API Well Number: 43013520130000

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
EP Energy 1-19C4

2. TYPE OF WORK
DRILL NEW WELL ● REENTER P&A WELL ○ DEEPEN WELL ○

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 ○ INDIAN ○ STATE ○ FEE ●

12. SURFACE OWNERSHIP
FEDERAL ○ INDIAN ○ STATE ○ FEE ●

13. NAME OF SURFACE OWNER (if box 12 = 'fee')
EP Energy E&P Company, L.P.

14. SURFACE OWNER PHONE (if box 12 = 'fee')
713-997-3209

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')
1001 Louisiana, Houston, TX 77002

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 ○ (Submit Commingling Application) NO ●

19. SLANT
VERTICAL ● DIRECTIONAL ○ HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	800 FNL 800 FEL	NENE	19	3.0 S	4.0 W	U
Top of Uppermost Producing Zone	800 FNL 800 FEL	NENE	19	3.0 S	4.0 W	U
At Total Depth	800 FNL 800 FEL	NENE	19	3.0 S	4.0 W	U

21. COUNTY
DUCHESNE

22. DISTANCE TO NEAREST LEASE LINE (Feet)
800

23. NUMBER OF ACRES IN DRILLING UNIT
640

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
3700

26. PROPOSED DEPTH
MD: 11500 TVD: 11500

27. ELEVATION - GROUND LEVEL
5869

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 - 600	54.5	J-55 LT&C	8.8	Class G	758	1.15	15.8
Surf	12.25	9.625	0 - 3500	40.0	N-80 LT&C	9.5	35/65 Poz	485	3.16	11.0
							Premium Lite High Strength	191	1.33	14.2
I1	8.75	7	0 - 8700	29.0	P-110 LT&C	10.2	Premium Lite High Strength	335	2.31	12.0
							Premium Lite High Strength	91	1.91	12.5
L1	6.125	4.5	8500 - 11500	13.5	P-110 LT&C	11.3	50/50 Poz	222	1.61	12.3

ATTACHMENTS

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

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ COMPLETE DRILLING PLAN
- ☑ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)
- ☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
- ☐ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)
- ☑ TOPOGRAPHICAL MAP

NAME Maria S. Gomez | **TITLE** Principal Regulatory Analyst | **PHONE** 713 997-5038

SIGNATURE | **DATE** 02/05/2013 | **EMAIL** maria.gomez@epenergy.com

API NUMBER ASSIGNED
43013520130000

APPROVAL

Permit Manager

RECEIVED: April 09, 2013

EP Energy 1-19C4
Sec. 19, T3S, R4W
DUCHESNE COUNTY, UT

EP ENERGY E&P COMPANY, L.P.

DRILLING PROGRAM

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

Formation	Depth
Green River (GRRV)	3,186’
Green River (GRTN1)	4,686’
Mahogany Bench	5,586’
L. Green River	6,876’
Wasatch	8,816’
T.D. (Permit)	11,500’

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

Substance	Formation	Depth
	Green River (GRRV)	3,186’
	Green River (GRTN1)	4,686’
	Mahogany Bench	5,586’
Oil	L. Green River	6,876’
Oil	Wasatch	8,816’

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

A 4.5” by 20.0” rotating head on structural pipe from surface to 600’. A 4.5” by 13 3/8” Smith Rotating Head and 5M Annular from 600’ to 3,500’ on Conductor. A 5M BOP stack, 5M Annular, and 5M kill lines and choke manifold used from 3,500’ to 8,700’. A 10M BOE w/rotating head, 5M annular, blind rams & mud cross from 8,700’ to TD. 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 nippled 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 1500 psi or 0.22 psi/ft. The choke manifold equipment, upper Kelly cock, floor safety valves will be tested to 5M psi. The annular preventer will be tested to 250 psi low lest and 4,000 psi high test. The 10M BOP will be installed

RECEIVED: February 05, 2013

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 monitoring systems with gas monitor 600' – TD.
B) Mud logger with gas monitor – 3,500' 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 de-silter, 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 will be based on: 25% excess over gauge hole in the liner section, 10% excess over gauge hole in the intermediate section, and 75% excess on the lead and 50% excess on the tail over gauge hole volume for the surface hole. Actual volumes pumped will be a minimum of the volumes stated above, however, actual hole size will be based on caliper logs in the liner and intermediate sections. Gauge hole will be used for the surface section.

5. **Drilling Fluids Program:**

Proposed Mud Program:

Interval	Type	Mud Weight
Surface	WBM	8.8 – 9.5
Intermediate	WBM	9.5 – 10.2
Production	WBM	10.2 – 11.3

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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: 3,500' - TD.
Open Hole Logs: Gamma Ray, Neutron-Density, Resistivity, Sonic, from base of surface casing to TD.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 11,500' TD equals approximately 6,757 psi. This is calculated based on a 0.5876 psi/foot gradient (11.3 ppg mud density at TD).

Maximum anticipated surface pressure equals approximately 4,227 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 8,700' = 6,960 psi

BOPE and casing design will be based on the lesser of the two MASPs which is 4,227 psi.

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

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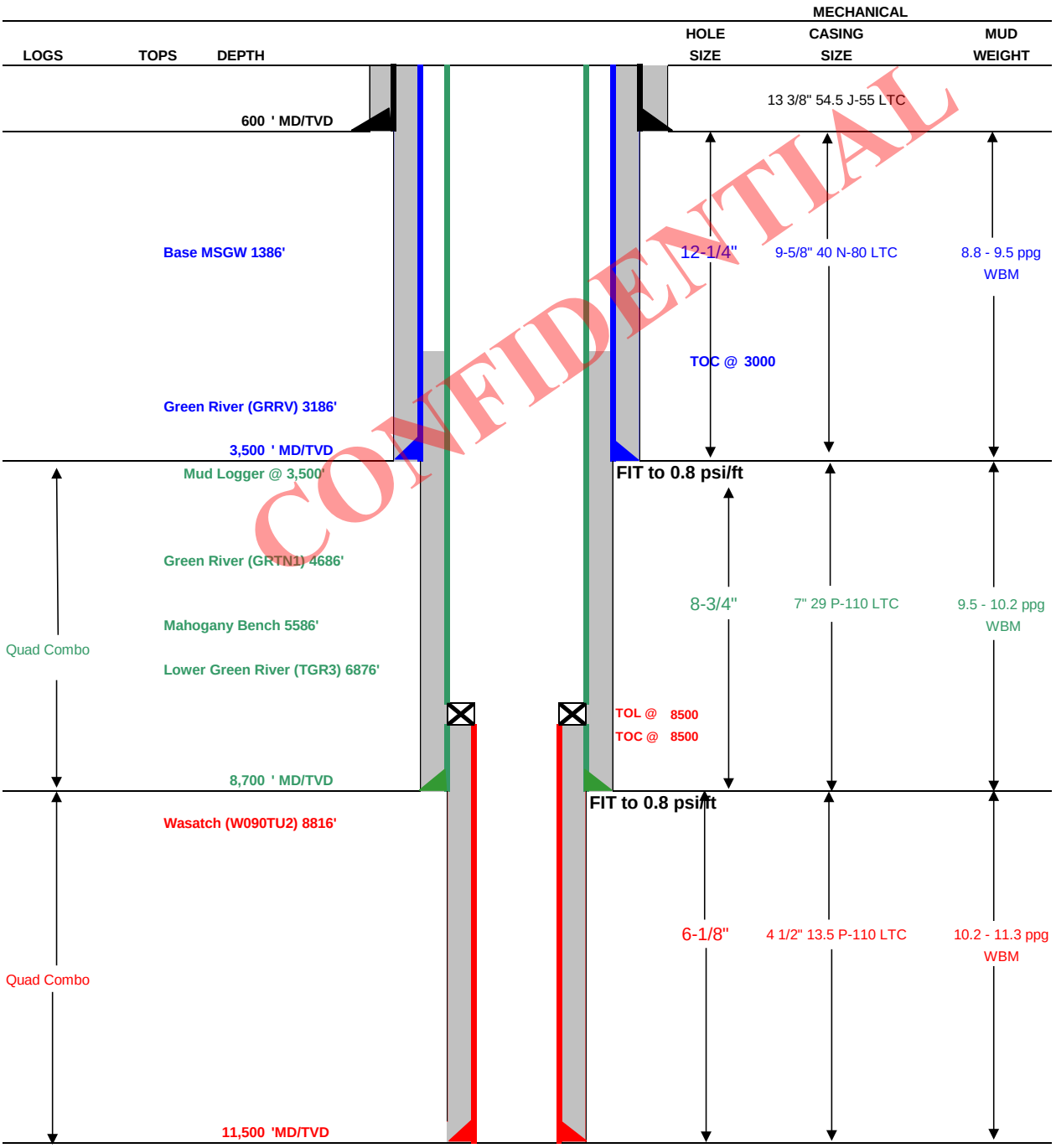
EP ENERGY

Drilling Schematic

Company Name:	EP ENERGY	**Date:**	January 24, 2013
Well Name:	EP Energy 1-19C4	**TD:**	11,500
Field, County, State:	Altamont - Bluebell, Duchesne, Utah	**AFE #:**	
Surface Location:	Sec 19 T3S R4W 800' FNL 800' FEL	**BHL:**	Straight Hole
Objective Zone(s):	Green River, Wasatch	**Elevation:**	5870
Rig:	Precision 404	**Spud (est.):**	

BOPE Info: 5.0 x 13 3/8 rotating head from600' to 3,500' 11 5M BOP stack and 5M kill lines and choke manifold used from 3,500' to 8,700' 11 10M BOE w/rotating head, 5M annular, 3.5 rams, blind rams & mud cross from 8,700' TD to TD



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DRILLING PROGRAM

CASING PROGRAM	SIZE	INTERVAL		WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	13 3/8"	0	600	54.5	J-55	LTC	2,730	1,140	1,399
SURFACE	9-5/8"	0	3500	40.00	N-80	LTC	3,090	5,750	820
INTERMEDIATE	7"	0	8700	29.00	P-110	LTC	11,220	8,530	797
PRODUCTION LINER	4 1/2"	8500	11500	13.50	P-110	LTC	12,410	10,680	338

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	Boral Craig POZ 35%, Mountain G 65%, Bentonite Wyoming 8%, Silicate 5 lbm/sk, Pol-E Flake 0.125 lbm/sk, Kwik Seal 0.25 lb/sk	485	75%	11.0 ppg	3.16
	Tail	500	Halco-light premium+3 lb/sk Silicate+0.3% Econolite+1% Salt+0.25 lbm/sk Kol-Seal+0.24 lb/sk Kwik Seal+ HR-5	191	50%	14.2 ppg	1.33
INTERMEDIATE	Lead	4,700	Hallco-Light-Premium+4% Bentonite+0.4% Econolite+0.2% Halad322+3 lb/sk Silicalite Compacted+0.8% HR-5+ 0.125 lb/sk Poly-E-Flake	335	10%	12.0 ppg	2.31
	Tail	1,000	Hallco-Light-Premium+0.2% Econolite+ 0.3% Versaset+0.2% Halad322+0.8% HR-5+ 0.3% SuperCBL+ 0.125 lb/sk Poly-E-Flake	91	10%	12.5 ppg	1.91
PRODUCTION LINER		3,000	Halco- 50/50 Poz Premium Cement+20% SSA-1+0.3% Super CBL+ 0.3% Halad-344+0.3% Halad-413+ 0.2% SCR-100+ 0.125 lb/sk Poly-E-Flake + 3 lb/sk Silicat	222	25%	12.30	1.61

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): Joe Cawthorn 713-997-5929

MANAGER: Tommy Gaydos

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EP ENERGY E&P COMPANY, L.P.
EP ENERGY 1-19C4
SECTION 19, 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 3.53 MILES TO AN INTERSECTION;

TURN RIGHT AND TRAVEL EASTERLY 0.80 MILES ON EXISTING GRAVEL COUNTY ROAD TO THE BEGINNING OF THE PROPOSED ACCESS ROAD;

TURN RIGHT AND FOLLOW ROAD FLAGS SOUTH 0.18 MILES TO THE PROPOSED WELL LOCATION;

TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 4.51 MILES.

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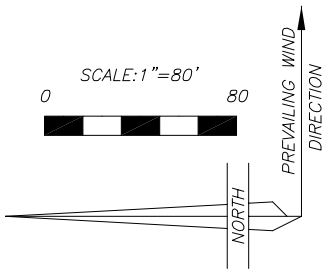
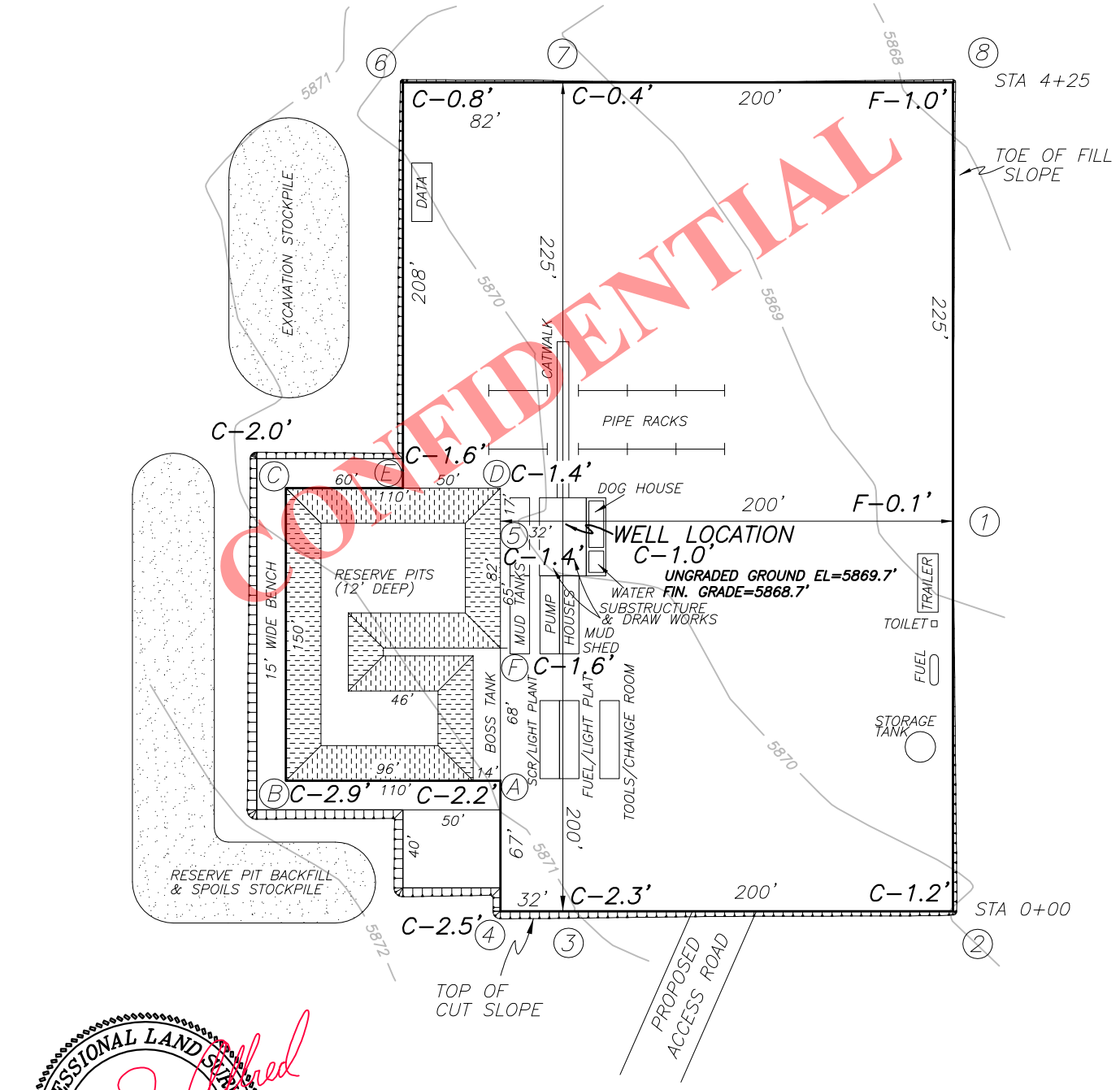
EP ENERGY E & P COMPANY, L.P.

FIGURE #1

LOCATION LAYOUT FOR
EP ENERGY 1-19C4
SECTION 19, T3S, R4W, U.S.B.&M.
800' FNL, 800' FEL





PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
17 JAN '13
STATE OF UTAH

Jerry D. Allred

REV 17 JAN 2013
3 SEP 2012
01-128-315

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

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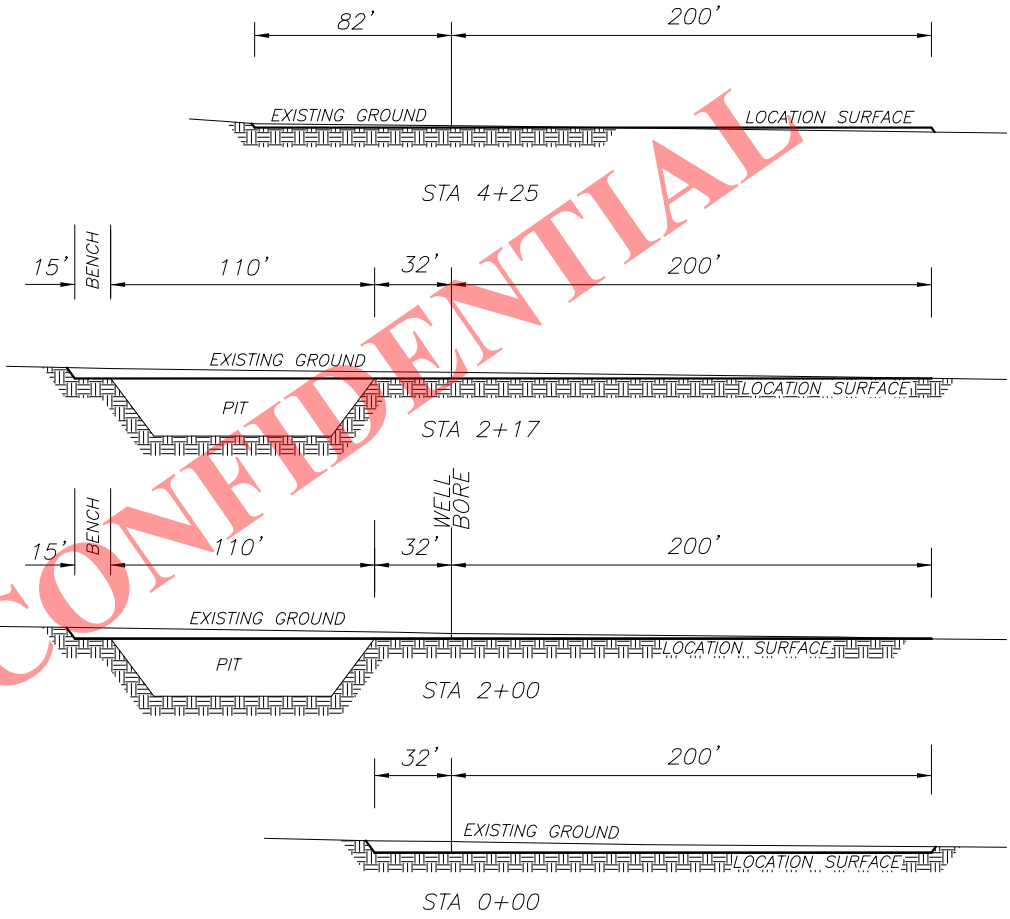
EP ENERGY E & P COMPANY, L.P.

FIGURE #2

LOCATION LAYOUT FOR
EP ENERGY 1-19C4
SECTION 19, T3S, R4W, U.S.B.&M.
800' FNL, 800' FEL

1"=40'
X-SECTION SCALE
1"=80'

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



APPROXIMATE QUANTITIES

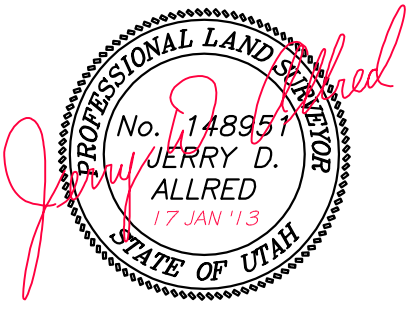
TOTAL CUT (INCLUDING PIT) = 12,856 CU. YDS.

PIT CUT	=	4572 CU. YDS.
TOPSOIL STRIPPING: (6")	=	2522 CU. YDS.
REMAINING LOCATION CUT	=	5762 CU. YDS

TOTAL FILL = 2411 CU. YDS.

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

ACCESS ROAD GRAVEL=241 CU. YDS.



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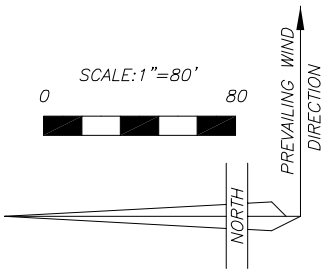
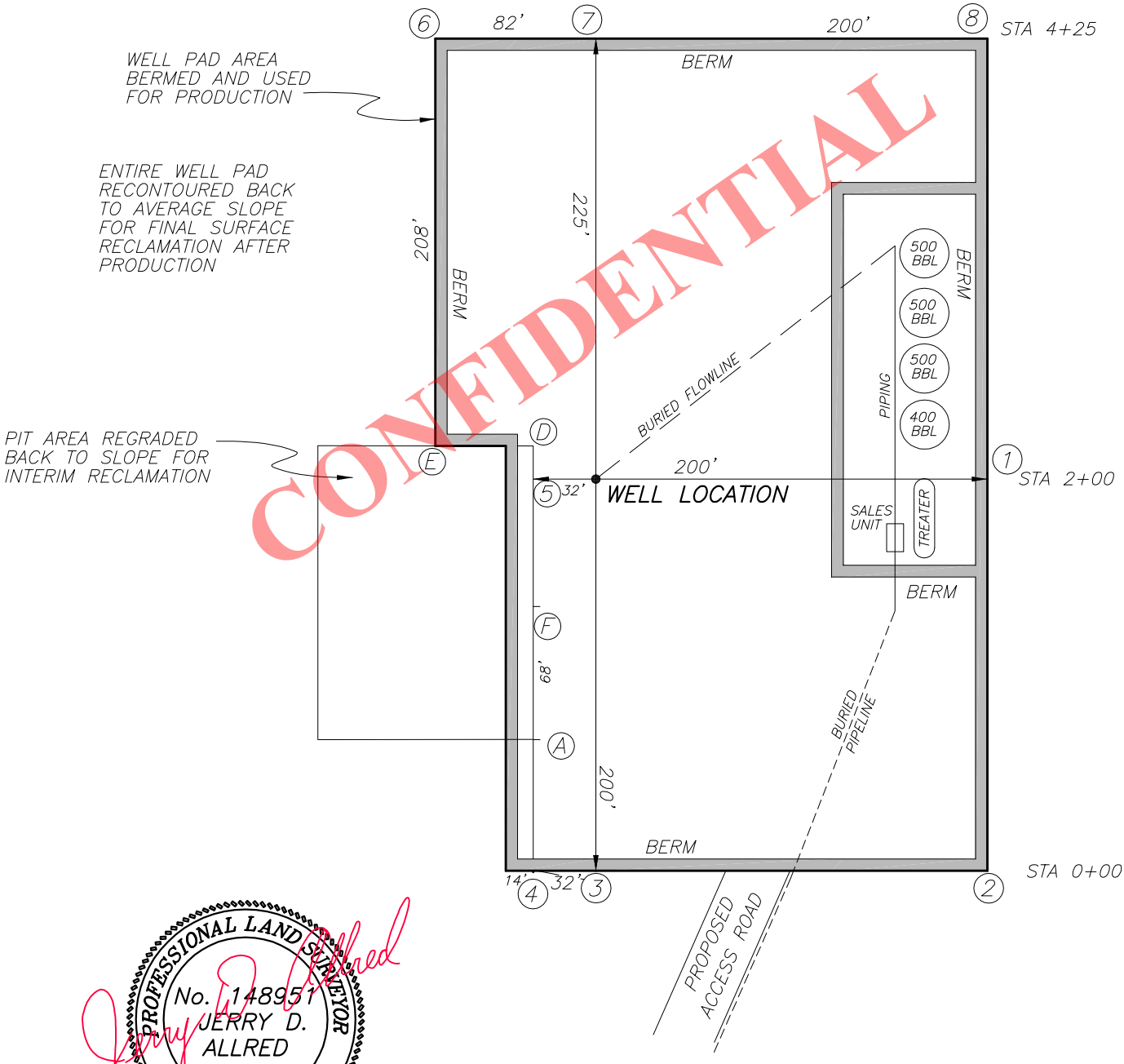
EP ENERGY E & P COMPANY, L.P.

