

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 Wilson 1-18C4								
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT ALTAMONT								
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME								
6. NAME OF OPERATOR EP ENERGY E&P COMPANY, L.P.						7. OPERATOR PHONE 713 997-5038								
8. ADDRESS OF OPERATOR 1001 Louisiana, Houston, TX, 77002						9. OPERATOR E-MAIL maria.gomez@epenergy.com								
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Fee			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>								
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Diana Hanna						14. SURFACE OWNER PHONE (if box 12 = 'fee') 4357380587								
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') P. O. Box 475, Duchesne, UT 84021						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')								
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>								
20. LOCATION OF WELL		FOOTAGES		QTR-QTR		SECTION		TOWNSHIP		RANGE		MERIDIAN		
LOCATION AT SURFACE		1047 FNL 974 FEL		NENE		18		3.0 S		4.0 W		U		
Top of Uppermost Producing Zone		1047 FNL 974 FEL		NENE		18		3.0 S		4.0 W		U		
At Total Depth		1047 FNL 974 FEL		NENE		18		3.0 S		4.0 W		U		
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 974			23. NUMBER OF ACRES IN DRILLING UNIT 640								
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 4500			26. PROPOSED DEPTH MD: 10500 TVD: 10500								
27. ELEVATION - GROUND LEVEL 5916			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 - 4000	40.0	N-80 LT&C	9.5	35/65 Poz		572	3.16	11.0			
							Premium Lite High Strength		191	1.33	14.2			
I1	8.75	7	0 - 9050	29.0	P-110 LT&C	10.5	Premium Lite High Strength		324	2.31	12.0			
							Premium Lite High Strength		91	1.91	12.5			
L1	6.125	4.5	8850 - 11900	13.5	P-110 LT&C	12.0	50/50 Poz		225	1.61	12.3			
ATTACHMENTS														
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES														
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN								
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER								
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP								
NAME Maria S. Gomez				TITLE Principal Regulatory Analyst				PHONE 713 997-5038						
SIGNATURE				DATE 10/18/2012				EMAIL maria.gomez@epenergy.com						
API NUMBER ASSIGNED 43013517950000				APPROVAL  Permit Manager										

**Wilson 1-18C4
Sec. 18, T3S, R4W
DUCHESNE COUNTY, UT**

EP ENERGY E&P COMPANY, L.P.

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers

<u>Formation</u>	<u>Depth</u>
Green River (GRRV)	3,683'
Green River (GRTN1)	4,233'
Mahogany Bench	5,033'
L. Green River	6,283'
Wasatch	9,063'
T.D. (Permit)	11,900'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River (GRRV)	3,683'
	Green River (GRTN1)	4,233'
	Mahogany Bench	5,033'
Oil	L. Green River	6,283'
Oil	Wasatch	9,063'

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 4,000' on Conductor. A 5M BOP stack, 5M Annular, and 5M kill lines and choke manifold used from 4,000' to 8,000'. A 10M BOE w/rotating head, 5M annular, blind rams & mud cross from 9,050' 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 nipped up on the surface casing and tested to 250 psi low test / 3,000 psi high test for 10 minutes each prior to drilling out. The surface casing will be tested to 1,000 psi. for 30 mins. Intermediate casing will be tested to the greater of 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 test and 4,000 psi high test. The 10M BOP will be installed

with 3 ½" pipe rams, blind rams, mud cross and rotating head from intermediate shoe to TD. The BOPE will be hydraulically operated.

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

Statement on Accumulator System and Location of Hydraulic Controls:

Precision Rig # 404 is expected to be used to drill the proposed well. Operations will commence after approval of this application. Manual and/or hydraulic controls will be in compliance with 5M and 10M psi systems.

Auxiliary Equipment:

- A) Pason monitoring systems with gas monitor 600' – TD.
- B) Mud logger with gas monitor – 4,000' 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 – 10.5
Production	WBM	10.5 – 12.0

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

Visual mud monitoring equipment will be utilized.

