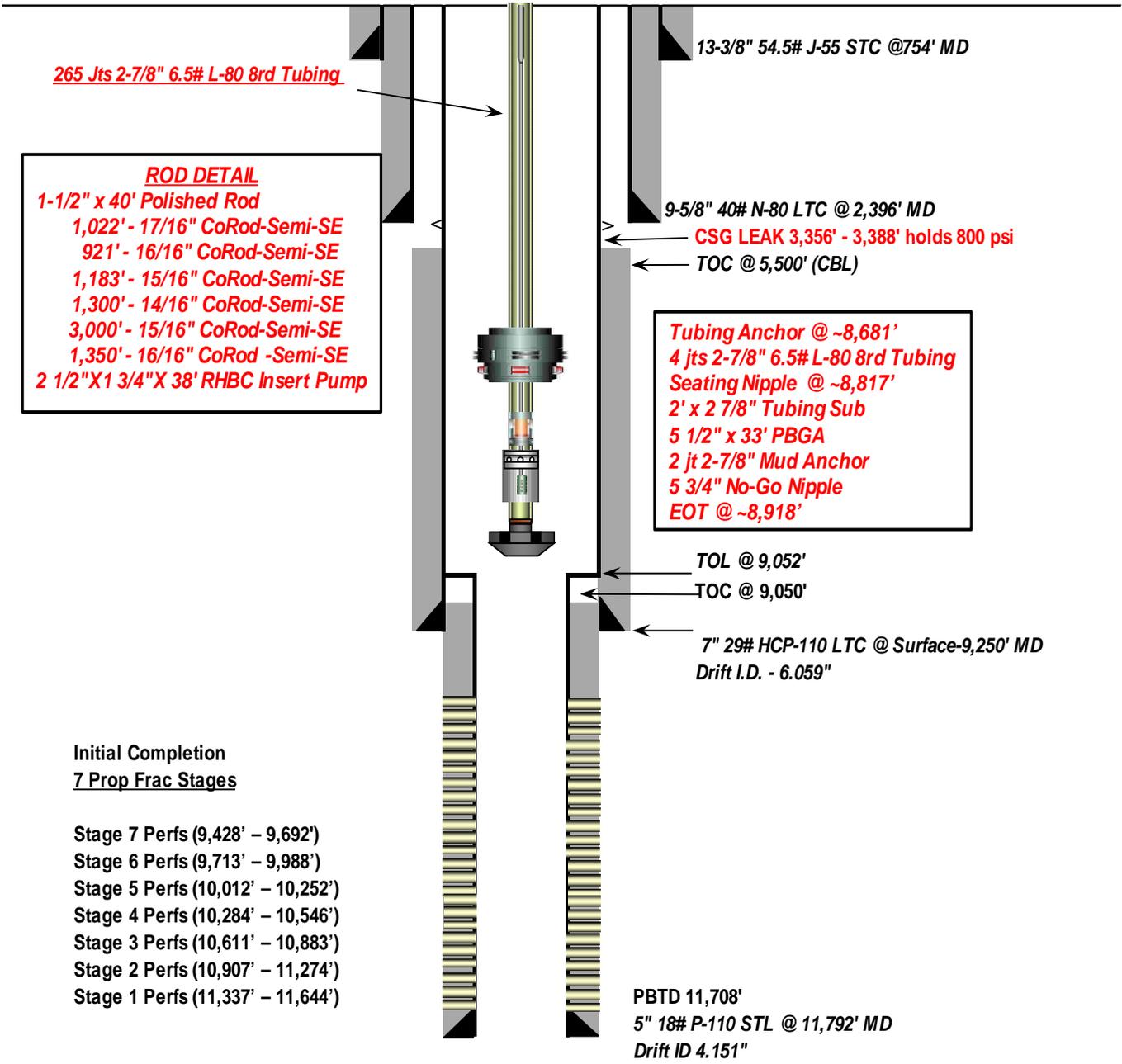
- POOH with co-rod, pump and tubing. Inspect/Repair/Re-furbish as needed. Replace any bad tubing.
- Set 15k CBP for 5" 18# casing @ 9,420' and dump bail 15' cmt on top of plug.
- Isolate csg leak to **3,356' – 3,388'** with plug and pkr.
- Set RBP @ 4,400'. Set CCR @ 3,300'. Squeeze csg leak from 3,356' – 3,388' with cmt, drill out cmt retainer and cmt. Test squeeze to 1,000 psi every 20'.
- Complete the following stages with plug, packer and frac string.
- Stage 1:
 - Perforate new UW interval from **9,192' - 9,356'**.
 - Acid Frac Perforations with **19,000** gals 15% HCl (Stage 1 Recom).
- Stage 2:
 - RIH with 5" CBP & set @ 9,161'.
 - Perforate new UW/LGR interval from **8,997' - 9,146'**.
 - Acid Frac Perforations with **21,000** gals 15% HCl (Stage 2 Recom).
- Stage 3:
 - RIH with 7" CBP & set @ 8,829'.
 - Perforate new LGR interval from **8,604' - 8,814'**.
 - Acid Frac Perforations with **21,000** gals 15% HCl (Stage 3 Recom).
- Production Test Stage 3 (3-6 weeks)
 - If stage 3 will flow, pkr and tbg will be run to produce this zone.
 - If stage 3 will not flow, tubing, pump and co-rod will be run to produce this zone.
- POOH with either type of production equipment used to produce stage 3.
- Set (1)10k 7" CBPs @ 8,444'.
- Stage 4:
 - Perforate new LGR interval from **8,210' - 8,419'**.
 - Acid Frac Perforations with **21,000** gals 15% HCl (Stage 4 Recom).
- Stage 5:
 - Perforate new LGR interval from **8,042' - 8,082'**.
 - Acid Frac Perforations with **7,000** gals 15% HCl (Stage 5 Recom).
- Clean out well drilling up (2) 7" CBPs and (1) 5" CBP, leaving 5" 15k CBP w/ CMT @ 9,420'. (PBTD @ 9,405'). Top perf BELOW plugs @ 9,428'.
- RIH w/ pump, co-rod and tubing.
- Clean location and resume production.



Current Pumping Schematic

Company Name: EP Energy
 Well Name: Thiebaud 2-14 C4
 Field, County, State: Altamont - Bluebell, Duchesne, Utah
 Surface Location: Lat: 40 13'26.65894" N Long: 110 17'46.81439" W
 Producing Zone(s): Wasatch

Last Updated: 12/5/2016
 By: Fondren/Tomova
 TD: 11,792'
 BHL: _____
 Elevation: _____





Proposed Recom Schematic

Company Name: EP Energy
 Well Name: Thiebaud 2-14 C4
 Field, County, State: Altamont - Bluebell, Duchesne, Utah
 Surface Location: Lat: 40 1326.65894" N Long: 110 1746.81439" W
 Producing Zone(s): Wasatch

Last Updated: 12/5/2016
 By: Fondren
 TD: 11,792'
 BHL: _____
 Elevation: _____