FIGURE #3

LOCATION LAYOUT FOR
EP ENERGY 1-19C4
SECTION 19, T3S, R4W, U.S.B.&M.
800' FNL, 800' FEL





PROFESSIONAL LAND SURVEYOR
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JERRY D. ALLRED
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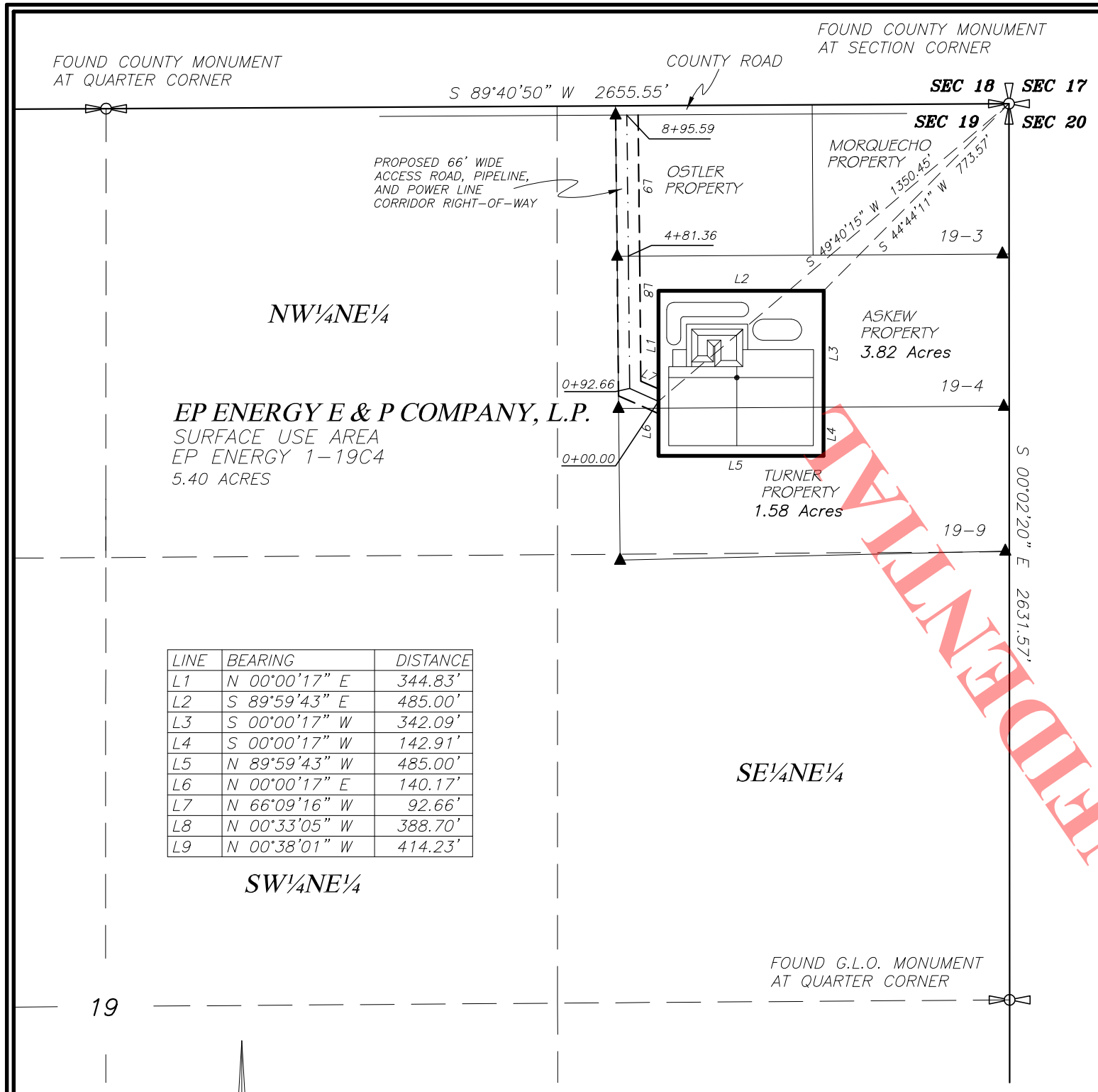

LINE	BEARING	DISTANCE
L1	N 00°00'17" E	344.83'
L2	S 89°59'43" E	485.00'
L3	S 00°00'17" W	342.09'
L4	S 00°00'17" W	142.91'
L5	N 89°59'43" W	485.00'
L6	N 00°00'17" E	140.17'
L7	N 66°09'16" W	92.66'
L8	N 00°33'05" W	388.70'
L9	N 00°38'01" W	414.23'

LEGEND

▲ FOUND 1/2" REBAR AT LOT CORNERS

LOCATION USE AREA AND ACCESS ROAD, POWER LINE, AND PIPELINE CORRIDOR RIGHT-OF-WAY SURVEY FOR

EP ENERGY E&P COMPANY, L.P.

EP ENERGY 1-19C4

SECTION 19, T3S, R4W, U.S.B.&M.

DUCHESNE COUNTY, UTAH

USE AREA BOUNDARY DESCRIPTION

Commencing at Northeast Corner of Section 19, Township 3 South, Range 4 West of the Uintah Special Base and Meridian;
Thence South 44°44'11" West 773.57 feet to the TRUE POINT OF BEGINNING;
Thence South 00°00'17" West 485.00 feet;
Thence North 89°59'43" West 485.00 feet;
Thence North 00°00'17" East 485.00 feet;
Thence South 89°59'43" 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

A 66 feet wide access road, pipeline, and power line corridor right-of-way over portions of Section 19, Township 3 South, Range 4 West of the Uintah Special Base and Meridian, the centerline of said right-of-way being further described as follows;
Thence South 49°40'15" West 1350.45 feet to the TRUE POINT OF BEGINNING, said point being on the West line of the EP Energy E&P Co. EP Energy 1-19C4 well location surface use area boundary;
Thence North 66°09'16" West 92.66 feet;
Thence North 00°33'05" West 388.70 feet;
Thence North 00°38'01" West 414.23 feet to the South linje of a County Road. Said right-of-way being 895.59 feet in length with the side lines being shortened or elongated to intersect said use area boundary and said South road line.

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.

PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
17 JAN '13
STATE OF UTAH

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

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

REV 17 JAN 2013
3 SEP 2012 01-128-315

JERRY D. ALLRED AND ASSOCIATES
SURVEYING CONSULTANTS
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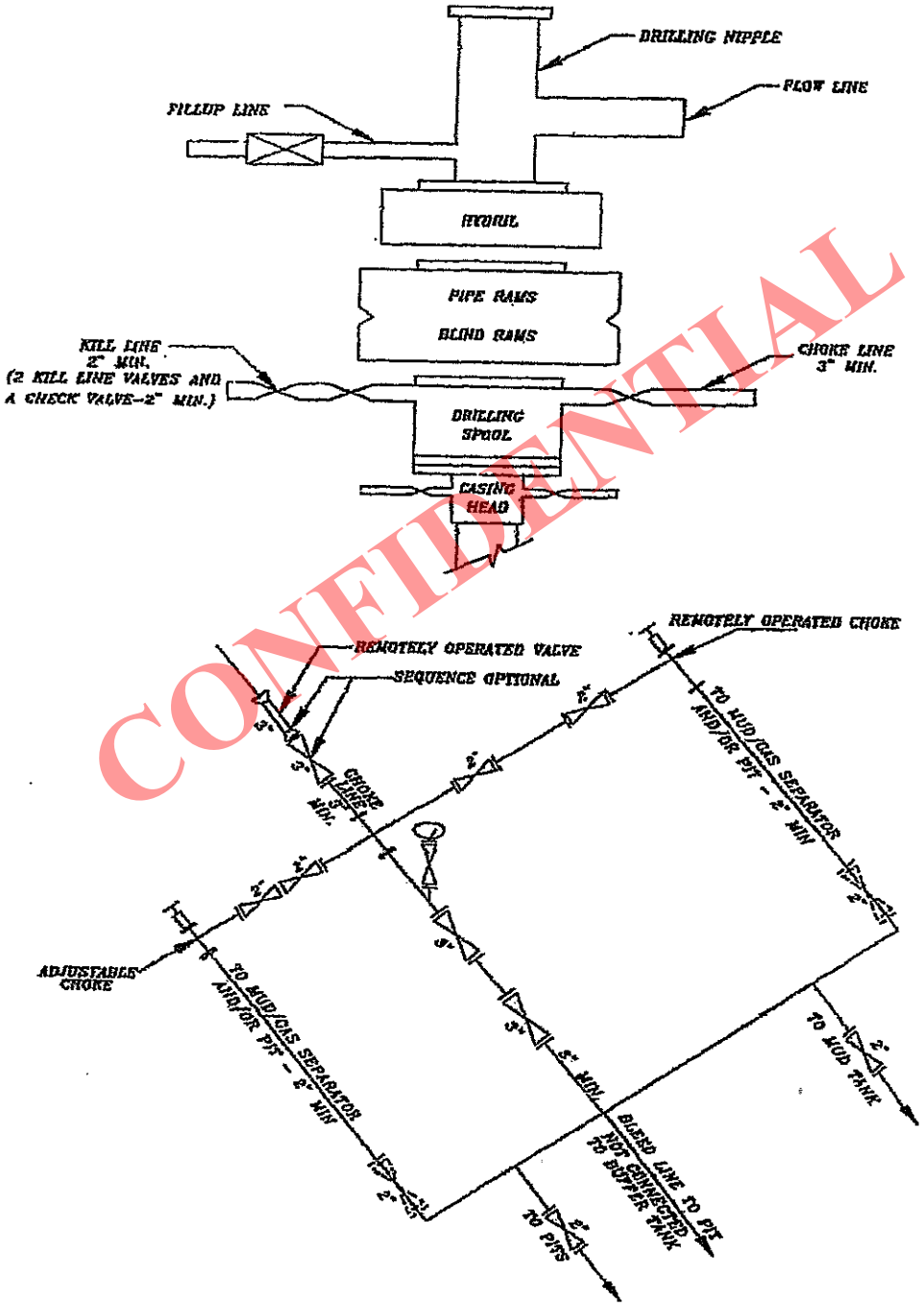
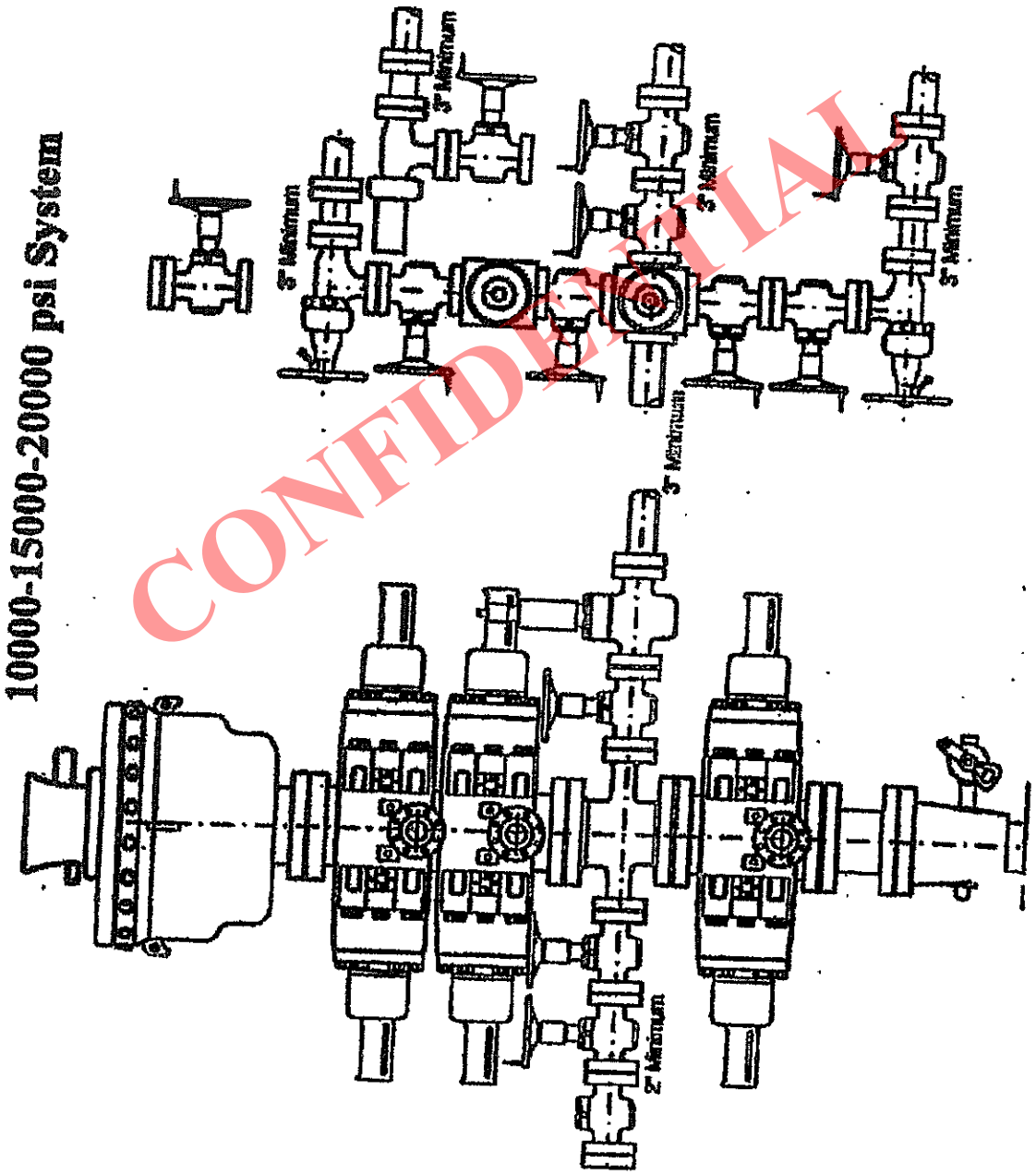
5M BOP STACK and CHOKE MANIFOLD SYSTEM



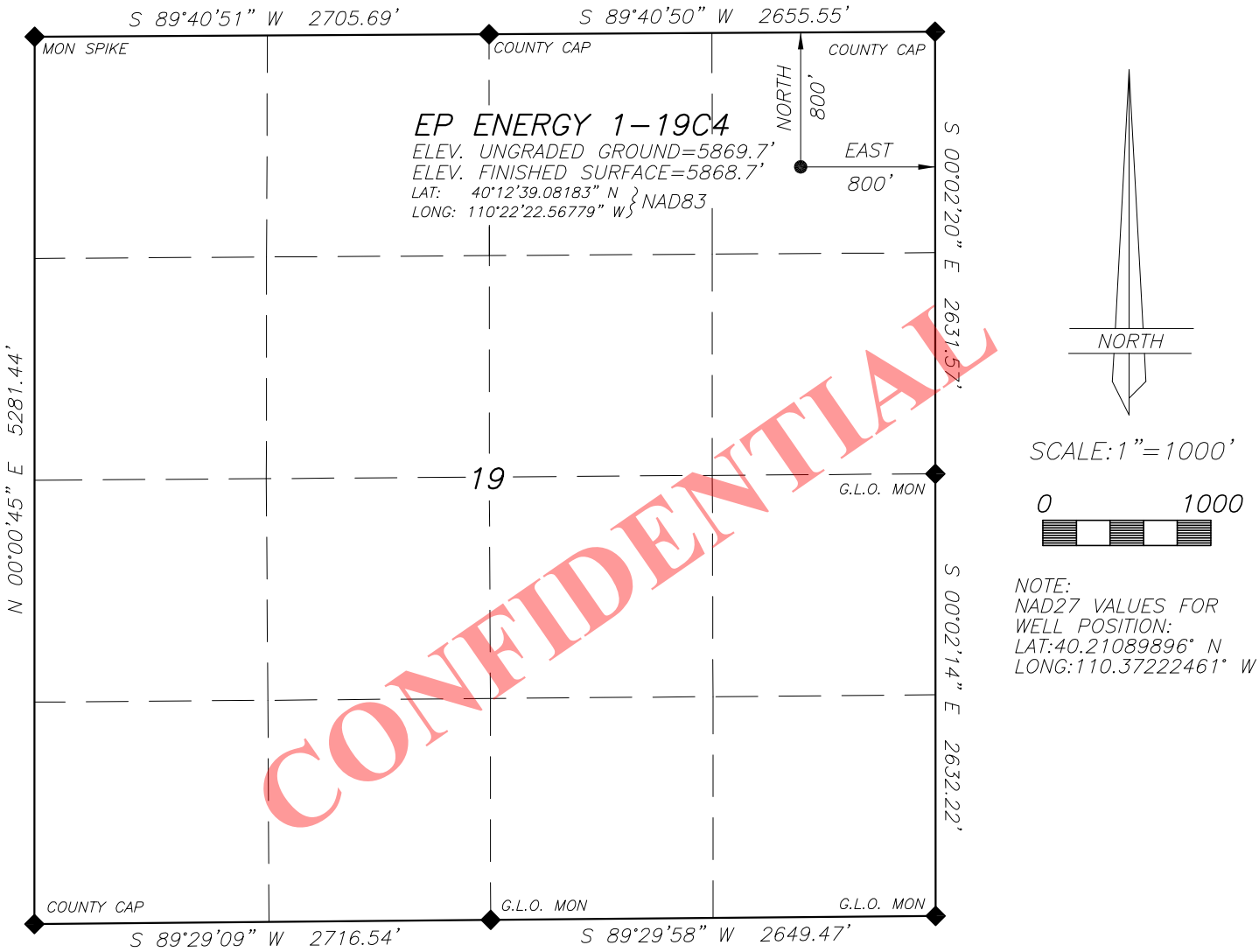


EP ENERGY E & P COMPANY, L.P.

WELL LOCATION

EP ENERGY 1-19C4

LOCATED IN THE NE¼ OF THE NE¼ OF SECTION 19, T3S, R4W, U.S.B.&M. DUCHESNE COUNTY, UTAH



NOTE:
NAD27 VALUES FOR WELL POSITION:
LAT:40.21089896° N
LONG:110.37222461° W

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.

PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
17 JAN '13
STATE OF UTAH

Jerry D. Allred

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

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JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975
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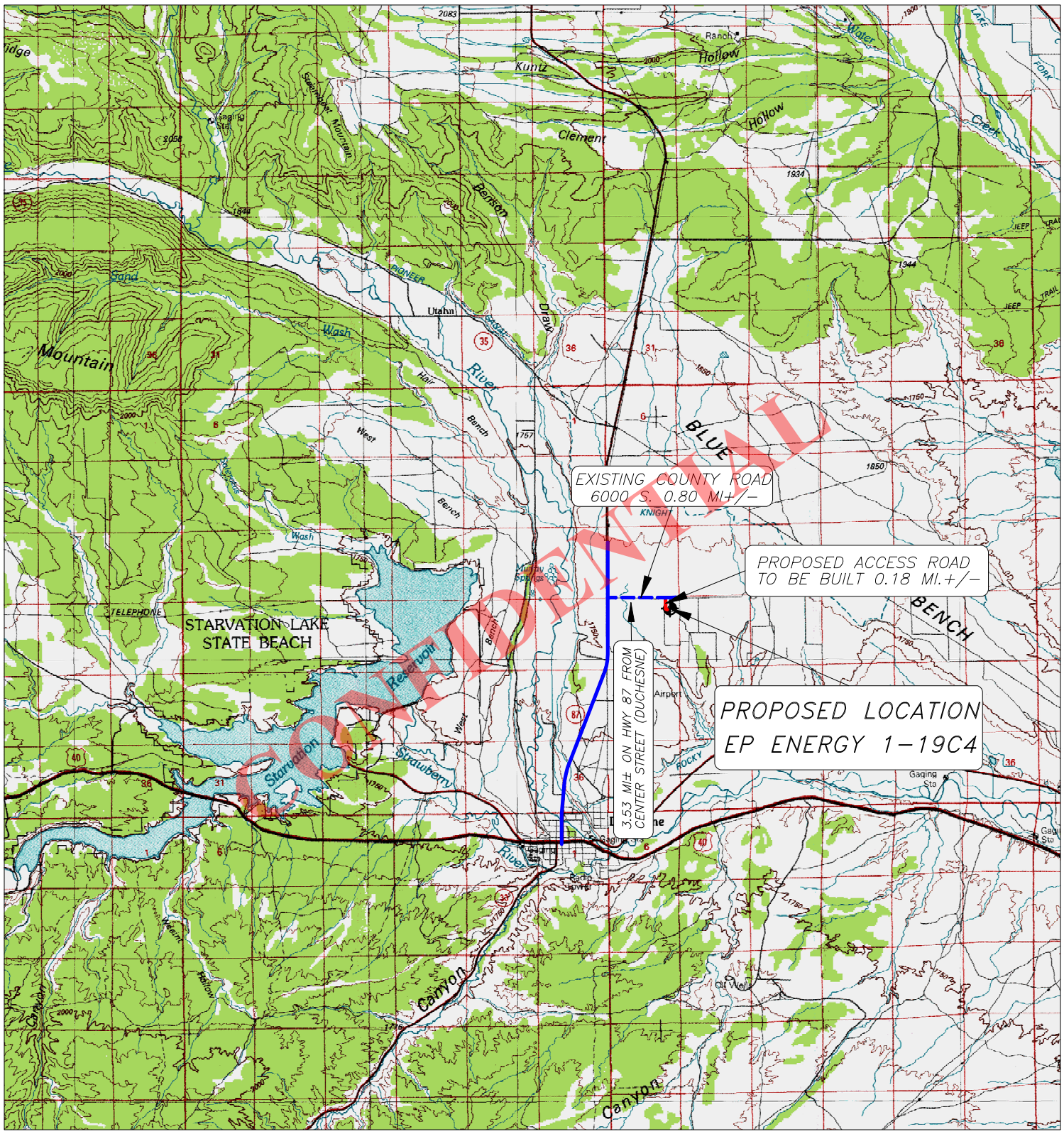
RECEIVED: February 05, 2013

API Well Number: 43013520130000



LEGEND:

PROPOSED WELL LOCATION

NORTH

EP ENERGY E & P COMPANY, L.P.

EP ENERGY 1-19C4

SECTION 19, T3S, R4W, U.S.B.&M.

800' FNL 800' FEL

TOPOGRAPHIC MAP "A"

SCALE; 1"=10,000'

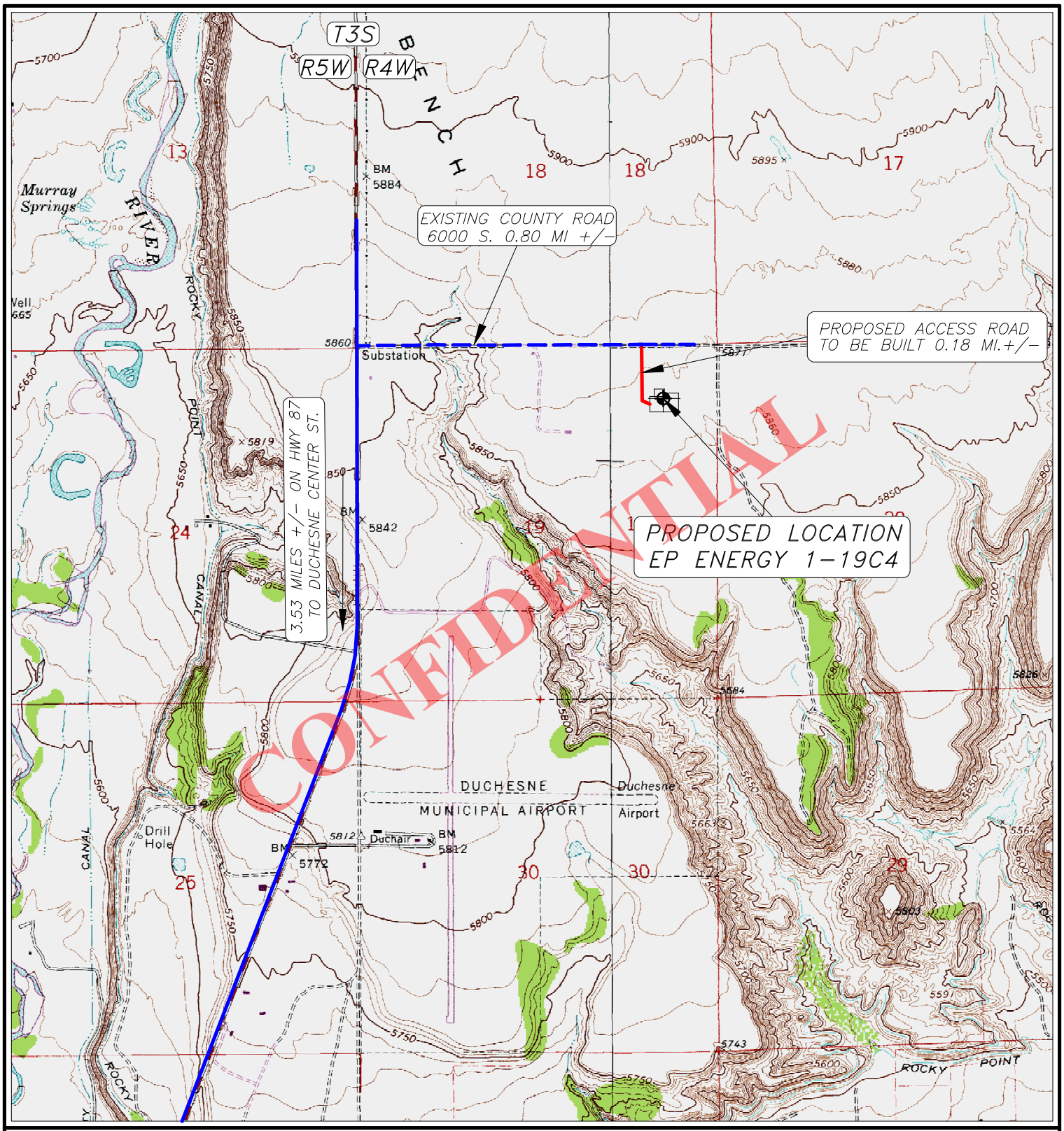
17 JAN 2013

01-128-315

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

RECEIVED: February 05, 2013

API Well Number: 43013520130000



LEGEND:

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

01-128-315

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

NORTH

EP ENERGY E & P COMPANY, L.P.