6. **Evaluation Program:**

Logs:

Mud Log: 4,000' - 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 11,900' TD equals approximately 7,426 psi. This is calculated based on a 0.624 psi/foot gradient (12.0 ppg mud density at TD).

Maximum anticipated surface pressure equals approximately 4,808 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

Maximum anticipated surface pressure based on frac gradient at 7" casing shoe is 0.8 psi/ft at 9,050' = 7,240 psi

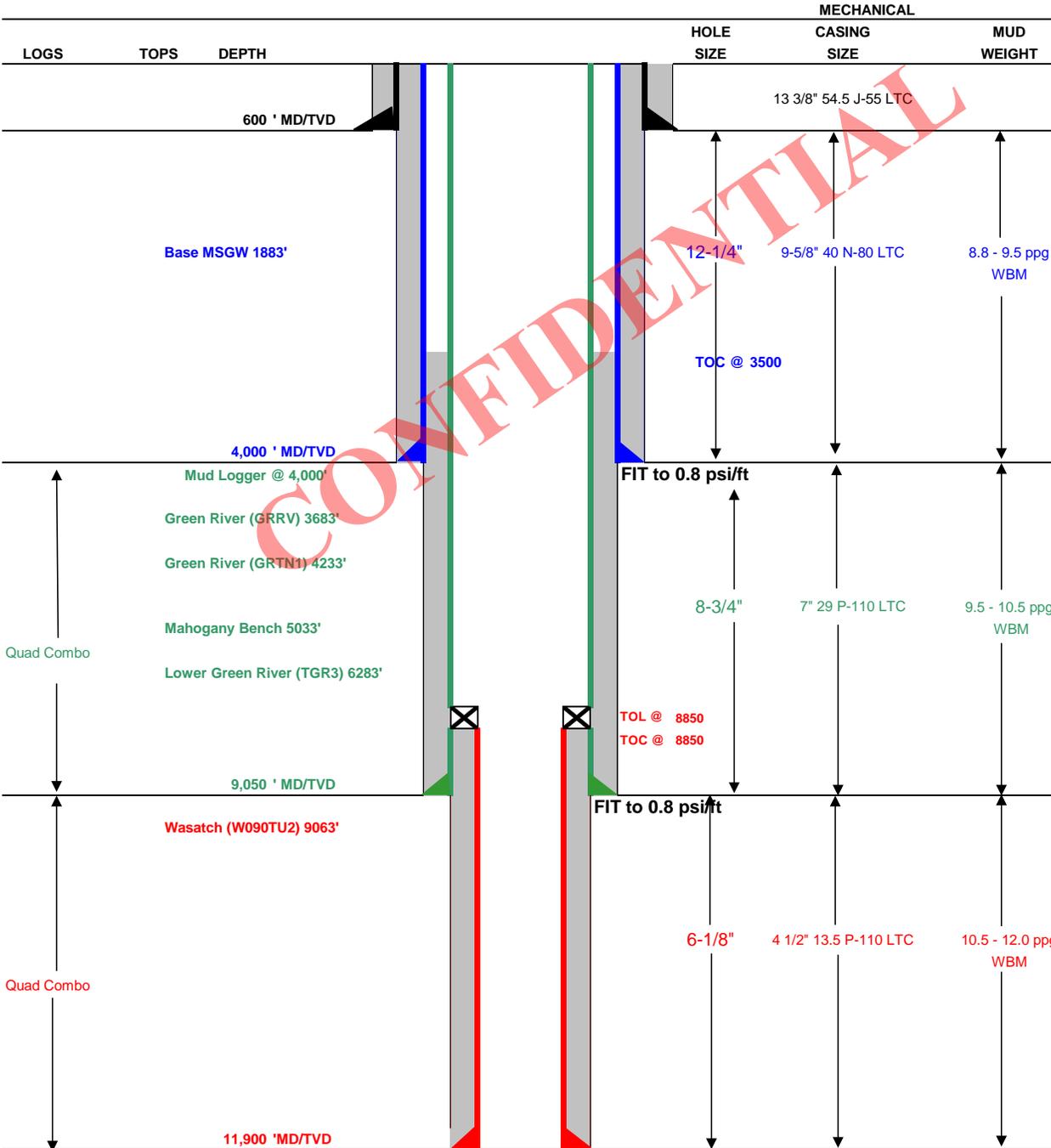
BOPE and casing design will be based on the lesser of the two MASPs which is 4,808 psi.