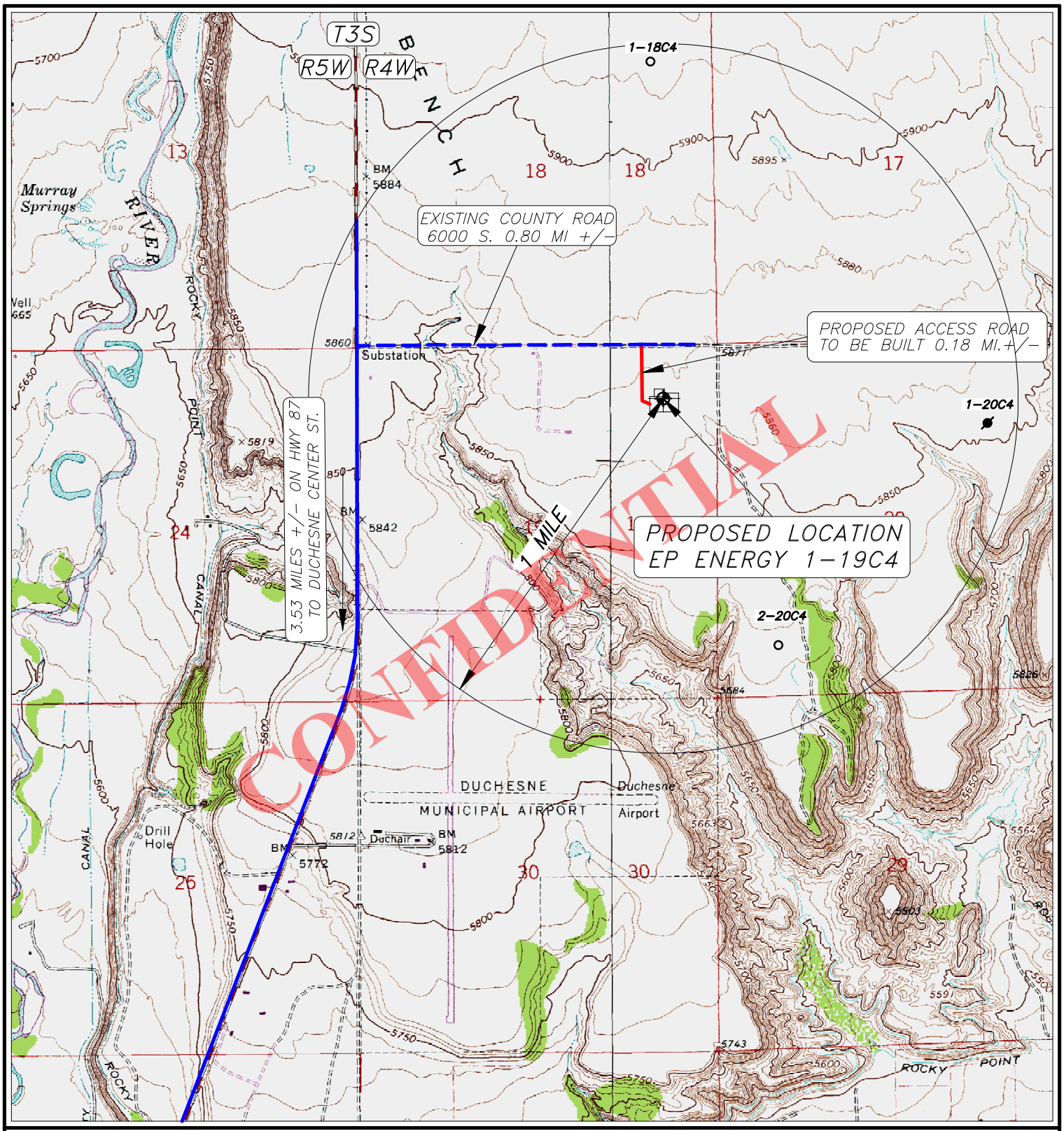
EP ENERGY 1-19C4
SECTION 19, T3S, R4W, U.S.B.&M.
800' FNL 800' FEL

TOPOGRAPHIC MAP "B"

SCALE; 1"=2000'
17 JAN 2013

RECEIVED: February 05, 2013

API Well Number: 43013520130000



LEGEND:

- PROPOSED WELL LOCATION
- OTHER WELLS AS LOCATED FROM SUPPLIED MAP

01-128-315

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

NORTH

EP ENERGY E & P COMPANY, L.P.

EP ENERGY 1-19C4
SECTION 19, T3S, R4W, U.S.B.&M.
800' FNL 800' FEL

TOPOGRAPHIC MAP "B"

SCALE; 1"=2000'
17 JAN 2013

RECEIVED: February 05, 2013

AFFIDAVIT OF DAMAGE SETTLEMENT AND RELEASE

Orion L. Mitchell personally appeared before me, and, being duly sworn, deposes and says:

1. My name is Orion L. Mitchell. I am a Landman for EP Energy E&P Company, L.P., formally known as El Paso 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 EP Energy 1-19C4 well ("the Well") to be located in the NE/4 of the NE/4 of Section 19, Township 3 South, Range 4 West, U.S.M., Duchesne County, Utah (the "Drillsite Location"). The surface owners of the Drillsite Location are EP Energy, whose address is 1001 Louisiana Street, Houston, TX 77002 and whose telephone number is 713-997-3209 and Jared S. Turner, whose address is 60 East South Temple, P.O. Box 45120, Salt Lake City, UT 84145 and whose telephone number is 801-418-8900 (the "Surface Owners").
3. EP Energy and the Surface Owners have entered into two Damage Settlement and Release Agreements dated September 26, 2012 and January 8, 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 of the Well.

FURTHER AFFIANT SAYETH NOT.

Orion L. Mitchell

ACKNOWLEDGMENT

STATE OF TEXAS §
§
COUNTY OF HARRIS §

This instrument was acknowledged before me on this 22nd day of January, 2013 by Orion L. Mitchell as a 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.

GINGER M CEARLEY
NOTARY PUBLIC, STATE OF TEXAS
MY COMMISSION EXPIRES
AUG. 2, 2014

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 .18 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 .18 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 place 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.

RECEIVED: February 05, 2013

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:**

EP Energy E&P Company, L.P.
1001 Louisiana Street
Houston, TX 77002
Phone: 713.997.3209

Jared S. Turner
60 East Temple
P.O. Box 45120
Salt Lake City, UT 84145
Phone: 801.418.8900

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:**

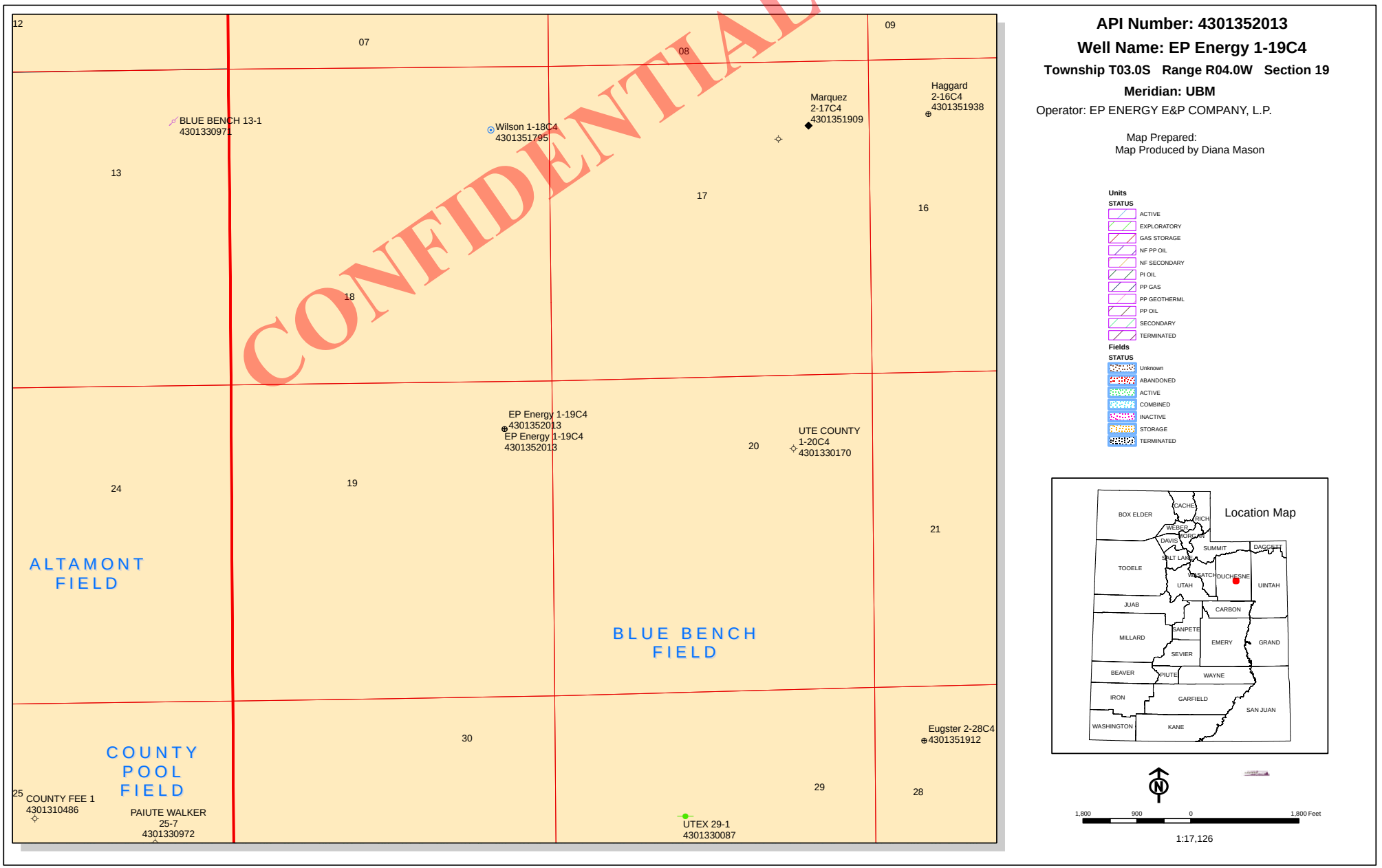
Construction and Reclamation:
EP Energy E&P Company, L.P.
Wayne Garner
PO Box 410
Altamont, Utah 84001
435-454-3394 – Office
435-823-1490 – Cell

Regarding This APD
EP Energy E&P Company, L.P.
Maria S. Gomez
1001 Louisiana, Rm 2730D
Houston, Texas 77002
713-997-5038 – Office

Drilling
EP Energy E&P Company, L.P.
Joe Cawthorn – Drilling Engineer
1001 Louisiana, Rm 2523B
Houston, Texas 77002
713-997-5929 – office
832-465-2882 – Cell

RECEIVED: February 05, 2013

API Well Number: 43013520130000



API Number: 4301352013

Well Name: EP Energy 1-19C4

Township T03.0S Range R04.0W Section 19

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 GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields

STATUS

- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED

1,800 900 0 1,800 Feet

1:17,126

RECEIVED: February 22, 2013

API Well Number: 43013520130000

BOPE REVIEW EP ENERGY E&P COMPANY, L.P. EP Energy 1-19C4 43013520130000

Well Name	EP ENERGY E&P COMPANY, L.P. EP Energy 1-19C4 43013520130000			
String	Cond	Surf	I1	L1
Casing Size(")	13.375	9.625	7.000	4.500
Setting Depth (TVD)	600	3500	8700	11500
Previous Shoe Setting Depth (TVD)	0	600	3500	8700
Max Mud Weight (ppg)	8.8	9.5	10.2	11.3
BOPE Proposed (psi)	1000	5000	5000	10000
Casing Internal Yield (psi)	2730	5750	11220	12410
Operators Max Anticipated Pressure (psi)	6757			11.3

Calculations	Cond String	13.375	"	
Max BHP (psi)	.052*Setting Depth*MW=	275		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	203	YES	4.5
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	143	YES	OK
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	143	NO	OK
Required Casing/BOPE Test Pressure=		600	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=	1729		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1309	YES	4.5
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	959	YES	OK
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1091	NO	
Required Casing/BOPE Test Pressure=		3500	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		600	psi	*Assumes 1psi/ft frac gradient

Calculations	I1 String	7.000	"	
Max BHP (psi)	.052*Setting Depth*MW=	4614		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3570	YES	5M BOP stack, 5M Annular, and 5M kill lines
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2700	YES	and choke manifold
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3470	YES	OK
Required Casing/BOPE Test Pressure=		7854	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		3500	psi	*Assumes 1psi/ft frac gradient

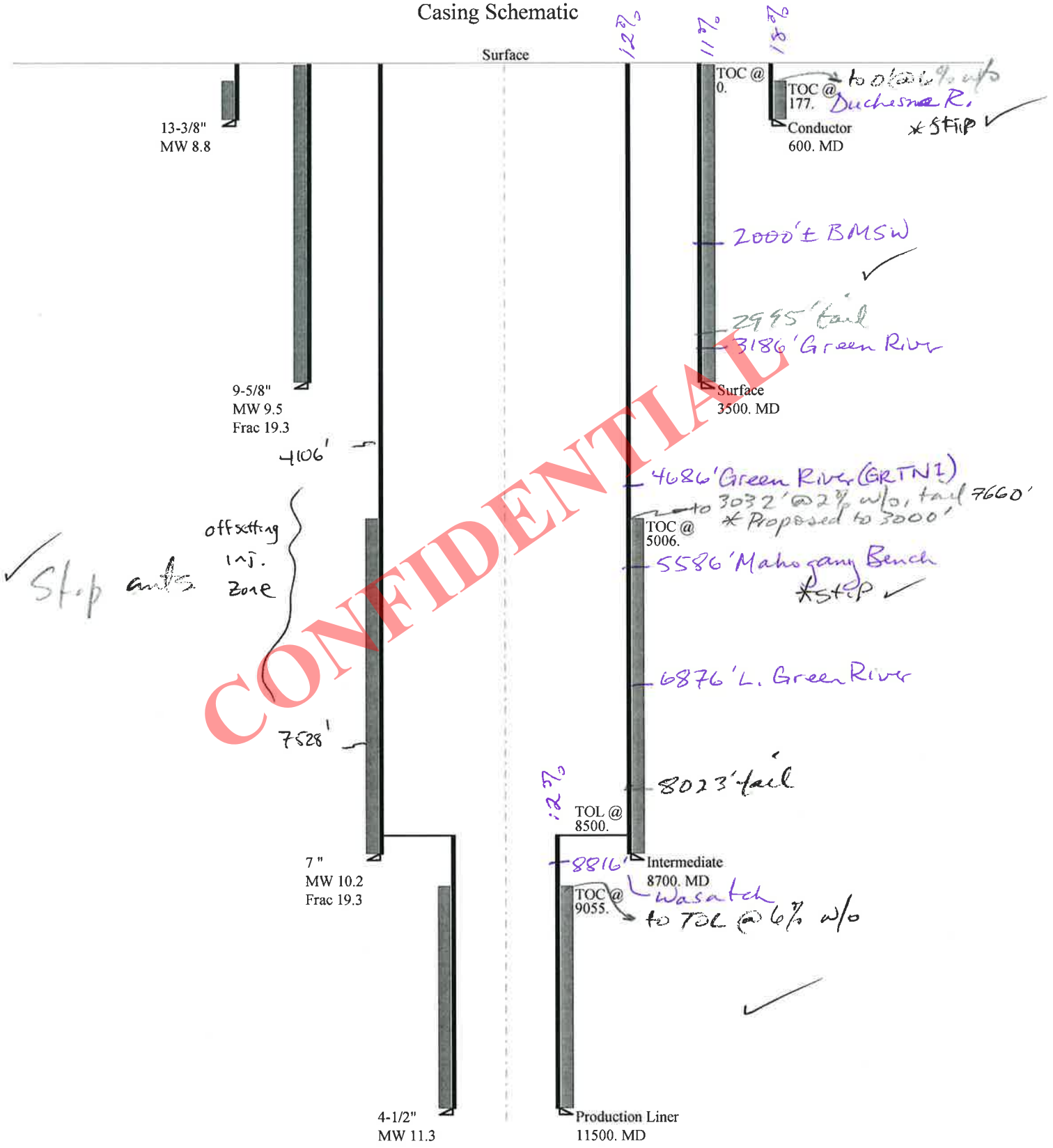
Calculations	L1 String	4.500	"	
Max BHP (psi)	.052*Setting Depth*MW=	6757		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	5377	YES	10M BOE w/rotating head, 5M annular, blind
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	4227	YES	rams & mud cross
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	6141	YES	
Required Casing/BOPE Test Pressure=		8687	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		8700	psi	*Assumes 1psi/ft frac gradient

RECEIVED: April 04, 2013

API Well Number: 43013520130000

43013520130000 EP Energy 1-19C4

Casing Schematic



API Well Number: 43013520130000

Well name:	**43013520130000 EP Energy 1-19C4**
Operator:	**EP ENERGY E&P COMPANY, L.P.**
String type:	Conductor
Project ID:	43-013-52013
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 8.800 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 202 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 274 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: 522 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 82 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 177 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	600	13.375	54.50	J-55	ST&C	600	600	12.49	7442

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	274	1130	4.121	274	2730	9.96	32.7	514	15.72 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: March 28,2013
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 600 ft, a mud weight of 8.8 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.

Engineering responsibility for use of this design will be that of the purchaser.

API Well Number: 43013520130000

Well name:	**43013520130000 EP Energy 1-19C4**
Operator:	**EP ENERGY E&P COMPANY, L.P.**
String type:	Surface
Project ID:	43-013-52013
Location:	DUCHESNE COUNTY

Design parameters:

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

Burst
Max anticipated surface pressure: 2,696 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 3,466 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: 3,005 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 123 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: Surface

Non-directional string.

Re subsequent strings:
Next setting depth: 8,700 ft
Next mud weight: 10.200 ppg
Next setting BHP: 4,610 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 3,500 ft
Injection pressure: 3,500 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	3500	9.625	40.00	N-80	LT&C	3500	3500	8.75	44537

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	1727	3090	1.789	3466	5750	1.66	140	737	5.26 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: March 28,2013
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 3500 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.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**43013520130000 EP Energy 1-19C4**
Operator:	**EP ENERGY E&P COMPANY, L.P.**
String type:	Intermediate
Project ID:	43-013-52013
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 10.200 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 4,221 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 6,135 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: 7,357 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 196 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 5,006 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 11,500 ft
Next mud weight: 11.300 ppg
Next setting BHP: 6,751 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 8,700 ft
Injection pressure: 8,700 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	8700	7	29.00	P-110	LT&C	8700	8700	6.059	98246

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	4610	8530	1.850	6135	11220	1.83	252.3	797	3.16 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: March 28,2013
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 8700 ft, a mud weight of 10.2 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.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**43013520130000 EP Energy 1-19C4**
Operator:	**EP ENERGY E&P COMPANY, L.P.**
String type:	Production Liner
Project ID:	43-013-52013
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 11.300 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 4,221 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 6,751 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: 11,000 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 235 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 9,056 ft

Liner top: 8,500 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	3000	4.5	13.50	P-110	LT&C	11500	11500	3.795	16810

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	6751	10680	1.582	6751	12410	1.84	40.5	338	8.35 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: March 28,2013
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 11500 ft, a mud weight of 11.3 ppg The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator EP ENERGY E&P COMPANY, L.P.
Well Name EP Energy 1-19C4
API Number 43013520130000 **APD No** 7462 **Field/Unit** ALTAMONT
Location: 1/4,1/4 NENE **Sec** 19 **Tw** 3.0S **Rng** 4.0W 800 FNL 800 FEL
GPS Coord (UTM) **Surface Owner** EP Energy E&P Company, L.P.

Participants

Wayne Garner (E&P Energy); Dennis Ingram (Utah Division of Oil, Gas & Mining)

Regional/Local Setting & Topography

The proposed EP Energy 1-19C4 well is located approximately 3.53 miles north of Duchesne Utah, along US Highway 87, then exit east on county road at 6000 South for 0.80 miles, then south across access road after construction. The immediate surface area at the site is nearly flat, and slopes gently to the south. Two large drainages are found approximately a quarter mile to the southwest, and another southeast of this project. Both of those drainages run southeasterly for nearly two miles and drain into the easterly running Duchesne River drainage system. To the north, Blue Bench rises slowly into table-top, bench like habitat that was farmed for alfalfa in the early 1900s. The Duchesne River Drainage is also found just over a mile west of this proposed well pad, where it drains southerly to the town of Duchense before turning east.

Surface Use Plan

Current Surface Use
Recreational
Grazing

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.18	**Width** 342 **Length** 425	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Sparse vegetation, rabbit brush, sagebrush, bunch grass; potential mule deer use, coyote, rabbit, fox, birds native to region, smaller mammals.

Soil Type and Characteristics

Reddish brown, fine-grained sands with some clays present

Erosion Issues N

Sedimentation Issues N

RECEIVED: April 09, 2013

API Well Number: 43013520130000

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? Y

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potental 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

Reserve pit is proposed on the north side of location, in cut measuring 110' wide by 150' long by 12' deep, and having prevailing winds from the west.

Closed Loop Mud Required? **Liner Required?** Y **Liner Thickness** 20 **Pit Underlayment Required?**

Other Observations / Comments

Sparse vegetation cover, land owned by E&P Energy, surface slopes gently to the south, no ditches or drainages observed, Duchesne Municipal Airport located approximately 1.0 miles southwest of proposed location.

Dennis Ingram	3/14/2013
Evaluator	**Date / Time**

RECEIVED: April 09, 2013

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
7462	43013520130000	LOCKED	OW	P	No

Operator	EP ENERGY E&P COMPANY, L.P.	**Surface Owner-APD**	EP Energy E&P Company, L.P.
Well Name	EP Energy 1-19C4	**Unit**	
Field	ALTAMONT	**Type of Work**	DRILL
Location	NENE 19 3S 4W U 800 FNL 800 FEL GPS Coord (UTM) 553362E 4451354N		

Geologic Statement of Basis

El Paso proposes to set 600 feet of conductor and 3,500 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 17 water wells within a 10,000 foot radius of the center of Section 19. These wells probably produce water from the Duchesne River Formation and associated alluvium. Depths of the wells fall in the range of 30-400 feet. Depth is not listed for 1 well. The wells are listed as being used for irrigation, stock watering, municipal and domestic. Duchesne City has several shallow municipal wells approximately 1.5 miles northwest of the proposed location. The proposed drilling, casing and cement program should adequately protect the highly used Duchesne River aquifer.

Brad Hill — **APD Evaluator**

3/26/2013 — **Date / Time**

Surface Statement of Basis

A presite meeting was scheduled and done on March 14, 2013 to take input and address issues regarding the permitting and construction of this well pad. E&P Energy was shown as the landowner of record, and their interests represented by Wayne Garner. This land was purchased by the operator to accommodate the former surface owner.