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



Drilling Schematic

Company Name: EP ENERGY	Date: November 19, 2012
Well Name: Wilson 1-18C4	TD: 11,900
Field, County, State: Altamont - Bluebell, Duchesne, Utah	AFE #:
Surface Location: Sec 18 T3S R4W 1047' FNL 974' FEL	BHL: Straight Hole
Objective Zone(s): Green River, Wasatch	Elevation: 5916'
Rig: Precision 404	Spud (est.):
BOPE Info: 5.0 x 13 3/8 rotating head from 600' to 4,000' 11 5M BOP stack and 5M kill lines and choke manifold used from 4,000' to 9,050' 11 10M BOE w/rotating head, 5M annular, 3.5 rams, blind rams & mud cross from 9,050' to TD	



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	4000	40.00	N-80	LTC	3,090	5,750	820
INTERMEDIATE	7"	0	9050	29.00	P-110	LTC	11,220	8,530	797
PRODUCTION LINER	4 1/2"	8850	11900	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	3,500	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	572	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	4,550	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	324	10%	12.0 ppg	2.31
	Tail	1,000	Halco-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		3,050	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	225	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 713-997-5929MANAGER: Tommy Gaydos

EP ENERGY E&P COMPANY, L.P.
WILSON 1-18C4
SECTION 18, 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 4.6 MILES TO AN INTERSECTION;

TURN RIGHT AND TRAVEL EASTERLY 0.76 MILES ON EXISTING GRAVEL COUNTY ROAD TO THE BEGINNING OF THE PROPOSED ACCESS ROAD;

TURN RIGHT ONTO ACCESS ROAD AND FOLLOW FLAGS 0.16 MILES TO THE PROPOSED WELL LOCATION;

TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 5.52 MILES.

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EP ENERGY E & P COMPANY, L.P.