The operator has proposed a reserve pit along the north side of the location, in cut, and having prevailing winds from the west. The reserve pit shall be lined with a 20 mil synthetic liner as stipulated in the Application to Drill, and fenced to keep livestock or children in the area from entering same. There aren't any drainage or diversion issues on this site; however, the operator shall berm the location to prevent fluids from leaving site onto adjacent lands. The operator shall also follow any rules Duchesne City would have with structures near an airport, such as lighting.

Dennis Ingram — **Onsite Evaluator**

3/14/2013 — **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. This pit shall also be fenced to keep livestock from entering.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

RECEIVED: April 09, 2013

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 2/5/2013
API NO. ASSIGNED: 43013520130000
WELL NAME: EP Energy 1-19C4
OPERATOR: EP ENERGY E&P COMPANY, L.P. (N3850)
PHONE NUMBER: 713 997-5038
CONTACT: Maria S. Gomez

PROPOSED LOCATION: NENE 19 030S 040W
Permit Tech Review: ☑
SURFACE: 0800 FNL 0800 FEL
Engineering Review: ☑
BOTTOM: 0800 FNL 0800 FEL
Geology Review: ☑
COUNTY: DUCHESNE
LATITUDE: 40.21090
LONGITUDE: -110.37292
UTM SURF EASTINGS: 553362.00
NORTHINGS: 4451354.00
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 - bhill
8 - Cement to Surface -- 2 strings - hmacdonald
13 - Cement Volume Formation (3a) - ddoucet

RECEIVED: April 09, 2013

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: EP Energy 1-19C4
API Well Number: 43013520130000
Lease Number: Fee
Surface Owner: FEE (PRIVATE)
Approval Date: 4/9/2013

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 3000' MD as specified in the drilling plan, in order to adequately isolate the Green River formation.

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:

For John Rogers
Associate Director, Oil & Gas

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: EP Energy 1-19C4

2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.

9. API NUMBER: 43013520130000

3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002 **PHONE NUMBER:** 713 997-5038 Ext

9. FIELD and POOL or WILDCAT: ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0776 FNL 0760 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 19 Township: 03.0S Range: 04.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 4/22/2013	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

EP needs to make modification to accommodate the Rig 307 for this location and surface location is moving from 800' FNL & 800' FEL to 776' FNL & 760' FEL.

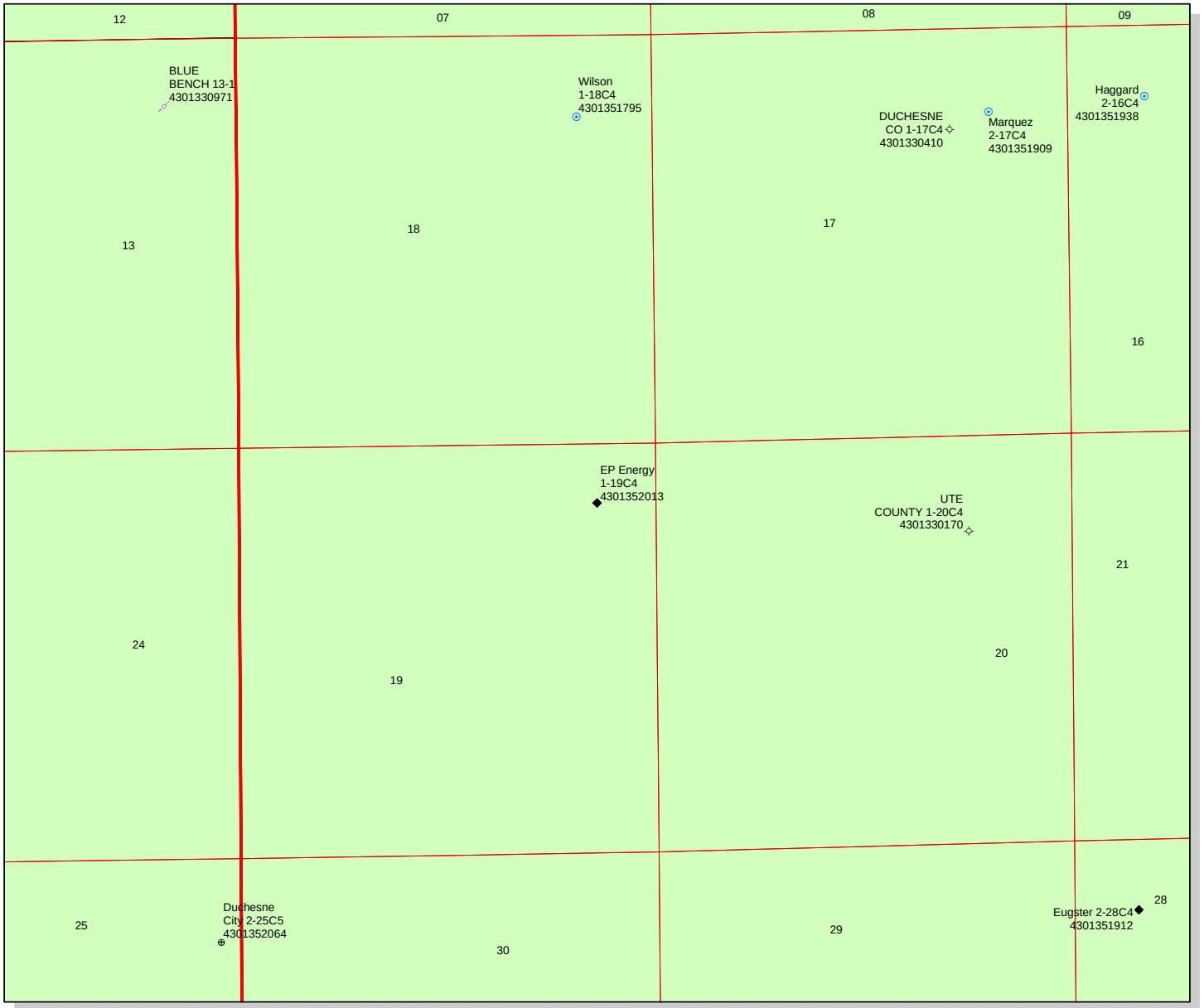
Approved by the Utah Division of Oil, Gas and Mining

Date: June 04, 2013

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst
SIGNATURE N/A		**DATE** 5/9/2013

RECEIVED: May. 09, 2013



API Number: 4301352013

Well Name: EP Energy 1-19C4

Township T03.0S Range R04.0W Section 19

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 GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

1,700 850 0 1,700 Feet

1:15,885

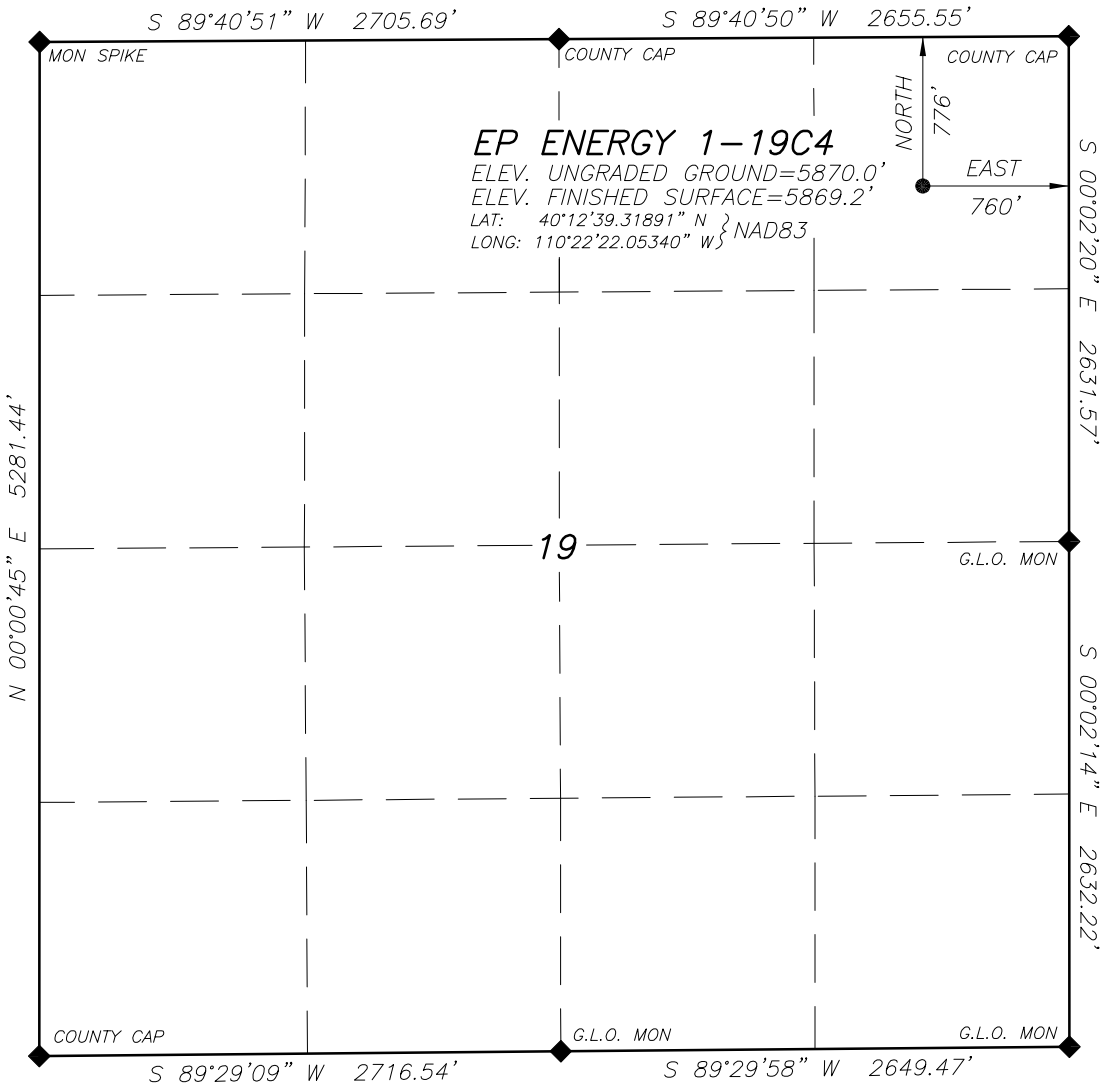
RECEIVED: May. 31, 2013

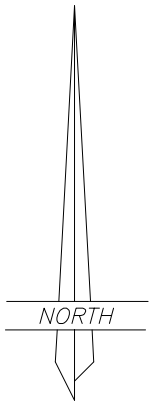
EP ENERGY E & P COMPANY, L.P.

WELL LOCATION

EP ENERGY 1-19C4

LOCATED IN THE NE¼ OF THE NE¼ OF SECTION 19, T3S, R4W, U.S.B.&M. DUCHESNE COUNTY, UTAH





SCALE: 1"=1000'

0 1000

NOTE:
NAD27 VALUES FOR WELL POSITION:
LAT:40.210964814° N
LONG:110.372081722° W

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

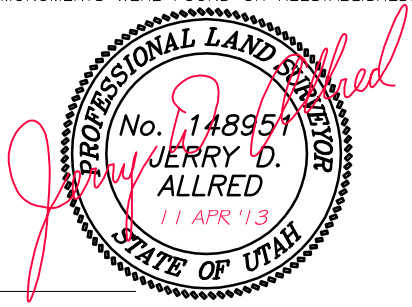
THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT THE SECTION CORNER LOCATED AT LAT. 40°15'22.90258"N AND LONG. 110°23'21.19760"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

BASIS OF ELEVATIONS: NAVD 88 DATUM USING THE UTAH REFERENCE NETWORK CONTROL SYSTEM

REV 11 APR 2013
REV 17 JAN 2013
3 SEP 2012 01-128-315

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)

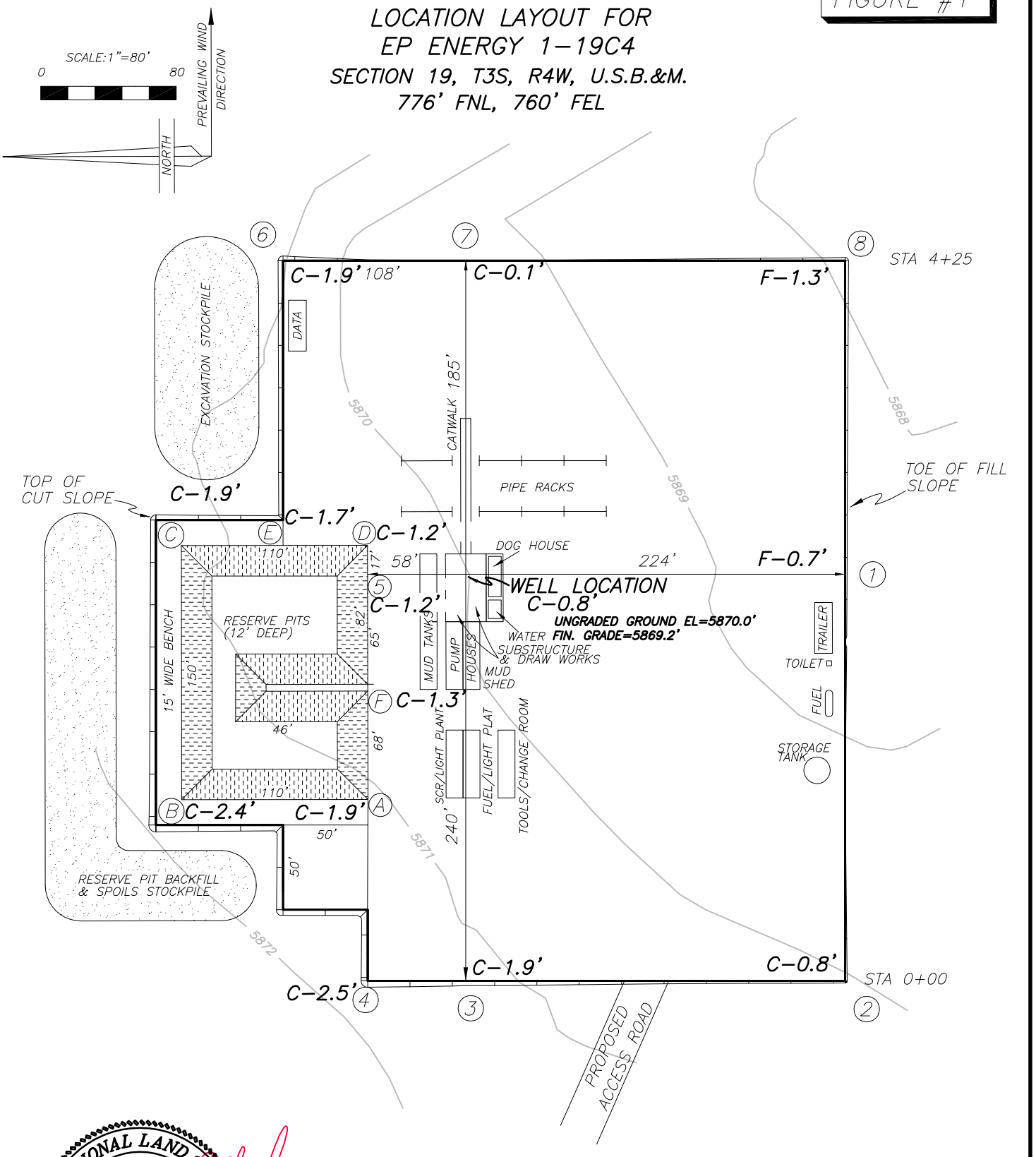
JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

RECEIVED: May. 09, 2013

EP ENERGY E & P COMPANY, L.P.

FIGURE #1

LOCATION LAYOUT FOR
EP ENERGY 1-19C4
SECTION 19, T3S, R4W, U.S.B.&M.
776' FNL, 760' FEL



PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
11 APR '13
STATE OF UTAH

11 APR 2013 REV
13 SEP 2012 01-128-315

JERRY D. ALLRED & ASSOCIATES
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(435) 738-5352

RECEIVED: May. 09, 2013

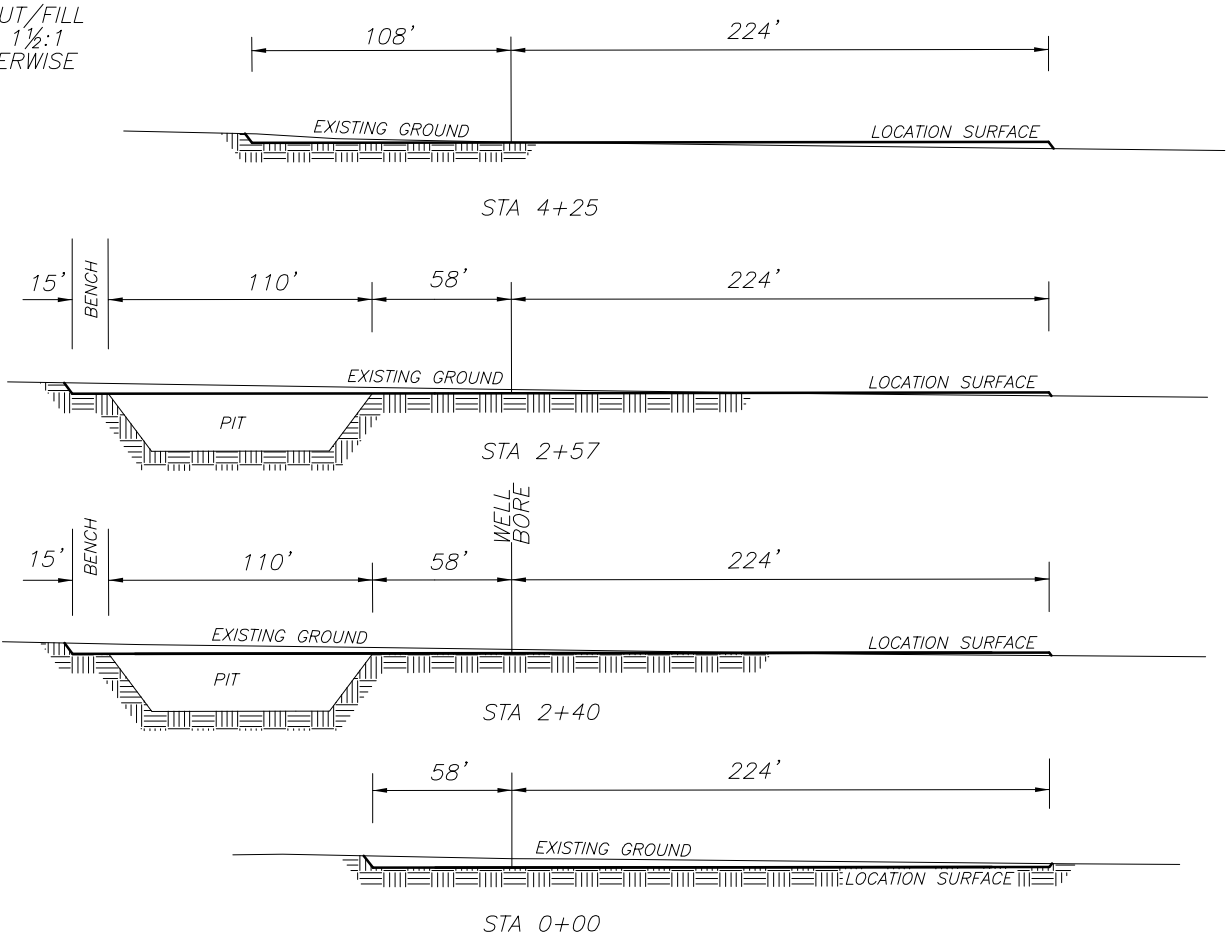
EP ENERGY E & P COMPANY, L.P.

FIGURE #2

LOCATION LAYOUT FOR
EP ENERGY 1-19C4
SECTION 19, T3S, R4W, U.S.B.&M.
776' FNL, 760' FEL

X-SECTION SCALE
1"=40'
1"=80'

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



APPROXIMATE QUANTITIES

TOTAL CUT (INCLUDING PIT) = 10,329 CU. YDS.

PIT CUT = 4955 CU. YDS.
TOPSOIL STRIPPING: (6") = 2887 CU. YDS.
REMAINING LOCATION CUT = 2487 CU. YDS

TOTAL FILL = 1551 CU. YDS.

LOCATION SURFACE GRAVEL=1598 CU. YDS. (4" DEEP)

ACCESS ROAD GRAVEL=241 CU. YDS.

PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
11 APR '13
STATE OF UTAH

11 APR 2013 REV
13 SEP 2012 01-128-315

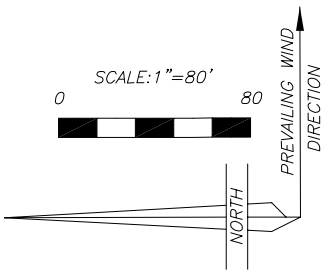
JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

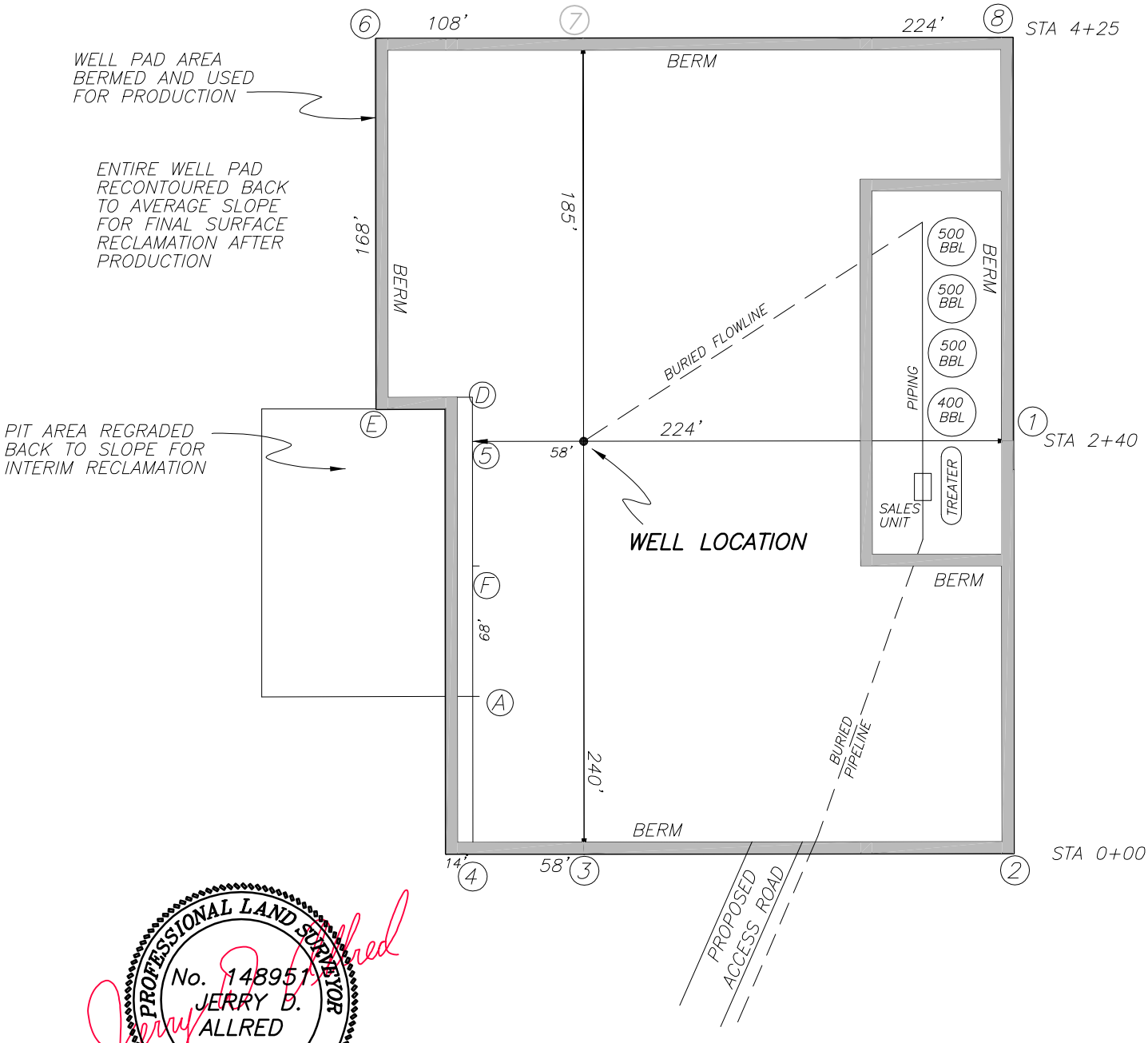
RECEIVED: May. 09, 2013

EP ENERGY E & P COMPANY, L.P.

FIGURE #3

LOCATION LAYOUT FOR
EP ENERGY 1-19C4
SECTION 19, T3S, R4W, U.S.B.&M.
776' FNL, 760' FEL





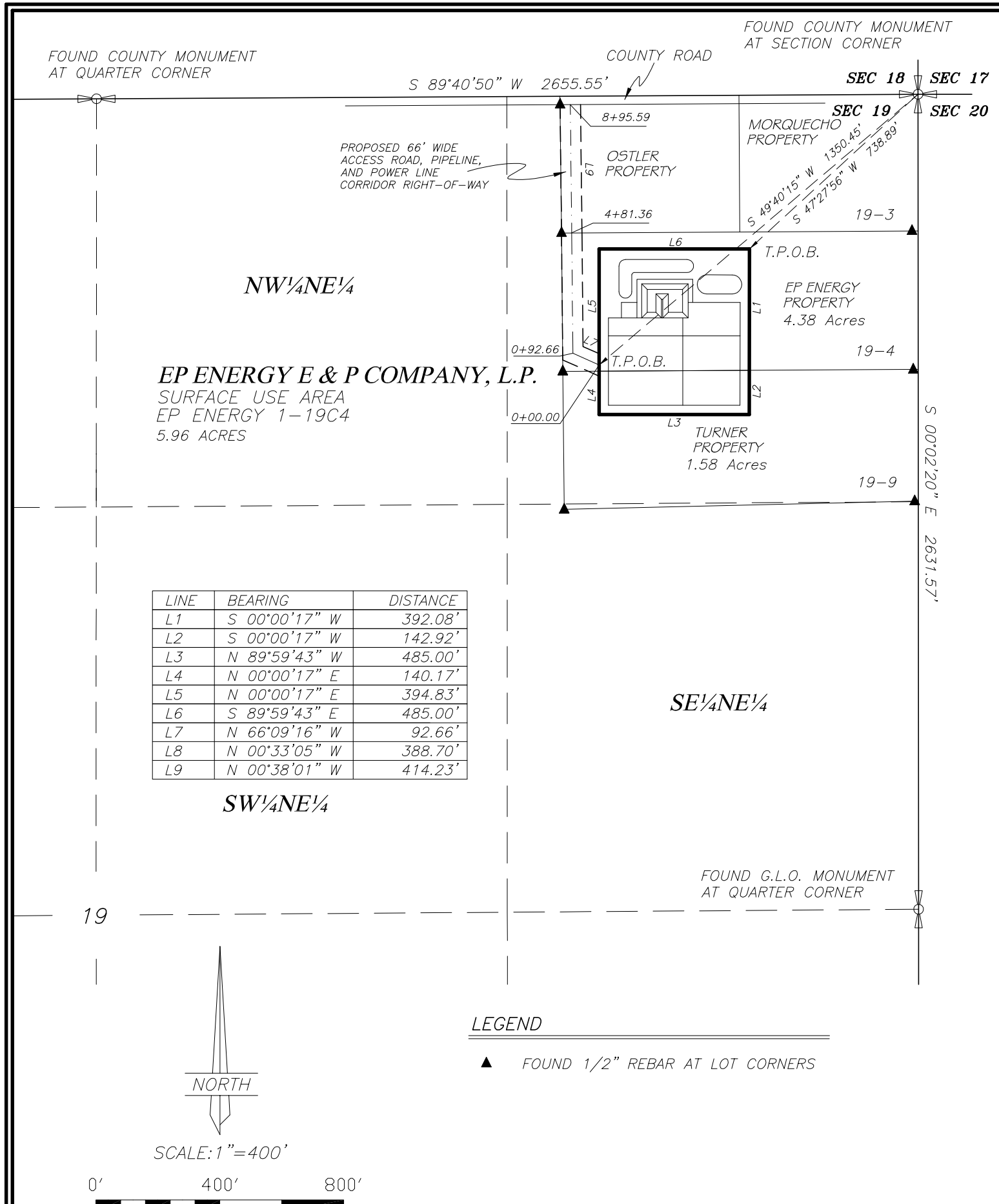
PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
11 APR '13
STATE OF UTAH

Jerry D. Allred

11 APR 2013 REV
13 SEP 2012 01-128-315

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

RECEIVED: May. 09, 2013



LINE	BEARING	DISTANCE
L1	S 00°00'17" W	392.08'
L2	S 00°00'17" W	142.92'
L3	N 89°59'43" W	485.00'
L4	N 00°00'17" E	140.17'
L5	N 00°00'17" E	394.83'
L6	S 89°59'43" E	485.00'
L7	N 66°09'16" W	92.66'
L8	N 00°33'05" W	388.70'
L9	N 00°38'01" W	414.23'

LEGEND

▲ FOUND 1/2" REBAR AT LOT CORNERS

LOCATION USE AREA AND ACCESS ROAD, POWER LINE, AND PIPELINE CORRIDOR RIGHT-OF-WAY SURVEY FOR

EP ENERGY E&P COMPANY, L.P.

EP ENERGY 1-19C4

SECTION 19, T3S, R4W, U.S.B.&M.

DUCHESNE COUNTY, UTAH

USE AREA BOUNDARY DESCRIPTION

Commencing at Northeast Corner of Section 19, Township 3 South, Range 4 West of the Uintah Special Base and Meridian;
Thence South 47°27'56" West 738.89 feet to the TRUE POINT OF BEGINNING;
Thence South 00°00'17" West 535.00 feet;
Thence North 89°59'43" West 485.00 feet;
Thence North 00°00'17" East 535.00 feet;
Thence South 89°59'43" East 485.00 feet to the TRUE POINT OF BEGINNING, containing 5.96 acres.

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

A 66 feet wide access road, pipeline, and power line corridor right-of-way over portions of Section 19, Township 3 South, Range 4 West of the Uintah Special Base and Meridian, the centerline of said right-of-way being further described as follows;
Thence South 49°40'15" West 1350.45 feet to the TRUE POINT OF BEGINNING, said point being on the West line of the EP Energy E&P Co. EP Energy 1-19C4 well location surface use area boundary;
Thence North 66°09'16" West 92.66 feet;
Thence North 00°33'05" West 388.70 feet;
Thence North 00°38'01" West 414.23 feet to the South line of a County Road. Said right-of-way being 895.59 feet in length with the side lines being shortened or elongated to intersect said use area boundary and said South road line.

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.

PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
10 APR '13
STATE OF UTAH

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

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

REV 10 APR 2013
REV 17 JAN 2013
3 SEP 2012 01-128-315

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

CONFIDENTIAL

24hrs Spud Notice: EP Energy 1-19C4 API # 43013520130000

LANDRIG007 (Patterson 307) <LANDRIG007@epenergy.com> Mon, Aug 26, 2013 at 2:43 PM
To: "alexishuefner@utah.gov" <alexishuefner@utah.gov>, "caroldaniels@utah.gov" <caroldaniels@utah.gov>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>, "Gaydos, Tommy L" <Tommy.Gaydos@epenergy.com>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "Morales, Lisa" <Lisa.Morales@epenergy.com>

3S 4W 19

Re: Well Name: EP Energy 1-19C4

API Well Number: 43013520130000

Duchesne County, Utah

We are setting up to Spud & set 20" Structal casing to +/- 40' & Set 13-3/8" Conductor to +/- 600' on the EP Energy 1-19C4 well within 24hrs.

EP Energy

Patterson Rig 307

713-997-1255 RIG

EP ENERGY

RECEIVED
AUG 26 2013
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

NE NE S-19 T03S R04W

24hrs Spud Notice: EP Energy 1-19C4 API # 43013520130000

LANDRIG007 (Patterson 307) <LANDRIG007@epenergy.com> Fri, Aug 30, 2013 at 7:44 AM
To: "alexishuefner@utah.gov" <alexishuefner@utah.gov>, "caroldaniels@utah.gov" <caroldaniels@utah.gov>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>, "Gaydos, Tommy L" <Tommy.Gaydos@epenergy.com>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "Morales, Lisa" <Lisa.Morales@epenergy.com>

Re: Well Name: EP Energy 1-19C4

API Well Number: 43013520130000

Duchesne County, Utah

We set 20" Structal casing to 40' & Spud the 17-1/2" hole on 8/30/13 at 14:00hrs with Leon Ross Drilling Rig 26 we plan on running & cementing the 13-3/8" Conductor to +/- 600' on the EP Energy 1-19C4 well within 24hrs. After completion of this section, drilling will resume when we move in Patterson UTI rig 307.

EP Energy

Patterson Rig 307

713-997-1255 RIG

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AUG 3 0 2013
DIV. OF OIL, GAS & MINING

EP

CONFIDENTIAL CONFIDENTIAL

NENE NENW 5-19 T03S R04W

24hr Notice Cement Casing: EP Energy 1-19C4 API # 43013520130000

LANDRIG007 (Patterson 307) <LANDRIG007@epenergy.com> Sun, Sep 22, 2013 at 10:41 AM
To: "alexishuefner@utah.gov" <alexishuefner@utah.gov>, "caroldaniels@utah.gov" <caroldaniels@utah.gov>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>, "Gaydos, Tommy L" <Tommy.Gaydos@epenergy.com>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "Morales, Lisa" <Lisa.Morales@epenergy.com>

Re: Well Name: EP Energy 1-19C4

API Well Number: 43013520130000

Duchesne County, Utah

We plan on cementing 7" 29# HCP-110 LT&C Intermediate casing to +/- 8,700' within 24hrs.

EP Energy

Patterson Rig 307

713-997-1255 RIG

EP ENERGY

RECEIVED
SEP 2 2 2013
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

NENE S-19 T03S R04W

24hr Notice Run Casing: EP Energy 1-19C4 API # 43013520130000

LANDRIG007 (Patterson 307) <LANDRIG007@epenergy.com> Fri, Sep 20, 2013 at 8:19 PM
To: "alexishuefner@utah.gov" <alexishuefner@utah.gov>, "caroldaniels@utah.gov" <caroldaniels@utah.gov>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>, "Gaydos, Tommy L" <Tommy.Gaydos@epenergy.com>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "Morales, Lisa" <Lisa.Morales@epenergy.com>

Re: Well Name: EP Energy 1-19C4

API Well Number: 43013520130000

Duchesne County, Utah

We plan on running 7" 29# HCP-110 LT&C Intermediate casing to +/- 8,700' within 24hrs.

EP Energy

Patterson Rig 307

713-997-1255 RIG

EP ENERGY

RECEIVED

SEP 20 2013

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

NENE Sec-19 T03S R04W 4301352013

24hr Notice Run Casing: EP Energy 1-19C4 API # 43013520130000

LANDRIG007 (Patterson 307) <LANDRIG007@epenergy.com> Thu, Sep 26, 2013 at 9:30 AM
To: "alexishuefner@utah.gov" <alexishuefner@utah.gov>, "caroldaniels@utah.gov" <caroldaniels@utah.gov>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>, "Gaydos, Tommy L" <Tommy.Gaydos@epenergy.com>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "Morales, Lisa" <Lisa.Morales@epenergy.com>

Re: Well Name: EP Energy 1-19C4

API Well Number: 43013520130000

Duchesne County, Utah

We plan on running 5" 18# HCP-110 STL Production casing to +/- 11,300' within 24hrs.

EP Energy

Patterson Rig 307

713-997-1255 RIG

EP ENERGY

RECEIVED
SEP 2 6 2013
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

NENE S-19 T03S R04W 4301352013

24hr Notice Cement Casing: EP Energy 1-19C4 API # 43013520130000

LANDRIG007 (Patterson 307) <LANDRIG007@epenergy.com> Fri, Sep 27, 2013 at 10:10 AM
To: "alexishuefner@utah.gov" <alexishuefner@utah.gov>, "caroldaniels@utah.gov" <caroldaniels@utah.gov>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>, "Gaydos, Tommy L" <Tommy.Gaydos@epenergy.com>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "Morales, Lisa" <Lisa.Morales@epenergy.com>

Re: Well Name: EP Energy 1-19C4

API Well Number: 43013520130000

Duchesne County, Utah

We plan on cementing 5" 18# HCP-110 STL Production casing to +/- 11,300' within 24hrs.

EP Energy

Patterson Rig 307

713-997-1255 RIG

EP ENERGY

RECEIVED

SEP 27 2013

DIV. OF OIL, GAS & MINING

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:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
EP Energy 1-19C4

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43013520130000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5038 Ext

9. FIELD and POOL or WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0776 FNL 0760 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NENE Section: 19 Township: 03.0S Range: 04.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 10/18/2013	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Initial Completion

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

EP plans to complete to the Wasatch. Please see attached for details.

Approved by the Utah Division of Oil, Gas and Mining

Date: October 22, 2013

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst
SIGNATURE		**DATE**
N/A		10/17/2013

RECEIVED: Oct. 17, 2013

EP Energy 1-19 C4
Initial Completion
43-013-52013

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 ~10,676' – 11,093' with ~5,000 gallons of 15% HCL acid, ~3,000# of 100 mesh sand and ~140,000# PowerProp 20/40.

Stage 2: RU 10K lubricator and test to 10,000 psi with water. Set 10K CBP @ ~10,627'. Test CBP and casing to 8,500 psi. Perforations from ~10,252' – 10,618' with ~5,000 gallons of 15% HCL acid, ~3,000# of 100 mesh sand and ~140,000# PowerProp 20/40.

Stage 3: RU 10K lubricator and test to 10,000 psi with water. Set 10K CBP @ ~10,199'. Test CBP and casing to 8,500 psi. Perforations from ~9,945 – 10,189' with ~5,000 gallons of 15% HCL acid, ~3,000# of 100 mesh sand and ~155,000# TLC 20/40.

Stage 4: RU 10K lubricator and test to 10,000 psi with water. Set 10K CBP @ ~9,922'. Test CBP and casing to 8,500 psi. Perforations from ~9,640' – 9,912' 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 @ ~9,630'. Test CBP and casing to 8,500 psi. Perforations from ~9,343' – 9,620' with ~5,000 gallons of 15% HCL acid, ~3,000# of 100 mesh sand and ~155,000# TLC 20/40.

Stage 6: RU 10K lubricator and test to 10,000 psi with water. Set 10K CBP @ ~9,326'. Test CBP and casing to 8,500 psi. Perforations from ~9,119' – 9,316' with ~5,000 gallons of 15% HCL acid, ~3,000# of 100 mesh sand and ~135,000# PowerProp 20/40.

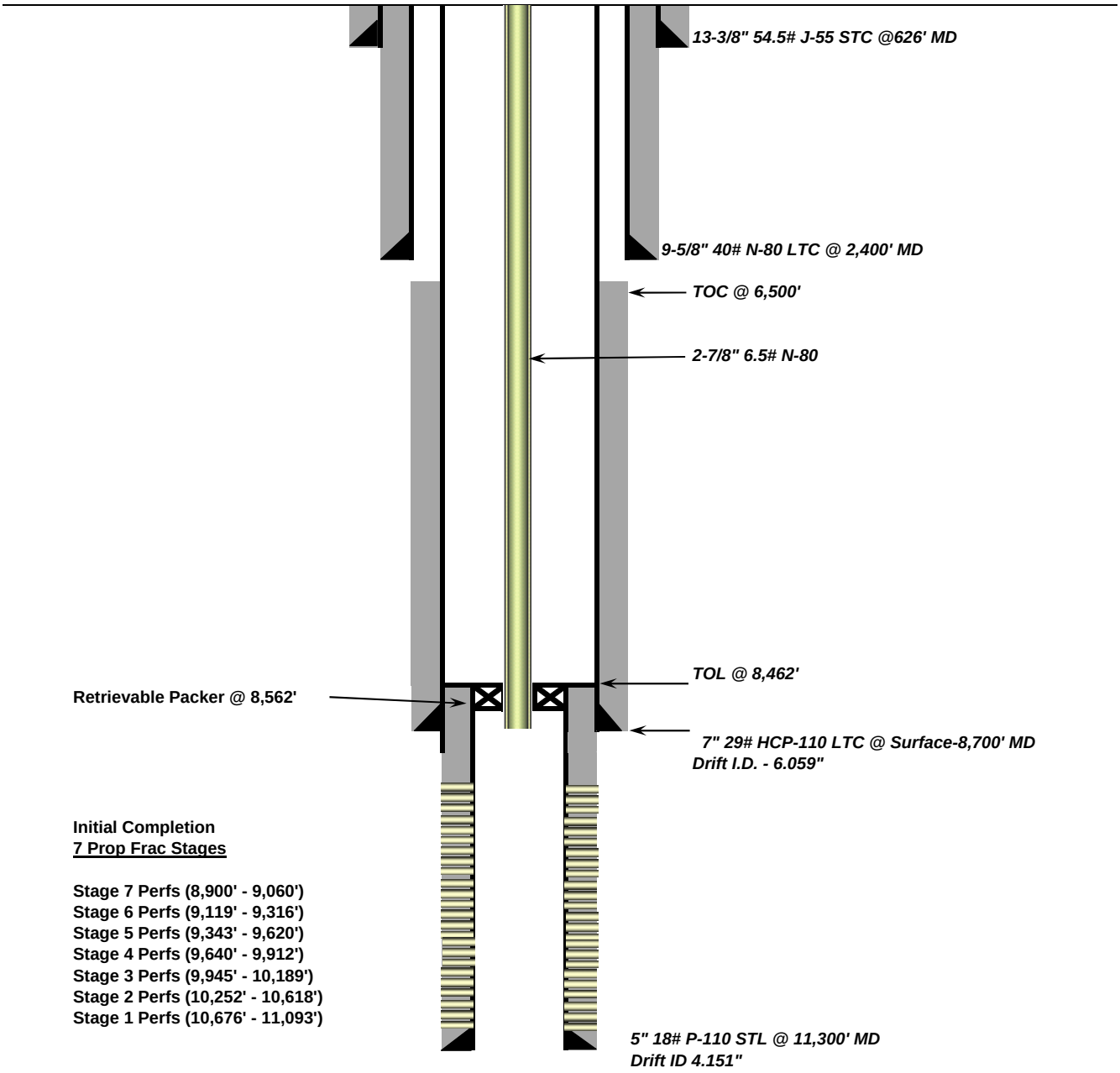
Stage 7: RU 10K lubricator and test to 10,000 psi with water. Set 10K CBP @ ~9,070'. Test CBP and casing to 8,500 psi. Perforations from ~8,900' – 9,060' with ~5,000 gallons of 15% HCL acid, ~3,000# of 100 mesh sand and ~135,000# PowerProp 20/40.

RECEIVED: Oct. 17, 2013

EP ENERGY

Initial Completion Wellbore Schematic

Company Name:	*EP Energy*	**Last Updated:**	***10/11/2013***
Well Name:	***EP Energy 1-19C4***	**By:**	*Robert Fondren*
Field, County, State:	*Altamont - Bluebell, Duchesne, Utah*	**TD:**	*11,300'*
Surface Location:	*Lat: 40° 12' 39.081" N Long: 110° 22' 22.567" W*	**BHL:**	
Producing Zone(s):	*Wasatch*	**Elevation:**	



RECEIVED: Oct. 17, 2013

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:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
EP Energy 1-19C4

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43013520130000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5038 Ext

9. FIELD and POOL or WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0776 FNL 0760 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NENE Section: 19 Township: 03.0S Range: 04.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☑ SUBSEQUENT REPORT Date of Work Completion: 10/24/2014	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☑ OTHER	OTHER: tubing pump

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

Installed tubing pump. See attached for further details.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
January 07, 2015

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst
SIGNATURE		**DATE**
N/A		1/2/2015

RECEIVED: Jan. 02, 2015

CENTRAL DIVISION

ALTAMONT FIELD
EP ENERGY 1-19C4
EP ENERGY 1-19C4
WORKOVER LAND

Operation Summary Report

RECEIVED: Jan. 02, 2015

1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	EP ENERGY 1-19C4		
Project	ALTAMONT FIELD	**Site**	EP ENERGY 1-19C4
Rig Name/No.	PEAK/1100	**Event**	WORKOVER LAND
Start date	10/21/2014	**End date**	10/25/2014
Spud Date/Time	9/13/2013	**UWI**	EP ENERGY 1-19C4
Active datum	KB @5,892.7ft (above Mean Sea Level)		
Afe No./Description	163578/52370 / EP ENERGY 1-19C4		

2 Summary

2.1 Operation Summary

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
10/22/2014	15:00	15:30	0.50	MIRU	01		P		MOVE FROM 4-24B5 TO LOCATION
	15:30	16:30	1.00	MIRU	01		P		SLIDE ROTAFLEX AND RIG UP RIG WHILE PUMPING 100 BBLS 2% KCL DOWN CASING
	16:30	17:30	1.00	UNINARTLT	03		P		UNSEAT ROD PUMP AND LAY DOWN 3 1" RODS. PICK UP POLISH ROD.
	17:30	18:30	1.00	UNINARTLT	18		P		FLUSH RODS WITH 70 BBLS 2% KCL AND SECURE WELL, SUT DOWN FOR DAY
10/23/2014	6:00	7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; TRIPPING RODS
	7:00	10:00	3.00	WOR	39		P		CSIP 0 PSI TSIP 0 PSI TOH w 79-1" RODS 124-7/8" RODS SCALE AND PITTING FORM 2775' TO 5125' (94 RODS) 105-3/4" RODS L/D 16- 1 1/2" KBARS L/D PUMP
	10:00	13:00	3.00	WOR	16		P		N/D WELL HEAD N/U BOPE RELEASE 7" TAC
	13:00	17:30	4.50	WOR	39		P		R/U SCANNING EQUIPMENT SCAN OUT w 255 JTS- OF 2 7/8" TBG 48-JTS OF RED 54-JTS OF BLUE 153-JTS OF YELLOW
	17:30	19:00	1.50	SL	32		P		MIRU SLICKLINE TIH TAG TD AT 11180' PBTD 11171' TOH RDMO SECURE WELL SDFN
10/24/2014	6:00	7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; TRIPPING TUBING
	7:00	10:00	3.00	WOR	39		P		TALLY AND P/U 5 3/4" NO-GO SOILID PLUG 2-JTS OF 2 7/8" TBG 5 1/2" PBGA w DIP TUBE 4' X 2 7/8" TBG SUN 2' X 2 7/8" TBG SUB MECH PSN PUMP BARREL 4' X 2 7/8" TBG SUB 4-JTS OF 2 7/8" TBG 7" TAC 167 JTS OF 2 7/8" TBG
	10:00	12:00	2.00	WOR	16		P		SET 7" TAC ND/ BOPE N/U WELL HEAD DROP STANDING VALVE FLUSH TBG PRESSURE TBG TO 1000 PSI GOOD
	12:00	16:30	4.50	WOR	39		P		P/U PLUNGER POLISH ROD 14-K BARS 49-3/4" RODS TIH w 124-7/8 RODS TOH L/D 94-7/8 "SCALE AND PITTED RODS P/U 57-7/8" RODS TTL OF 87-7/8" RODS 102-1" RODS ATTEMPT TO SPACE OUT WELL FAILED FORGOT TO P/U 12 MORE -K BARS
	16:30	18:00	1.50	WOR	39		P		TIH w RODS TO TOP OF K-BARS
	18:00	19:30	1.50	WOR	39		P		P/U 12-MORE K BAR TIH w 49-3/4" RODS 87-7/8" RODS 102-1" RODS P/U POLISH ROD SECURE WELL SDFN
10/25/2014	6:00	7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIG OPERATIONS

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	7:00 9:00	2.00	MIRU	01		P		SPACE OUT AND TEST PUMP GOOD RDMO SLIDE UINT TURN WELL OVER TO PRODUCTION

Table of Contents

RECEIVED: Jan. 02, 2015

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:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
EP Energy 1-19C4

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43013520130000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5038 Ext

9. FIELD and POOL or WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0776 FNL 0760 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NENE Section: 19 Township: 03.0S Range: 04.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 2/27/2015	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: ESP

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

Install ESP.

Approved by the
Utah Division of
Oil, Gas and Mining
February 26, 2015

Date:

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst
SIGNATURE		**DATE**
N/A		2/25/2015

RECEIVED: Feb. 25, 2015

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

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
EP Energy 1-19C4

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43013520130000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5038 Ext

9. FIELD and POOL or WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0776 FNL 0760 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NENE Section: 19 Township: 03.0S Range: 04.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 3/19/2015	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
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	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: See Below

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
EP converted well to ESP. See attached for details.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
May 14, 2015

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst
SIGNATURE		**DATE**
N/A		5/14/2015

CENTRAL DIVISION

ALTAMONT FIELD
EP ENERGY 1-19C4
EP ENERGY 1-19C4
WORKOVER LAND

Operation Summary Report

RECEIVED: May. 14, 2015

1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	EP ENERGY 1-19C4		
Project	ALTAMONT FIELD	**Site**	EP ENERGY 1-19C4
Rig Name/No.	NABORS DRILLING/1446	**Event**	WORKOVER LAND
Start date	3/16/2015	**End date**	3/20/2015
Spud Date/Time	9/13/2013	**UWI**	EP ENERGY 1-19C4
Active datum	KB @5,892.7ft (above Mean Sea Level)		
Afe No./Description	164419/53553 / EP ENERGY 1-19C4		

2 Summary

2.1 Operation Summary

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
3/17/2015	6:00	7:00	1.00	PRDHEQ	28		P		CREW TRAVEL WRITE & REVIEW JSA ON ELECTRICAL SAFETY
	7:00	8:30	1.50	MIRU	01		P		SLIDE ROTAFLEX BACK, MIRU, PUMP 60 BBLS HOT 2% KCL DOWN CSG
	8:30	9:30	1.00	PRDHEQ	18		P		BLOW DOWN TBG, L/D POLISH ROD, P/U 2-1" RODS, R/U BACK OFF TOOL & TONGS, SCREW INTO & UNSEAT STANDING VALVE
	9:30	10:30	1.00	PRDHEQ	06		P		L/D 5-1" RODS, R/U HOTOILER FLUSH RODS W/ 60 BBLS 2%
	10:30	13:00	2.50	PRDHEQ	39		P		POOH LAY DOWN 95-1", 87-7/8", 50-3/4", 20-K-BARS & 1 1/2" X 40' POLISH ROD W/ PLUNGER & STANDING VALVE
	13:00	14:30	1.50	PRDHEQ	16	N/D	P		N/D B-FLANGE, N/U 10K X 5K SPOOL & 5K BOPE, R/U WORK FLOOR & TONGS, RELEASE 7" TAC
	14:30	18:00	3.50	PRDHEQ	39		P		R/U PRS, POOH SCANNING TBG W/ 191 JTS 2 7/8", 7" TAC, 4 JTS 2 7/8", R/D PRS HAD 56 YELLOW, 74 BLUE (44 WEAR & 30 PITTING), 66 RED (41 WEAR & 25 PITTING), L/D BHA, 4' X 2 7/8" SUB, 2 7/8" PUMP BARREL, MSN, 2' X 2 7/8" SUB, 5 1/2" PBGA, 2 JTS 2 7/8" & SOLID 5 3/4" NO/GO, SECURE WELL, SDFD.
3/18/2015	6:00	7:00	1.00	PRDHEQ	28		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) HOT OIL OPERATIONS
	7:00	8:30	1.50	SL	32		P		R/U DELSCO, RIH TAGGED FILL @ 11,171', POOH, R/D DELSCO, PBTD @ 11,171', BTM PERF @ 11,093'
	8:30	13:30	5.00	PRDHEQ	39		P		RIH W/ 5 3/4" SOLID NO/GO, 4' X 2 7/8" PERF SUB, P/U 190 NEW JTS 2 7/8", POOH W/ 190 JTS NEW TBG TO DERRICK
	13:30	15:30	2.00	PRDHEQ	16		P		R/D WORK FLOOR, N/D 5K BOPE, 5K X 10K SPOOL, N/U 10K X 5K DSA SPOOL, 3K LANDING SPOOL, 5K BOPE & HYDRILL, R/U WORK FLOOR & TONGS, SECURE WELL, SDFD
3/19/2015	6:00	7:00	1.00	PRDHEQ	28		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) FUELING PROCEDURGES
	7:00	19:00	12.00	PRDHEQ	39		P		CSIP 50 PSI, BLEED OFF CSG, P/U & ASSEMBLE ESP, 2 3/8" CHEMICAL MANDRIL, SENTINAL, MOTOR, DUAL SEAL, INTAKE & 4 PUMPS, SERVICE ESP, RIH BANDING CABLE & 1/4" CAP TUBE TO TBG W/ 4' X 2 7/8", 1 JT 2 7/8", DRAIN SUB, 1 JT 2 7/8", SEAT NIPPLE, 2 JTS 2 7/8" COLLAR STOP & 250 JTS 2 7/8", SPACE OUT CABLE, SPLICE IN CAP TUBE, SPLICE ON LOWER PIG TAIL, LAND TBG, SECURE WELL, SDFD

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2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
3/20/2015	6:00	7:00	1.00	PRDHEQ	28		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) RIGGING DOWN / RIGGING UP
	7:00	10:00	3.00	PRDHEQ	16		P		R/D WORK FLOOR, N/D HYDRILL & 5K BOPE, N/U WELLHEAD, PLUMB IN & TEST FLOW TO 500 PSI, PLUG CABLE IN,
	10:00	15:00	5.00	PRDHEQ	18		P		TRY START ESP, HAVING PROBLEMS WITH DRIVE
	15:00	15:30	0.50	PRDHEQ	18		P		START ESP, PUMPED UP IN 15 MINS, TWOTO, SDFD

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API Well Number: 43013520130000

BHL NE NE Sec 19
BHL 1100' FNL 032' FEL

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

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ DRY ☐ OTHER

b. TYPE OF WORK: NEW WELL ☑ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER: EP Energy 1-19C4

2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.

9. API NUMBER: 4301352013

3. ADDRESS OF OPERATOR: 1001 LOUISIANA CITY HOUSTON STATE TX ZIP 77002

PHONE NUMBER: (713) 997-5038

10 FIELD AND POOL, OR WILDCAT: Altamont

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 776' FNL & 760' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW: 776' FNL & 760' FEL
AT TOTAL DEPTH: 776' FNL & 760' FEL

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 19 3S 4W U

12. COUNTY: Duchesne

13. STATE: UTAH

14. DATE SPUDDED: 4/19/2013

15. DATE T.D. REACHED: 9/26/2013

16. DATE COMPLETED: 10/23/2013 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 5869 GL

18. TOTAL DEPTH: MD 11,300 TVD 11290

19. PLUG BACK T.D.: MD TVD

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Sonic, Gamma Ray, Resistivity & Neutron Density

23.
WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☑ (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	13.325 J-55	54.5	0	626		Prem 750	863	Surface	
12.25	9.625 N-80	40	0	2,400		G 570	1,312	Surface	
8.75	7 HCP110	29	0	8,700		Prem 438	1,196	~1900	
6.125	5 HCP110	18	8,462	11,297		Prem 225	331	8457	

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	8,592							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Wasatch	8754	11,093		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
10,676 11,093	.43	69	Open ☑ Squeezed ☐
10,252 10,618	.43	69	Open ☑ Squeezed ☐
9,945 10,189	.43	69	Open ☑ Squeezed ☐
9,640 9,912	.43	69	Open ☑ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

WAS WELL HYDRAULICALLY FRACTURED? YES ☑ NO ☐ IF YES -- DATE FRACTURED: 10/22/2013

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
10676'-11093'	5000 gals 15% HCL acid, 3000# 100 mesh, 141240# 20/40 PowerProp
10252'-10618'	5000 gals 15% HCL acid, 3000# 100 mesh, 140400# 20/40 Tempered LC
9945'-10189'	5000 gals 15% HCL acid, 3000# 100 mesh, 155780# 20/40 Tempered LC

29. ENCLOSED ATTACHMENTS: Logs have been submitted by vendor

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☑ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: Producing

(5/2013) (CONTINUED ON BACK)

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31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
10/25/2013	11/5/2013	24		1,198	1,080	250	Flowing

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:
16	2,973	0	44.00				921	589	317	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	3973
				Middle Green River	5630
				Lower Green River	6884
				Wasatch	8754

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 11/26/2013

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
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2013)

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Attachment to Well Completion Report

Form 8 Dated November 26, 2013

Well Name: EP Energy 1-19C4

Items #27 and #28 Continued

27. Perforation Record

Interval (Top/Bottom – MD)	Size	No. of Holes	Perf. Status
9343’-9620’	.43	69	Open
9119’-9316’	.43	69	Open
8900’-9060’	.43	69	Open

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

Depth Interval	Amount and Type of Material
9640’-9912’	5000 gal acid, 3000# 100 mesh, 155860# 20/40 Tempered LC
9343’-9620’	5000 gal acid, 3000# 100 mesh, 153840# 20/40 Tempered LC
9119’-9316’	5000 gal acid, 3000# 100 mesh, 135660# 20/40 Tempered LC
8900’-9060’	5000 gal acid, 5700# 100 mesh, 134820# 20/40 Tempered LC

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Company:	EP Energy	**Job Number:**		**Calculation Method**	Minimum Curvature
Well:	EP Energy 1-19C4	**Mag Decl.:**		**Proposed Azimuth**	0.00
Location:	Duchesne, UT	**Dir Driller:**		**Depth Reference**	KB
Rig:	Patterson 307	**MWD Eng:**		**Tie Into:**	Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)		Coordinates E/W (ft)		Closure Distance (ft)	Closure Direction Azimuth	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
Tie In	**0.00**	**0.00**	**0.00**												
1	100.00	0.91	290.75	100.00	100.00	0.28	0.28	N	0.74	W	0.79	290.75	0.91	0.91	290.75
2	200.00	1.18	296.07	100.00	199.98	1.02	1.02	N	2.41	W	2.62	292.84	0.29	0.27	5.32
3	300.00	0.64	336.66	100.00	299.97	1.98	1.98	N	3.56	W	4.07	299.11	0.81	-0.54	40.59
4	400.00	0.97	302.37	100.00	399.96	2.95	2.95	N	4.49	W	5.37	303.26	0.57	0.33	-34.29
5	500.00	0.69	311.83	100.00	499.95	3.80	3.80	N	5.66	W	6.81	303.90	0.31	-0.28	9.46
6	600.00	0.37	322.91	100.00	599.94	4.46	4.46	N	6.30	W	7.72	305.30	0.33	-0.32	11.08
7	700.00	0.74	232.75	100.00	699.94	4.33	4.33	N	7.01	W	8.24	301.69	0.83	0.37	-90.16
8	800.00	0.99	213.98	100.00	799.93	3.22	3.22	N	8.01	W	8.63	291.91	0.37	0.25	-18.77
9	900.00	0.74	187.58	100.00	899.92	1.86	1.86	N	8.57	W	8.77	282.26	0.46	-0.25	-26.40
10	1000.00	0.71	251.08	100.00	999.91	1.02	1.02	N	9.24	W	9.30	276.31	0.76	-0.03	63.50
11	1100.00	0.47	251.79	100.00	1099.90	0.69	0.69	N	10.22	W	10.24	273.88	0.24	-0.24	0.71
12	1200.00	0.68	238.59	100.00	1199.90	0.26	0.26	N	11.12	W	11.12	271.32	0.25	0.21	-13.20
13	1300.00	0.92	224.40	100.00	1299.89	-0.63	0.63	S	12.18	W	12.20	267.05	0.31	0.24	-14.19
14	1400.00	0.67	220.84	100.00	1399.88	-1.64	1.64	S	13.13	W	13.23	262.87	0.25	-0.25	-3.56
15	1500.00	0.70	210.28	100.00	1499.87	-2.61	2.61	S	13.82	W	14.06	259.29	0.13	0.03	-10.56
16	1600.00	0.96	216.19	100.00	1599.86	-3.82	3.82	S	14.62	W	15.11	255.37	0.27	0.26	5.91
17	1700.00	0.90	210.77	100.00	1699.85	-5.17	5.17	S	15.52	W	16.36	251.58	0.11	-0.06	-5.42
18	1800.00	0.94	198.60	100.00	1799.84	-6.62	6.62	S	16.18	W	17.48	247.75	0.20	0.04	-12.17
19	1900.00	1.00	208.49	100.00	1899.82	-8.16	8.16	S	16.86	W	18.73	244.16	0.18	0.06	9.89
20	2000.00	1.41	192.36	100.00	1999.80	-10.13	10.13	S	17.54	W	20.26	239.98	0.53	0.41	-16.13
21	2100.00	1.48	199.73	100.00	2099.77	-12.55	12.55	S	18.24	W	22.14	235.47	0.20	0.07	7.37
22	2200.00	1.83	183.81	100.00	2199.73	-15.36	15.36	S	18.78	W	24.26	230.72	0.57	0.35	-15.92
23	2300.00	1.97	196.94	100.00	2299.67	-18.60	18.60	S	19.39	W	26.86	226.19	0.46	0.14	13.13
24	2352.00	1.88	195.93	52.00	2351.64	-20.27	20.27	S	19.88	W	28.39	224.44	0.18	-0.17	-1.94
25	2533.00	1.68	199.17	181.00	2532.56	-25.63	25.63	S	21.57	W	33.50	220.08	0.12	-0.11	1.79
26	2629.00	1.68	207.76	96.00	2628.51	-28.21	28.21	S	22.69	W	36.20	218.81	0.26	0.00	8.95
27	2725.00	1.59	205.69	96.00	2724.48	-30.65	30.65	S	23.92	W	38.88	217.96	0.11	-0.09	-2.16
28	2821.00	1.50	203.18	96.00	2820.44	-33.01	33.01	S	24.99	W	41.40	217.13	0.12	-0.09	-2.61
29	2917.00	1.59	193.88	96.00	2916.41	-35.46	35.46	S	25.80	W	43.85	216.05	0.28	0.09	-9.69
30	3012.00	1.99	189.08	95.00	3011.36	-38.36	38.36	S	26.38	W	46.56	214.51	0.45	0.42	-5.05
31	3109.00	1.02	152.59	97.00	3108.33	-40.79	40.79	S	26.25	W	48.51	212.76	1.36	-1.00	-37.62
32	3204.00	1.19	151.09	95.00	3203.31	-42.41	42.41	S	25.38	W	49.42	210.90	0.18	0.18	-1.58
33	3298.00	1.28	159.29	94.00	3297.29	-44.24	44.24	S	24.54	W	50.59	209.01	0.21	0.10	8.72
34	3392.00	1.41	170.66	94.00	3391.26	-46.37	46.37	S	23.98	W	52.20	207.35	0.32	0.14	12.10
35	3487.00	1.41	174.98	95.00	3486.23	-48.69	48.69	S	23.69	W	54.14	205.95	0.11	0.00	4.55

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Company:	EP Energy	**Job Number:**		**Calculation Method**	Minimum Curvature
Well:	EP Energy 1-19C4	**Mag Decl.:**		**Proposed Azimuth**	0.00
Location:	Duchesne, UT	**Dir Driller:**		**Depth Reference**	KB
Rig:	Patterson 307	**MWD Eng:**		**Tie Into:**	Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)		Coordinates E/W (ft)		Closure Distance (ft)	Closure Direction Azimuth	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
36	3582.00	1.68	181.90	95.00	3581.20	-51.24	51.24	S	23.63	W	56.43	204.76	0.34	0.28	7.28
37	3676.00	1.99	178.77	94.00	3675.15	-54.25	54.25	S	23.64	W	59.18	203.55	0.35	0.33	-3.33
38	3770.00	1.90	174.89	94.00	3769.10	-57.43	57.43	S	23.47	W	62.04	202.23	0.17	-0.10	-4.13
39	3865.00	1.68	175.07	95.00	3864.05	-60.39	60.39	S	23.21	W	64.70	201.02	0.23	-0.23	0.19
40	3959.00	1.41	172.78	94.00	3958.01	-62.91	62.91	S	22.95	W	66.96	200.04	0.29	-0.29	-2.44
41	4053.00	1.50	173.70	94.00	4051.98	-65.28	65.28	S	22.67	W	69.10	199.15	0.10	0.10	0.98
42	4148.00	1.81	183.57	95.00	4146.94	-68.01	68.01	S	22.62	W	71.68	198.40	0.44	0.33	10.39
43	4242.00	1.90	186.57	94.00	4240.90	-71.04	71.04	S	22.89	W	74.64	197.86	0.14	0.10	3.19
44	4338.00	2.12	183.00	96.00	4336.84	-74.40	74.40	S	23.17	W	77.92	197.30	0.26	0.23	-3.72
45	4432.00	2.21	185.86	94.00	4430.77	-77.94	77.94	S	23.44	W	81.39	196.74	0.15	0.10	3.04
46	4526.00	2.21	186.39	94.00	4524.70	-81.54	81.54	S	23.83	W	84.95	196.29	0.02	0.00	0.56
47	4621.00	2.12	185.60	95.00	4619.63	-85.11	85.11	S	24.21	W	88.49	195.88	0.10	-0.09	-0.83
48	4715.00	2.30	185.47	94.00	4713.56	-88.72	88.72	S	24.56	W	92.05	195.47	0.19	0.19	-0.14
49	4811.00	2.21	186.79	96.00	4809.49	-92.47	92.47	S	24.96	W	95.78	195.10	0.11	-0.09	1.37
50	4907.00	2.39	187.36	96.00	4905.41	-96.30	96.30	S	25.43	W	99.60	194.79	0.19	0.19	0.59
51	5003.00	2.21	189.48	96.00	5001.33	-100.11	100.11	S	25.99	W	103.43	194.56	0.21	-0.19	2.21
52	5098.00	2.30	186.17	95.00	5096.26	-103.81	103.81	S	26.50	W	107.14	194.32	0.17	0.09	-3.48
53	5193.00	2.30	183.00	95.00	5191.18	-107.61	107.61	S	26.81	W	110.90	193.99	0.13	0.00	-3.34
54	5288.00	2.39	183.97	95.00	5286.10	-111.49	111.49	S	27.04	W	114.72	193.63	0.10	0.09	1.02
55	5383.00	2.52	186.17	95.00	5381.01	-115.54	115.54	S	27.40	W	118.75	193.34	0.17	0.14	2.32
56	5478.00	2.61	184.19	95.00	5475.92	-119.77	119.77	S	27.79	W	122.96	193.06	0.13	0.09	-2.08
57	5574.00	2.61	185.60	96.00	5571.82	-124.13	124.13	S	28.16	W	127.28	192.78	0.07	0.00	1.47
58	5669.00	2.61	191.28	95.00	5666.72	-128.40	128.40	S	28.79	W	131.59	192.64	0.27	0.00	5.98
59	5765.00	2.78	192.56	96.00	5762.62	-132.82	132.82	S	29.73	W	136.11	192.62	0.19	0.18	1.33
60	5860.00	2.61	191.37	95.00	5857.51	-137.19	137.19	S	30.66	W	140.57	192.60	0.19	-0.18	-1.25
61	5955.00	2.70	193.97	95.00	5952.41	-141.48	141.48	S	31.62	W	144.97	192.60	0.16	0.09	2.74
62	6051.00	2.70	194.28	96.00	6048.30	-145.87	145.87	S	32.73	W	149.49	192.65	0.02	0.00	0.32
63	6146.00	2.61	193.66	95.00	6143.20	-150.14	150.14	S	33.79	W	153.89	192.68	0.10	-0.09	-0.65
64	6241.00	2.52	191.59	95.00	6238.10	-154.28	154.28	S	34.72	W	158.14	192.68	0.14	-0.09	-2.18
65	6336.00	2.61	189.79	95.00	6333.01	-158.46	158.46	S	35.51	W	162.39	192.63	0.13	0.09	-1.89
66	6432.00	2.52	186.39	96.00	6428.91	-162.71	162.71	S	36.11	W	166.67	192.51	0.18	-0.09	-3.54
67	6527.00	2.61	189.87	95.00	6523.82	-166.92	166.92	S	36.72	W	170.91	192.41	0.19	0.09	3.66
68	6623.00	3.09	192.78	96.00	6619.70	-171.60	171.60	S	37.66	W	175.68	192.38	0.52	0.50	3.03
69	6719.00	1.90	193.27	96.00	6715.61	-175.67	175.67	S	38.60	W	179.86	192.39	1.24	-1.24	0.51
70	6815.00	2.21	196.48	96.00	6811.54	-178.99	178.99	S	39.49	W	183.30	192.44	0.34	0.32	3.34
71	6910.00	2.52	193.27	95.00	6906.46	-182.78	182.78	S	40.49	W	187.21	192.49	0.35	0.33	-3.38
72	7006.00	2.70	193.18	96.00	7002.36	-187.04	187.04	S	41.49	W	191.58	192.51	0.19	0.19	-0.09

RECEIVED: Nov. 26, 2013

Company:	EP Energy	**Job Number:**		**Calculation Method**	Minimum Curvature
Well:	EP Energy 1-19C4	**Mag Decl.:**		**Proposed Azimuth**	0.00
Location:	Duchesne, UT	**Dir Driller:**		**Depth Reference**	KB
Rig:	Patterson 307	**MWD Eng:**		**Tie Into:**	Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)		Coordinates E/W (ft)		Closure Distance (ft)	Closure Direction Azimuth	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
73	7102.00	3.31	194.59	96.00	7098.23	-191.92	191.92	S	42.70	W	196.61	192.54	0.64	0.64	1.47
74	7197.00	2.39	200.89	95.00	7193.11	-196.43	196.43	S	44.10	W	201.32	192.65	1.02	-0.97	6.63
75	7293.00	2.70	198.69	96.00	7289.02	-200.44	200.44	S	45.54	W	205.55	192.80	0.34	0.32	-2.29
76	7389.00	2.92	193.80	96.00	7384.90	-204.95	204.95	S	46.85	W	210.24	192.88	0.34	0.23	-5.09
77	7485.00	2.92	196.09	96.00	7480.78	-209.68	209.68	S	48.11	W	215.13	192.92	0.12	0.00	2.39
78	7581.00	3.09	193.09	96.00	7576.65	-214.55	214.55	S	49.37	W	220.16	192.96	0.24	0.18	-3.13
79	7676.00	2.39	194.76	95.00	7671.54	-218.96	218.96	S	50.46	W	224.70	192.98	0.74	-0.74	1.76
80	7772.00	2.61	195.78	96.00	7767.45	-223.00	223.00	S	51.56	W	228.88	193.02	0.23	0.23	1.06
81	7867.00	2.70	196.26	95.00	7862.34	-227.23	227.23	S	52.78	W	233.27	193.08	0.10	0.09	0.51
82	7962.00	2.61	195.38	95.00	7957.24	-231.46	231.46	S	53.98	W	237.67	193.13	0.10	-0.09	-0.93
83	8056.00	3.09	193.66	94.00	8051.12	-235.99	235.99	S	55.14	W	242.34	193.15	0.52	0.51	-1.83
84	8151.00	2.21	189.17	95.00	8146.02	-240.28	240.28	S	56.04	W	246.73	193.13	0.95	-0.93	-4.73
85	8246.00	2.21	186.39	95.00	8240.95	-243.91	243.91	S	56.53	W	250.38	193.05	0.11	0.00	-2.93
86	8342.00	2.61	179.39	96.00	8336.87	-247.94	247.94	S	56.72	W	254.34	192.88	0.52	0.42	-7.29
87	8438.00	2.78	174.76	96.00	8432.76	-252.44	252.44	S	56.48	W	258.68	192.61	0.29	0.18	-4.82
88	8532.00	3.18	173.26	94.00	8526.63	-257.30	257.30	S	55.97	W	263.31	192.27	0.43	0.43	-1.60
89	8628.00	2.39	207.76	96.00	8622.53	-261.71	261.71	S	56.59	W	267.76	192.20	1.89	-0.82	35.94
90	8653.00	2.21	217.20	25.00	8647.51	-262.56	262.56	S	57.12	W	268.70	192.27	1.68	-0.72	37.76
91	8700.000	2.066	208.306	47.00	8694.47	-264.03	264.03	S	58.07	W	270.34	192.40	0.77	-0.31	-18.92
92	8900.000	3.318	191.777	200.00	8894.25	-272.87	272.87	S	60.96	W	279.59	192.59	0.73	0.63	-8.26
93	9100.000	4.055	188.847	200.00	9093.84	-285.52	285.52	S	63.23	W	292.44	192.49	0.38	0.37	-1.46
94	9300.000	4.003	187.965	200.00	9293.34	-299.42	299.42	S	65.28	W	306.46	192.30	0.04	-0.03	-0.44
95	9500.000	3.834	186.433	200.00	9492.87	-312.98	312.98	S	67.00	W	320.07	192.08	0.10	-0.08	-0.77
96	9700.000	3.763	183.618	200.00	9692.43	-326.17	326.17	S	68.16	W	333.22	191.80	0.10	-0.04	-1.41
97	9900.000	3.327	181.518	200.00	9892.05	-338.53	338.53	S	68.73	W	345.43	191.48	0.23	-0.22	-1.05
98	10100.000	3.122	182.125	200.00	10091.73	-349.77	349.77	S	69.09	W	356.53	191.17	0.10	-0.10	0.30
99	10300.000	3.204	181.361	200.00	10291.43	-360.80	360.80	S	69.42	W	367.42	190.89	0.05	0.04	-0.38
100	10500.000	3.006	183.433	200.00	10491.14	-371.62	371.62	S	69.87	W	378.13	190.65	0.11	-0.10	1.04
101	10700.000	2.688	179.256	200.00	10690.89	-381.55	381.55	S	70.12	W	387.94	190.41	0.19	-0.16	-2.09
102	10900.000	2.926	184.780	200.00	10890.65	-391.32	391.32	S	70.49	W	397.62	190.21	0.18	0.12	2.76
103	11100.000	3.041	182.711	200.00	11090.38	-401.71	401.71	S	71.16	W	407.96	190.05	0.08	0.06	-1.03
104	11227.000	2.869	184.627	127.00	11217.21	-408.24	408.24	S	71.58	W	414.47	189.94	0.16	-0.14	1.51
105	11300.00	2.87	184.63	73.00	11290.12	-411.88	411.88	S	71.87	W	418.11	189.90	0.00	0.00	0.00
106															
107															

RECEIVED: Nov. 26, 2013

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:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
EP Energy 1-19C4

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43013520130000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5138 Ext

9. FIELD and POOL or WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0776 FNL 0760 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NENE Section: 19 Township: 03.0S Range: 04.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 7/15/2016	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Please see attached proposed procedure along with before and post WBD's. Please note: we plan to set a flow thru composite bridge plug to allow the initial completion to produce once the pressure in the recompletion has equalized with the pressure in the initial completion.

Approved by the Utah Division of Oil, Gas and Mining
July 13, 2016
Date:
By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Linda Renken	713 997-5138	Sr. Regulatory Analyst
SIGNATURE		**DATE**
N/A		7/9/2016

RECEIVED: Jul. 09, 2016

EP Energy 1-19 C4 Recom Summary Procedure

- POOH with ESP & tubing. Inspect/Repair/Re-furbish as needed. Replace any bad tubing.
- Set 10k flow thru CBP w/ ball for 5" 18# casing @ 8,885' and dump bail 20' of sand on top of plug.
- Set 10k CBP for 5" 18# casing @ 8,865' and dump bail 15' cmt on top of plug.
- Stage 1:
  - Perforate new UW interval from **8,670' – 8,801'.**
  - Prop Frac perforations with **85,000** lbs 30/50 prop (w/ **7,500** lbs 100 mesh & **8,000** gals 15% HCl acid) (Stage 1 Recom).
- Stage 2:
  - RIH with 5" CBP & set @ 8,655'.
  - Perforate new UW/LGR interval from **8,522' – 8,640'.**
  - Acid Frac Perforations with **15,000** gals 15% HCl acid (Stage 2 Recom).
- Stage 3:
  - RIH with 7" CBP & set @ 8,385'.
  - Perforate new LGR interval from **8,258' – 8,370'.**
  - Acid Frac Perforations with **13,000** gals 15% HCl acid (Stage 3 Recom).
- Stage 4:
  - RIH w/ 7" CBP & set @ 8,243'.
  - Perforate new LGR interval from **8,146' – 8,228**'.
  - Acid Frac Perforations with **10,000** gals 15% HCl (Stage 4 Recom).
- Stage 5:
  - RIH w/ 7" CBP & set @ 7,969'.
  - Perforate new LGR interval from **7,758' – 7,954'**.
  - Prop Frac perforations with **115,000** lbs 30/50 prop (w/ 7**,500** lbs 100 mesh & **8,000** gals 15% HCl acid) (Stage 5 Recom).
- Stage 6:
  - RIH w/ 7" CBP & set @ 7,685'.
  - Perforate new LGR interval from **7,572' – 7,670**'.
  - Acid Frac Perforations with **15,000** gals 15% HCl (Stage 6 Recom).

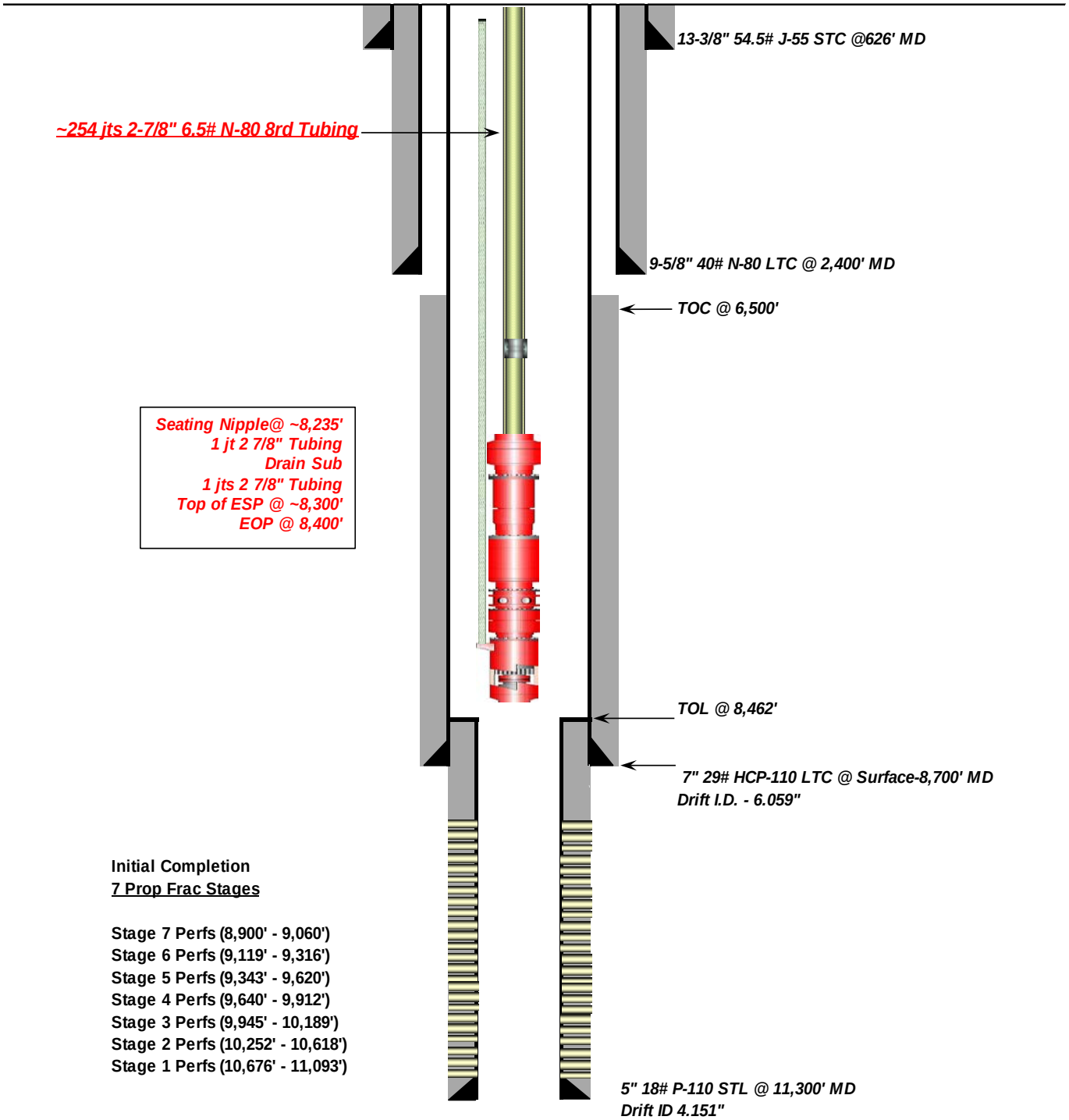
- Clean out well drilling up (4) 7" CBPs and (2) 5" CBP, and 20' sand leaving 5" 10k flow thru CBP @ 8,885'. (PBTD @ 8,885'). Top perf BELOW plugs @ 8,900'.
- RIH w/ production tubing and ESP.
- Clean location and resume production.

RECEIVED: Jul. 09, 2016

EP ENERGY

Current ESP Wellbore Schematic

Company Name:	EP Energy	**Last Updated:**	2/9/2015
Well Name:	EP Energy 1-19C4	**By:**	Tomova
Field, County, State:	Altamont - Bluebell, Duchesne, Utah	**TD:**	11,300'
Surface Location:	Lat: 40° 12' 39.081" N Long: 110° 22' 22.567" W	**BHL:**	
Producing Zone(s):	Wasatch	**Elevation:**	

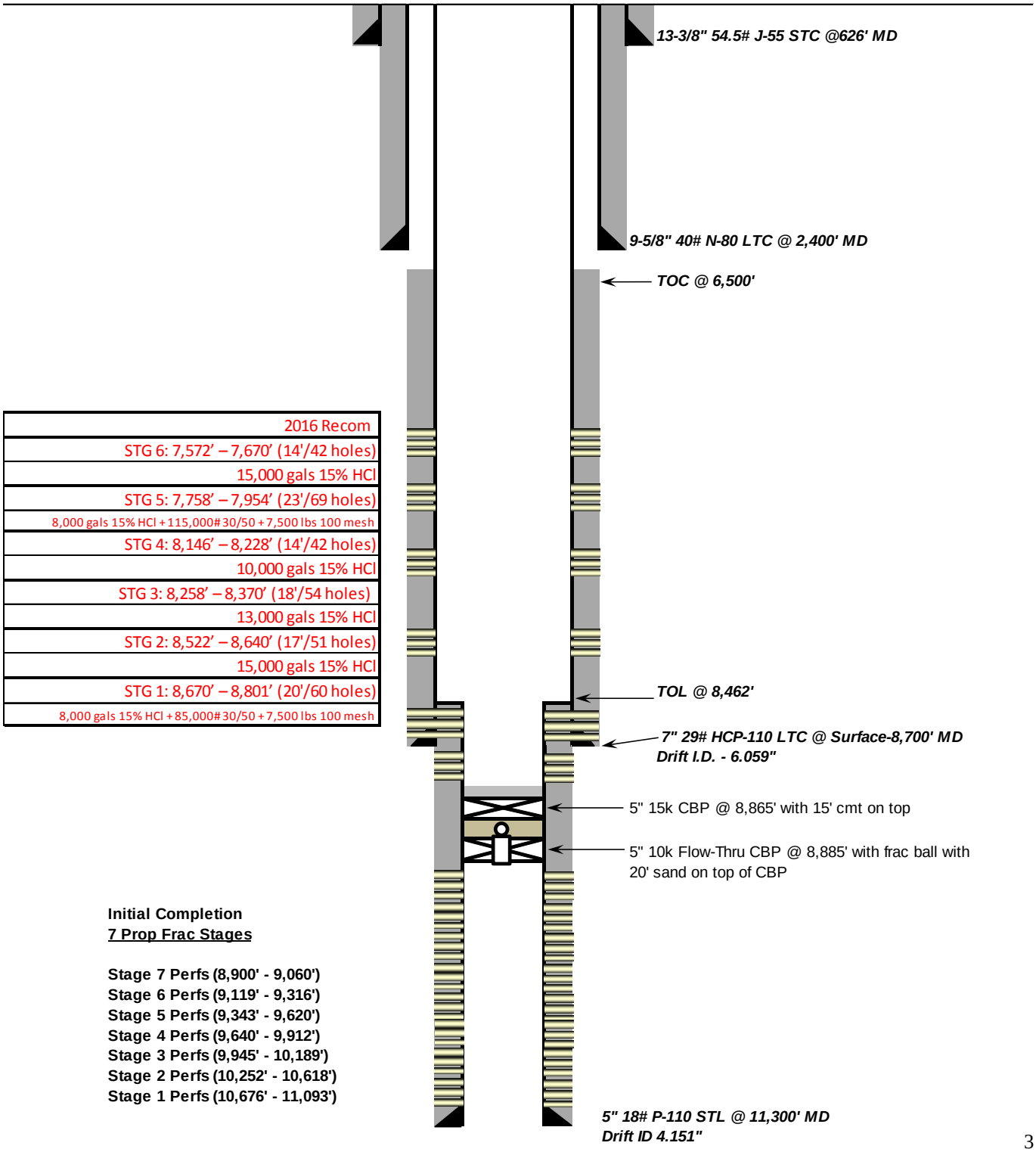


RECEIVED: Jul. 09, 2016

EP ENERGY

Proposed Wellbore Schematic

Company Name:	*EP Energy*	**Last Updated:**	*7/8/2015*
Well Name:	***EP Energy 1-19C4***	**By:**	*Fondren*
Field, County, State:	*Altamont - Bluebell, Duchesne, Utah*	**TD:**	*11,300'*
Surface Location:	*Lat: 40° 12' 39.081" N Long: 110° 22' 22.567" W*	**BHL:**	
Producing Zone(s):	*Wasatch*	**Elevation:**	



2016 Recom
STG 6: 7,572' – 7,670' (14'/42 holes)
15,000 gals 15% HCl
STG 5: 7,758' – 7,954' (23'/69 holes)
8,000 gals 15% HCl + 115,000# 30/50 + 7,500 lbs 100 mesh
STG 4: 8,146' – 8,228' (14'/42 holes)
10,000 gals 15% HCl
STG 3: 8,258' – 8,370' (18'/54 holes)
13,000 gals 15% HCl
STG 2: 8,522' – 8,640' (17'/51 holes)
15,000 gals 15% HCl
STG 1: 8,670' – 8,801' (20'/60 holes)
8,000 gals 15% HCl + 85,000# 30/50 + 7,500 lbs 100 mesh

Initial Completion
7 Prop Frac Stages

Stage 7 Perfs (8,900' - 9,060')
Stage 6 Perfs (9,119' - 9,316')
Stage 5 Perfs (9,343' - 9,620')
Stage 4 Perfs (9,640' - 9,912')
Stage 3 Perfs (9,945' - 10,189')
Stage 2 Perfs (10,252' - 10,618')
Stage 1 Perfs (10,676' - 11,093')

RECEIVED: Jul. 09, 2016

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:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
EP Energy 1-19C4

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43013520130000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5138 Ext

9. FIELD and POOL or WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0776 FNL 0760 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NENE Section: 19 Township: 03.0S Range: 04.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 7/23/2016	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Please see the attached proposed procedure with a change of plans to stimulate stage 6 with a proppant acid frac instead of just acidizing.

Approved by the
Utah Division of
Oil, Gas and Mining
July 22, 2016
Date:
By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Linda Renken	713 997-5138	Sr. Regulatory Analyst

SIGNATURE	DATE
N/A	7/22/2016

RECEIVED: Jul. 22, 2016

EP Energy 1-19 C4 Recom Summary Procedure

- POOH with ESP & tubing. Inspect/Repair/Re-furbish as needed. Replace any bad tubing.
- Set 10k flow thru CBP w/ ball for 5" 18# casing @ 8,885' and dump bail 20' of sand on top of plug.
- Set 10k CBP for 5" 18# casing @ 8,865' and dump bail 15' cmt on top of plug.
- Stage 1:
  - Perforate new UW interval from **8,670' – 8,801'.**
  - Prop Frac perforations with **85,000** lbs 30/50 prop (w/ **7,500** lbs 100 mesh & **8,000** gals 15% HCl acid) (Stage 1 Recom).
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- Stage 3:
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- Stage 4:
  - RIH w/ 7" CBP & set @ 8,243'.
  - Perforate new LGR interval from **8,146' – 8,228**'.
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- Stage 5:
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  - Perforate new LGR interval from **7,758' – 7,954'**.
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- Stage 6:
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  - Perforate new LGR interval from **7,572' – 7,670**'.
  - Prop Frac perforations with **50,000** lbs 30/50 prop (w/ 3**,000** lbs 100 mesh & **7,000** gals 15% HCl acid) (Stage 6 Recom).

- Clean out well drilling up (4) 7" CBPs and (2) 5" CBP, and 20' sand leaving 5" 10k flow thru CBP @ 8,885'. (PBTD @ 8,885'). Top perf BELOW plugs @ 8,900'.
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RECEIVED: Jul. 22, 2016

EP ENERGY

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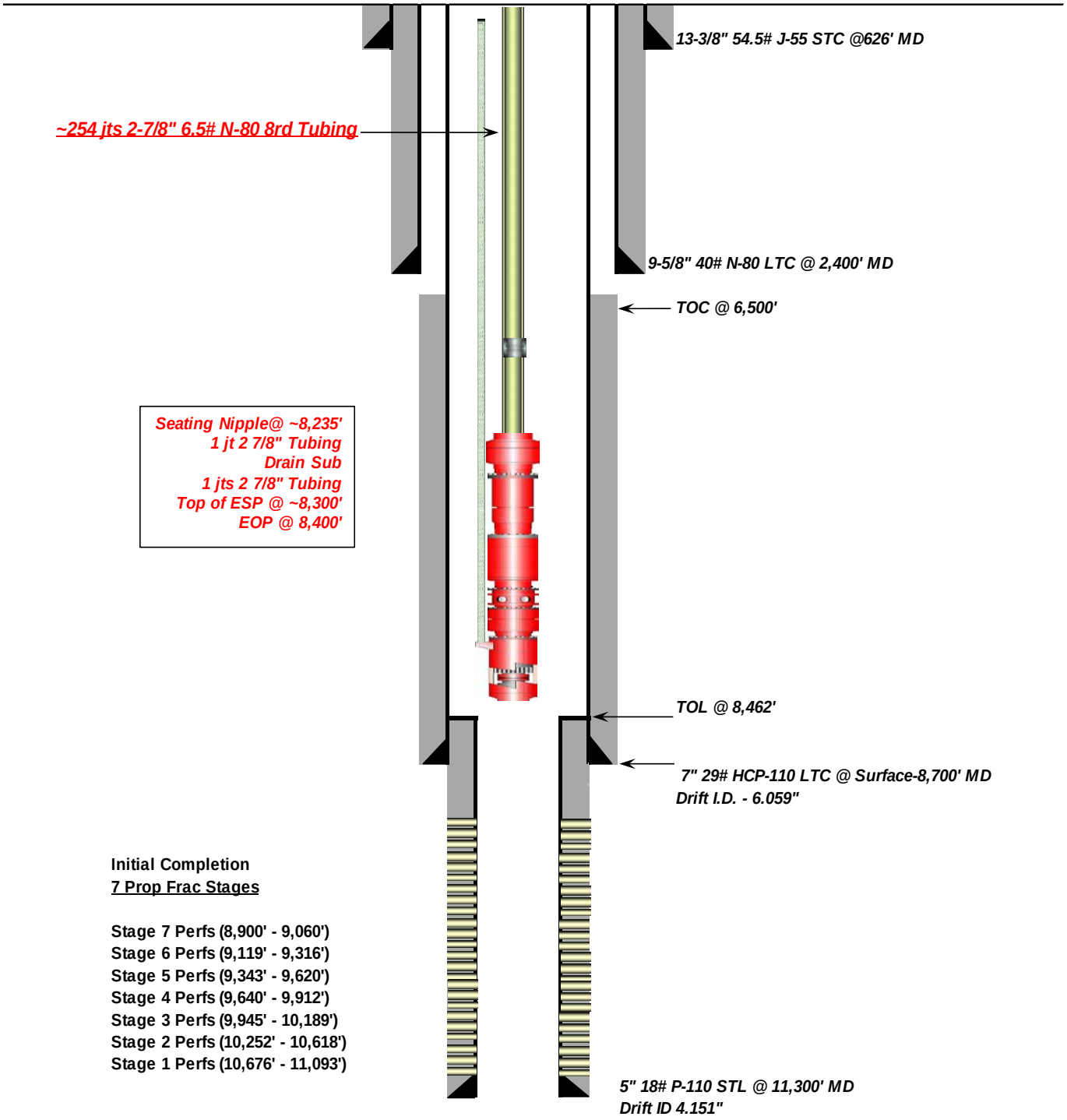
Well Name:	EP Energy 1-19C4	**By:**	Tomova
Field, County, State:	Altamont - Bluebell, Duchesne, Utah	**TD:**	11,300'
Surface Location:	Lat: 40° 12' 39.081" N Long: 110° 22' 22.567" W	**BHL:**	
Producing Zone(s):	Wasatch	**Elevation:**	

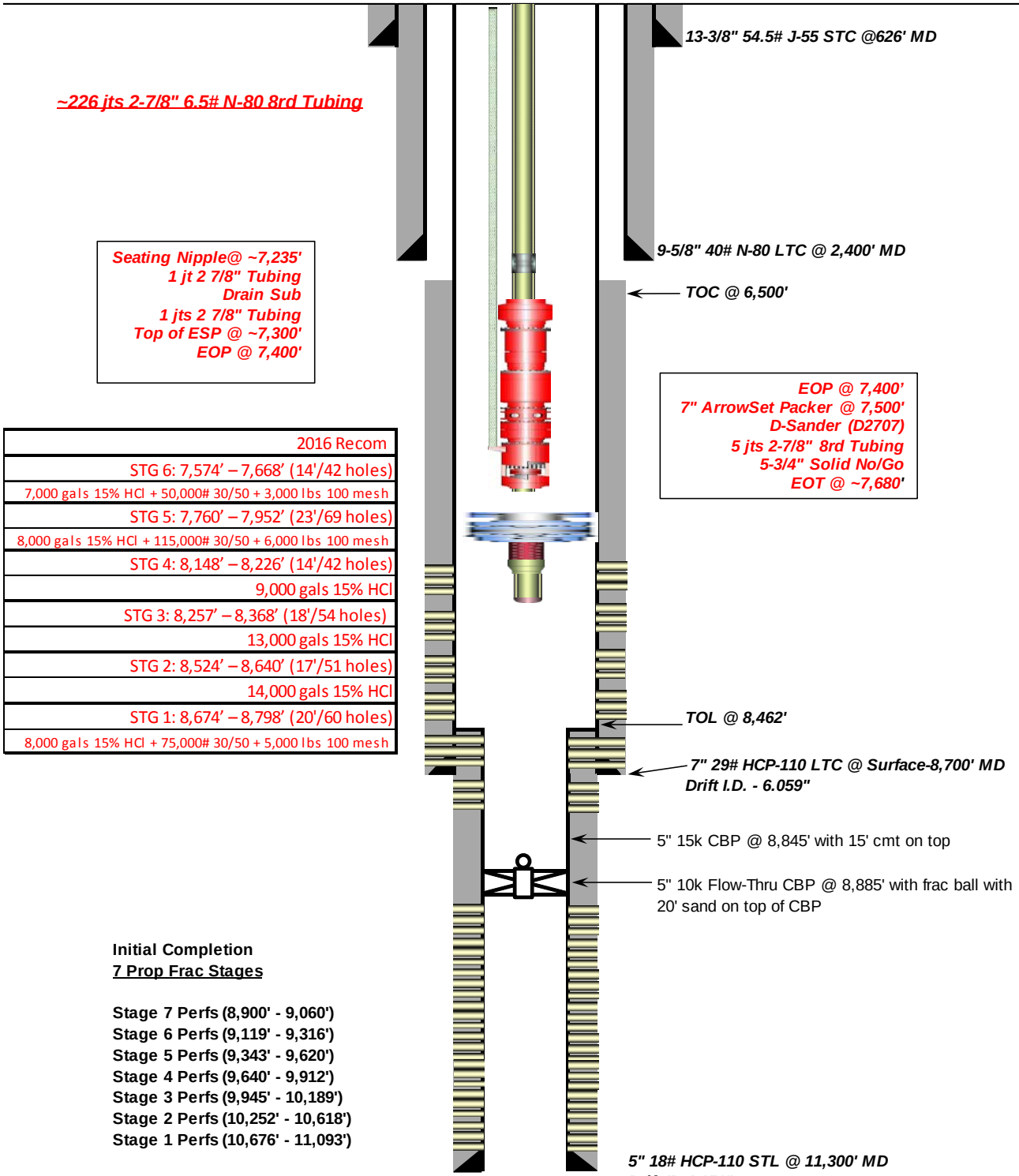


RECEIVED: Jul. 22, 2016

EP ENERGY

Proposed Wellbore Schematic

Company Name:	EP Energy	**Last Updated:**	7/22/2016
Well Name:	**EP Energy 1-19C4**	**By:**	Fondren/Tomova
Field, County, State:	Altamont - Bluebell, Duchesne, Utah	**TD:**	11,300'
Surface Location:	Lat: 40° 12' 39.081" N Long: 110° 22' 22.567" W	**BHL:**	
Producing Zone(s):	Wasatch	**Elevation:**	



2016 Recom
STG 6: 7,574' – 7,668' (14'/42 holes)
7,000 gals 15% HCl + 50,000# 30/50 + 3,000 lbs 100 mesh
STG 5: 7,760' – 7,952' (23'/69 holes)
8,000 gals 15% HCl + 115,000# 30/50 + 6,000 lbs 100 mesh
STG 4: 8,148' – 8,226' (14'/42 holes)
9,000 gals 15% HCl
STG 3: 8,257' – 8,368' (18'/54 holes)
13,000 gals 15% HCl
STG 2: 8,524' – 8,640' (17'/51 holes)
14,000 gals 15% HCl
STG 1: 8,674' – 8,798' (20'/60 holes)
8,000 gals 15% HCl + 75,000# 30/50 + 5,000 lbs 100 mesh

Initial Completion
7 Prop Frac Stages

Stage 7 Perfs (8,900' - 9,060')
Stage 6 Perfs (9,119' - 9,316')
Stage 5 Perfs (9,343' - 9,620')
Stage 4 Perfs (9,640' - 9,912')
Stage 3 Perfs (9,945' - 10,189')
Stage 2 Perfs (10,252' - 10,618')
Stage 1 Perfs (10,676' - 11,093')

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Sundry Number: 75293 API Well Number: 43013520130000

Reset Form

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

RECOMPLETION

AMENDED REPORT ☐ (highlight changes)

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1a. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ DRY ☐ OTHER

7. UNIT or CA AGREEMENT NAME

b. TYPE OF WORK: NEW WELL ☐ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☑ OTHER

8. WELL NAME and NUMBER: EP Energy 1-19C4

2. NAME OF OPERATOR: EP Energy E&P Company, L. P.

9. API NUMBER: 43013520130000

3. ADDRESS OF OPERATOR: P.O. Box 4660 CITY Houston STATE TX ZIP 77210-4660

PHONE NUMBER: (713) 997-5138

10 FIELD AND POOL, OR WILDCAT: Altamont

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 776' FNL & 760' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW: 776' FNL & 760' FEL
AT TOTAL DEPTH: 776' FNL & 760' FEL

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 19 3S 4W U.S.B.& M.

12. COUNTY

13. STATE: UTAH

14. DATE SPUDDED: 4/19/2013

15. DATE T.D. REACHED: 9/26/2013

16. DATE COMPLETED: 8/5/2016 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 5869 GL

18. TOTAL DEPTH: MD 11,300 TVD 11,290

19. PLUG BACK T.D.: MD TVD

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Previously Submitted

23.
WAS WELL CORED? NO ☐ YES ☐ (Submit analysis)
WAS DST RUN? NO ☐ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☐ (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
Previously									
Submitted									

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	7,402							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Wasatch	8,754	11,093	8,748	11,083
(B) LGR	6,884	8,754	6,881	8,748
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(see page 3 for #27 information)			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
8885'	Flow Through Plug

29. ENCLOSED ATTACHMENTS:
Please see Page 3 for #29 Perf Treatment Information

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS:
Producing

(5/2000)

(CONTINUED ON BACK)

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31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
8/1/2016		8/12/2016		24			427	288	1,563	ESP Pump
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:
0	150	93	37.00	1,340	1		427	288	1,563	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.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.

34. FORMATION (Log) MARKERS:

Name	Top (Measured Depth)
UGR	3,973
MGR	5,630
LGR	6,884
Wasatch	8,754

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 Consultant

SIGNATURE Maria A. Gomez Maria S Gomez 2016.10.12 11:22:30 -05'00' DATE 10/12/2016

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
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

RECEIVED: Oct. 12, 2016

Attachment to Well Completion Report

Form 8 Dated: October 12, 2016

Well Name: EP Energy 1-19C4

Items #27 and #28 Continued

27. Perforation Record

Interval (Top/Bottom–MD)	Hole Size	No. of Holes	Perf. Status
7574'-7668'	.44	42	Open
7760'-7952'	.44	69	Open
8148'-8226'	.44	42	Open
8257'-8368'	.44	54	Open
8524'-8640'	.44	51	Open
8674'-8798'	.44	60	Open
8900'-11093'		Initial Completion	Flow-Thru CBP

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

Depth Interval	Amount and Type of Material
7574'-7668'	8000 Gal 15% HCL Acid, 5000# 100 Mesh, 75000# 30/50 Prem White Sand
7760'-7952'	14000 Gal 15% HCL Acid
8148'-8226'	13000 Gal 15% HCL Acid
8257'-8368'	9000 Gal 15% HCL Acid
8524'-8640'	10000 Gal 15% HCL Acid, 6000# 100 Mesh, 115000# 30/50 Prem White Sand
8674'-8798'	9000 Gal 15% HCL Acid, 3200# 100 Mesh, 50060# 30/50 Prem White Sand
8900'-11093'	Initial Completion - Flow-Thru CBP @ 8885'

RECEIVED: Oct. 12, 2016

CENTRAL DIVISION

ALTAMONT FIELD
EP ENERGY 1-19C4
EP ENERGY 1-19C4
RECOMPLETE LAND

Operation Summary Report

RECEIVED: Oct. 12, 2016

1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	EP ENERGY 1-19C4		
Project	ALTAMONT FIELD	**Site**	EP ENERGY 1-19C4
Rig Name/No.		**Event**	RECOMPLETE LAND
Start date	7/18/2016	**End date**	8/6/2016
Spud Date/Time	9/13/2013	**UWI**	EP ENERGY 1-19C4
Active datum	KB @5,892.7usft (above Mean Sea Level)		
Afe No./Description	166960/57121 / EP ENERGY 1-19C4		

2 Summary

2.1 Operation Summary

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
7/19/2016	6:00	7:30	1.50	MIRU	28		P		CT TGSM & JSA (PROCEDURES FOR PULLING ESP)
	7:30	12:30	5.00	MIRU	16		P		SPOT IN RU, PUMP 70 DOWN CASING,FLUSH TUBING & FLOW LINES,NU BOP AND HYDRILL.
	12:30	18:00	5.50	UNINARTLT	39		P		POOH W/ 252 JTS 2 7/8" 8RD, PSN, 1 JT, DRAIN SUB, 1 JTS LAY DOWN PUMP ASSEMBLY. NU B FLANGE. BARRIERS SHUT AND LOCK BLIND RAMS, NIGHT CAP. OFF SIDE CASING VALVES CLOSED AND BULL PLUGS INSTALLED. SENT OTHER SIDE TO FACILITIES. (ESP PUMPS TURNED FREELY, MOTOR AND CABLE TESTED GOOD, MOTOR LEAD WAS KINKED AND DID NOT TEST. CHEMICAL MANDRILL WAS BAD)
7/20/2016	6:00	7:30	1.50	WLWORK	28		P		CT TGSM & JSA (WIRE LINE OPERATIONS)
	7:30	16:30	9.00	WLWORK	27		P		RU WIRE LINE ATTEMPT TO TEST LUBE BLIND RAMS LEAKED. PERFORMEDA NEGATIVE TEST. RIH W/ 6" GR TO 8462' AND 4 1/8" GR TO 8890'. RIH SET KLX FLOW THROUGH PLUG @ 8885'. POOH FILL AND TEST CASING TO 1000 PSI, W/ 225 BBLS. DUMP BAIL 20' SAND ON TOP OF PLUG. RIH TO SET 15K CBP TAGGED @ 8740' ATTEMPT TO WORK BY STARTED TAGGING UP IN DIFFERENT SPOTS. POOH 1 ELEMENT ON PLUG WAS DISTORTED. RIH W/ 3 1/8" BAR TAG @ 8867' POOH STAND BACK LUBE.
	16:30	17:30	1.00	WOR	16		P		SHUT AND LOCK BLIND RAM, INSTALL NIGHT CAP, SHUT CASING VALVES & INSTALL NIGHT CAPS.
7/21/2016	6:00	6:00	24.00	WOR	18		P		NO ACTIVITY SHUT DOWN FOR WEEK END
7/22/2016	9:00	11:00	2.00	WOR	28		P		CT TGSM & JSA (WIRELINE, NU AND TESTING PROCEDURES)
	11:00	13:30	2.50	WLWORK	26		P		RIH W/ 5" 15K MAGNUM CBP @ 8845'. RD WIRE LINE.
	13:30	19:00	5.50	WOR	16		P		ND BOP, NU 10K MANUEL, TEST CASING TO 8000 PSI. INSTALL 2 WAY TEST TO 8500. NU HCR, GOAT HEAD, HCR & WIRE LINE CONNECTOR. TEST STACK TO 9500 AND FLOW BACK LINES TO 8000. BARRIERS, CBP, FLUID, 3 VALVES SHUT AND LOCKED. NIGHT CAPS INTALLED.
7/23/2016	6:00	7:30	1.50	STG01	28		P		CT TGSM & JSA (PERFORATING PROCEDURES)
	7:30	10:30	3.00	STG01	18		P		RU WIRE LINE LUBE, TEST EACH WIRE LINE BOP TO 4500 PSI, THEN LUBE TO 4500.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	10:30	12:30	2.00	STG01	21		P		RIH SHOOT STAGE 1 PERFORATIONS 8,798' TO 8,674' WITH 3-1/8" TITAN DEEP PENETRATING 22.7 GM CHARGES, 3 JSFP AND 120° PHASING W/ 1000 PSIG SURFACE PRESSURE ENDING PRESSURE 900 PSIG. ALL PERFORATIONS CORRELATED TO THE LONE WOLF: CEMENT BOND, GR, CCL RUN 1 DATED OCT 8 2013. SHUT MANUEL FRAC VALVE, SHUT AND LOCK HCR VALVES, INSTALL NIGHT CAP.
7/24/2016	6:00	6:30	0.50	MIRU	28		P		TGSM & JSA (MIRU FRAC EQUIPMENT)
	6:30	13:30	7.00	MIRU	01		P		MIRU FRAC EQUIPMENT, PRESSURE TEST & SET POP OFF
	13:30	14:30	1.00	STG01	35		P		SIP @ 665 PSIG, BREAK DOWN STAGE 1 PERFS 10.1 BPM @ 3422 PSIG, PUMP 8000 GAL 15% RATE @ 40.2 BPM @ 4008 PSI. ISIP @ 3145 F.G .793 15 MIN 2676. TREAT STAGE 1 PERFS W/ 5000# 100 MESH IN .5 PPG STAGE AND 75,000 # PREMIUM WHITE 30/50 IN .5-2.5 PPG FLUSH TO TOP PERF ISDP @ 3274, F.G .882, 5 MIN 3074 AVG RATE 75 BPM, MAX RATE 79 BPM, AVE PRES 4,845 MAX PRES 6,834. AVE HORSE POWER 9,757 SWI TOT WIRELINE, STAGE 3 WATER TO RECOVER 3,336.
	14:30	16:00	1.50	STG02	21		P		RIH SET 5" CBP @ 8655 SHOOT STAGE 2 PERFORATIONS 8,640' TO 8,524' WITH 3-1/8" TITAN DEEP PENETRATING 22.7 GM CHARGES, 3 JSFP AND 120° PHASING W/ 2700 PSIG SURFACE PRESSURE ENDING PRESSURE 2400 PSIG. ALL PERFORATIONS CORRELATED TO THE LONE WOLF: CEMENT BOND, GR, CCL RUN 1 DATED OCT 8 2013. SWI TOT FRAC CREW
	16:00	17:30	1.50	STG02	35		P		BREAK DOWN STAGE 2 PERS @ 3837 PSI @ 44.7 BPM. ISDP @ 2884 15 MIN 2572. TREAR STAGE 2 PERFS W/ 14000 GAL 15% HCL. DROP 64 BALLS IN 4 STAGES FLUSH 10 OVER BTM PERF. ISDP @ 2892 F.G @ .77 AVE RATE 50.2 BPM @ 4354 PSI. MAX RATE 52.8 BPM @ 7428 MAX PRESSURE. SWI TOT WIRE LINE.
	17:30	20:30	3.00	STG03	21		P		RIH SET 7" CBP @ 8390 SHOOT STAGE 3 PERFORATIONS 8,368' TO 8,257' WITH 3-1/8" TITAN DEEP PENETRATING 22.7 GM CHARGES, 3 JSFP AND 120° PHASING W/ 2700 PSIG SURFACE PRESSURE ENDING PRESSURE 2400 PSIG. ALL PERFORATIONS CORRELATED TO THE LONE WOLF: CEMENT BOND, GR, CCL RUN 1 DATED OCT 8 2013. SHUT MANUEL FRAC VALVE, SHUT AND LOCK HCR VALVES, INSTALL NIGHT CAP.
7/25/2016	6:00	6:30	0.50	STG03	28		P		TGSM & JSA (FRAC OPERATIONS)
	6:30	8:30	2.00	STG03	18		P		OFF & STIR ACID
	8:30	10:00	1.50	STG03	35		P		BREAK DOWN STAGE 3 PERFS @ 3212 PSI @ 10.9 BPM. ISDP @ 2550 15 MIN 2184. TREAT STAGE 3 PERFS W/ 13000 GAL 15% HCL. DROP 64 BALLS IN 4 STAGES FLUSH 10 OVER BTM PERF. ISDP @ 2625 F.G @ .749 AVE RATE 21.6 BPM @ 3117 PSI. MAX RATE 50.6 BPM @ 5678 MAX PRESSURE. SWI TOT WIRE LINE. 752 BBLS TO RECOVER
	10:00	11:30	1.50	STG04	21		P		RIH SET 7" CBP @ 8,241' SHOOT STAGE 4 PERFORATIONS 8,226' TO 8,148' WITH 3-1/8" TITAN DEEP PENETRATING 22.7 GM CHARGES, 3 JSFP AND 120° PHASING W/ 1900 PSIG SURFACE PRESSURE ENDING PRESSURE 1400 PSIG. ALL PERFORATIONS CORRELATED TO THE LONE WOLF: CEMENT BOND, GR, CCL RUN 1 DATED OCT 8 2013. SWI TOT FRAC CREW
	11:30	12:30	1.00	STG04	35		P		BREAK DOWN STAGE 4 PERFS @ 2,210 PSI @ 11.2 BPM. ISDP @ 1920 15 MIN 1,637. TREAT STAGE 4 PERFS W/ 9000 GAL 15% HCL. DROP 51 BALLS IN 3 STAGES FLUSH 10 OVER BTM PERF. ISDP @ 1,989 F.G @ .676 AVE RATE 20.8 BPM @ 2,675 PSI. MAX RATE 55.7 BPM @ 7,774 MAX PRESSURE. SWI TOT WIRE LINE. 664 BBLS TO RECOVER

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2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	12:30	14:00	1.50	STG05	21		P		RIH SET 7" CBP @ 7,967' SHOOT STAGE 5 PERFORATIONS 7,952' TO 7,760' WITH 3-1/8" TITAN DEEP PENETRATING 22.7 GM CHARGES, 3 JSFP AND 120° PHASING W/ 1200 PSIG SURFACE PRESSURE ENDING PRESSURE 900 PSIG. ALL PERFORATIONS CORRELATED TO THE LONE WOLF: CEMENT BOND, GR, CCL RUN 1 DATED OCT 8 2013. SWI TOT FRAC CREW
	14:00	15:30	1.50	STG05	35		P		BREAK DOWN STAGE 5 PERFS 9.8 BPM @ 2331 PSIG, PUMP 9000 GAL 15% RATE @ 40.2 BPM @ 2400 PSI. ISIP @ 1705 F.G .65 15 MIN 834. TREAT STAGE 5 PERFS W/ 6000# 100 MESH IN .5 PPG STAGE AND 95,816 # PREMIUM WHITE 30/50 IN .5-2.5 PPG FLUSH TO TOP PERF ISDP @ 2002, F.G .688, 10 MIN 1531 AVG RATE 70.3 BPM, MAX RATE 75.1 BPM, AVE PRES 2,482 MAX PRES 2,974. AVE HORSE POWER 4,200 SWI TOT WIRELINE, STAGE 3 WATER TO RECOVER 3,822.
	15:30	17:00	1.50	STG06	21		P		RIH SET 7" CBP @ 7,690' SHOOT STAGE 6 PERFORATIONS 7,574' TO 7,668' WITH 3-1/8" TITAN DEEP PENETRATING 22.7 GM CHARGES, 3 JSFP AND 120° PHASING W/ 1000 PSIG SURFACE PRESSURE ENDING PRESSURE 600 PSIG. ALL PERFORATIONS CORRELATED TO THE LONE WOLF: CEMENT BOND, GR, CCL RUN 1 DATED OCT 8 2013. SWI TOT FRAC CREW
	17:00	19:00	2.00	STG06	35		P		BREAK DOWN STAGE 6 PERFS 11.3 BPM @ 2817 PSIG, PUMP 9000 GAL 15% RATE @ 40.7 BPM @ 2879 PSI. ISIP @ 1625 F.G .646 15 MIN 1123. TREAT STAGE 6 PERFS W/ 3200# 100 MESH IN .5 PPG STAGE AND 50,060 # PREMIUM WHITE 30/50 IN .5-2.5 PPG FLUSH TO TOP PERF ISDP @ 2168, F.G .717, 10 MIN 1685 AVG RATE 70.3 BPM, MAX RATE 75.3 BPM, AVE PRES 3,517 MAX PRES 4,718. AVE HORSE POWER 5,913 SWI TOT WIRELINE, STAGE 5 WATER TO RECOVER 2,673.
	19:00	22:00	3.00	RDMO	02		P		RDMOL W/ WIRE LINE, PARTIALLY RD FRAC EQUIPMENT
	22:00	6:00	8.00	FB	23		P		OPEN ON 14/64 CHOKE @ 1125 PSI
7/26/2016	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (ND PROCEDURES)
	7:30	12:00	4.50	WOR	16		P		RDMOL W/ HALLIBURTON, ND TO TOP HCR VALVE.
	12:00	6:00	18.00	FB	23		P		24 HOUR FLOW BACK 555 BBLS FLUID TO FLOW BACK TANK
7/27/2016	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (KILLING WELL)
	7:30	13:30	6.00	WOR	16		P		KILL WELL, ND TOP HCR, NU AND TEST BOPS, RU WORK FLOOR AND TUBING EQUIPOMENT
	13:30	20:30	7.00	WOR	40		P		RIH W/ 6" BIT, BIT SUB, 1 JT, PSN, 234 JTS TAG SAND @ 7652'. BREAK CIRCULATION CLEAN OUT SAND TO PLUG @ 7703' SLM. LOST CIRCULATION PUMPED FOR 45 MINUTES REGAINED CIRCULATION. FINISH DRILLING PLUG AND SWIVEL DOWN TO JTS TO 7449' CIRCULATE CLEAN. PULL ABOVE PERFS.
7/28/2016	6:00	7:30	1.50	WOR	28		P		TGSM & JSA (POWER SWIVEL OPERATIONS)
	7:30	17:30	10.00	WOR	40		P		TSIP VAC, CSIP @ 150 PSI, BWD. RIH TAG W/ JT # 244 @ 7967' WASH SAND TO CBP @ 7982' DRILL CBP. CIH AND DRILL CBPS @ 8256' AND 8405' PUSH TO LINER TOP @ 8476' SLM. CLEAN PLUG PARTS OFF LINER TOP. CIRCULATE CLEAN. POOH ABOVE PERFS RU FLOW BACK LINES. OPEN @ 300 PSI ON 20/64 CHOKE. TOT FLOW BACK CREW.
7/29/2016	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (KILLING WELL)
	7:30	6:00	22.50	FB	23		P		WAIT ON DECISION TO FLOW WELL. DECISION MADE TO FLOW CONTINUE. 24 HOUR FLOW BACK CURRENT TUBING PRESSURE @ 425 ON 24/64 CHOKE FLOWED 1014 BBLS FLUID
7/30/2016	6:00	6:30	0.50	FB	28		P		TGSM & JSA (FLOW BACK PROCEDURES)

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	6:30	6:00	23.50	FB	23		P		24 HOUR FLOW BACK CURRENT TUBING PRESSURE @ 425 ON 24/64 CHOKE FLOWED 1014 BBLS FLUID
7/31/2016	6:00	6:30	0.50	FB	28		P		TGSM & JSA (FLOW WELL)
	6:30	6:00	23.50	FB	23		P		24 HOUR FLOW BACK CURRENT TUBING PRESSURE @ 300 ON 32/64 CHOKE FLOWED 134 OIL 1179 WATER GAS FLAIRING
8/1/2016	6:00	6:30	0.50	FB	28		P		CT TGSM & JSA (FLOW BACK PROCEDURES)
	6:30	6:00	23.50	FB	23		P		24 HOUR FLOW BACK CURRENT TUBING PRESSURE @ 225 ON 40/64 CHOKE FLOWED 228 OIL 1697 WATER GAS FLAIRING
8/2/2016	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (PUMP OPERATIONS)
	7:30	16:30	9.00	WOR	06		P		CSIP @ 1300 PSI BLEED DOWN TO MATCH TUBING PRESSURE. CIRCULATE 350 BBLS BRINE WATER. BULL HEAD 75 BBLS. BLEED DOWN CASING TO 0 PSI WATCH FOR 30 MINUTES AND ENSURE WELL WAS NOT FLOWING. POOH W/ 230 JTS 2 7/8" 8RD LAY DOWN BIT SUB AND 6" BIT.
	16:30	19:00	2.50	WOR	39		P		RIH W/ 4 1/8" BIT, BIT SUB, 17 JTS 2 3/8", X/O TO 2 7/8", 212 JTS 2 7/8" EOT @ 7461'. BARRIERS PIPE RAMS SHUT AND LOCKED, HYDRILL SHUT. TIW VALVE INSTALLED AND SHUT W/ NIGHT CAP. CASING VALVES SHUT AND BULL PLUGGED.
8/3/2016	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (DRILL PLUGS)
	7:30	17:30	10.00	WOR	39		P		TSIP 550 CSIP 410 FLOW WELL, KILL TUBING RIH W/ 32 JTS RU SWIVEL, DRILL UP PLUG REMAINS AT LINER TOP, CIH TAG PLUG W/ JT# 250 @ 8670' DRILL OUT CIH TAG SAND @ C/O OUT TO PLUG W/ JT# 272 @ 8860' DRILL ON 15K CBP LOST CIRCULATION, DRY DRILLED ON CBP, REGAINED CIRCULATION DRILLED UP CBP AND PUSHED REMAINS TO TOP OF SAND, DRILL UP REMAINS C/O TO TOP OF FLOW THROUGH PLUG.
	17:30	17:30	0.00	WOR	39		P		LAY DOWN 23 JTS AND COOH ABOVE PERFS, RU FLOW BACK LINES TOT FLOW BACK CREW.
8/4/2016	6:00	7:30	1.50	FB	28		P		CT TGSM & JSA (KILLING OR FLOWING WELL)
	7:30	6:00	22.50	FB	23		P		DECISION MADE TO FLOW WELL 24 HOUR FLOW BACK CURRENT PRESSURE 75 PSI ON 64/64 CHOKE 1325 BBLS FLUID TO FLOW BACK TANK W/ ENDING 10% OIL CUT
8/5/2016	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (KILLING WELL)
	7:30	10:00	2.50	WOR	39		P		TUBING FLOWING PRESSURE @ 80 PSI, CSIP @ 700 PSI, BLEED DOWN CASING TO 100 PSI, CIRCULATE 350 BBLS BRINE WATER. POOH W/ 234 JTS 2 7/8", L/D 2 3/8" AND 4 1/8" BIT.
	10:00	12:30	2.50	WOR	39		P		PUMU & RIH W/ 5 3/4" SOLID NO-GO, 5 JTS 2 7/8", D 2707 DE SANDER, 7" KLX PACKER, ON/OFF SKIRT, 229 JTS 2 7/8" SET PACKER @ 7490'EOT @ 7681'.
	12:30	14:30	2.00	WOR	16		P		FILL CASING W/ 20 BBLS, TEST TO 1000 PSI, INSTALL 2 7/8" TIW VALVE. BARRIERS KILL FLUID IN TUBING AND CASING, TIW VALVE IN TUBING, PACKER IN CASING. RD WORK FLOOR AND TUBING EQUIPMET, ND HYDRILL, BOP, FRAC VALVE, NU DSA, LANDING BOWL, BOPS, HYDRILL, TEST TO 1000 PSI FOR 10 MINUTES.
	14:30	17:30	3.00	WOR	39		P		POOH W/ 2 7/8" TUBING AND SKIRT.
	17:30	20:00	2.50	INARTLT	39		P		PU AND SERVICE ESP ASSEMBLY
	20:00	2:30	6.50	INARTLT	39		P		RIH W/ 2 3/8" CHEMICAL MANDRILL, SENSOR, MOTOR, TANDOM SEALS, 5 PUMPS, 6' PUP JT, 1 JT, DRAIN SUB, 1 JT, +45 PSN, 1 JT, COLLAR STOP, 219 JTS 2 7/8" 8RD, MAKE SURFACE SPLICE, LAND ON HANGER. SHUT CASING VALVES, INSTALL AND SHUT TIW VALVE W/ NIGHT CAP.
8/6/2016	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (ND PROCEDURES)

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	7:30 12:00	4.50	RDMO	02		P		RD WORK FLOOR, ND BOP AND HYDRILL, MU WELL HEAD AND FLOW LINES, FLUSH FLOW LINE. TURN ON ESP PUMPED UP INSTANTLY. TOTP, RDMOL TO 3-15 A3.

RECEIVED: Oct. 12, 2016