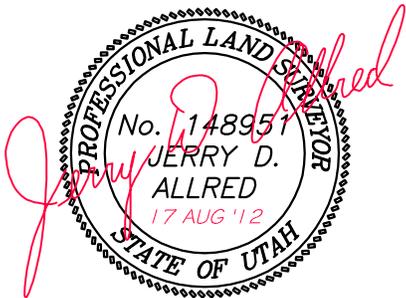
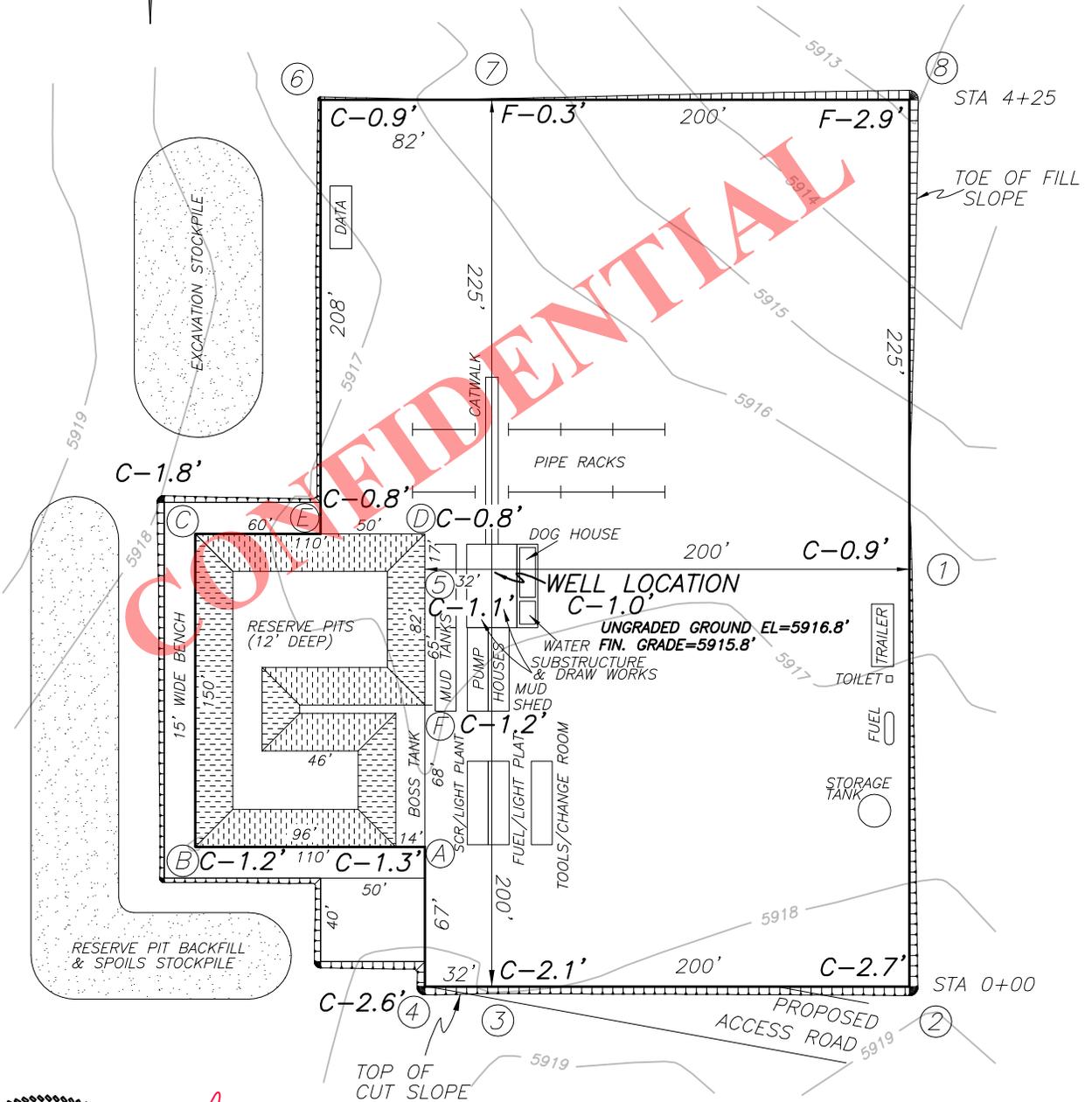
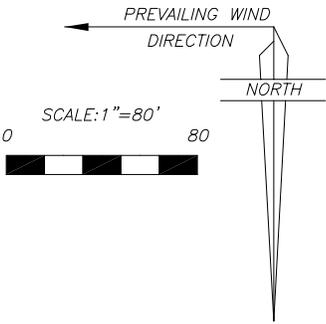
FIGURE #1

LOCATION LAYOUT FOR

WILSON 1-18C4

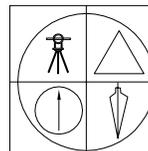
SECTION 18, T3S, R4W, U.S.B.&M.

1047' FNL, 974' FEL



17 AUG 2012

01-128-312



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

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

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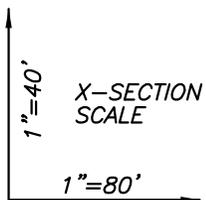
FIGURE #2

LOCATION LAYOUT FOR

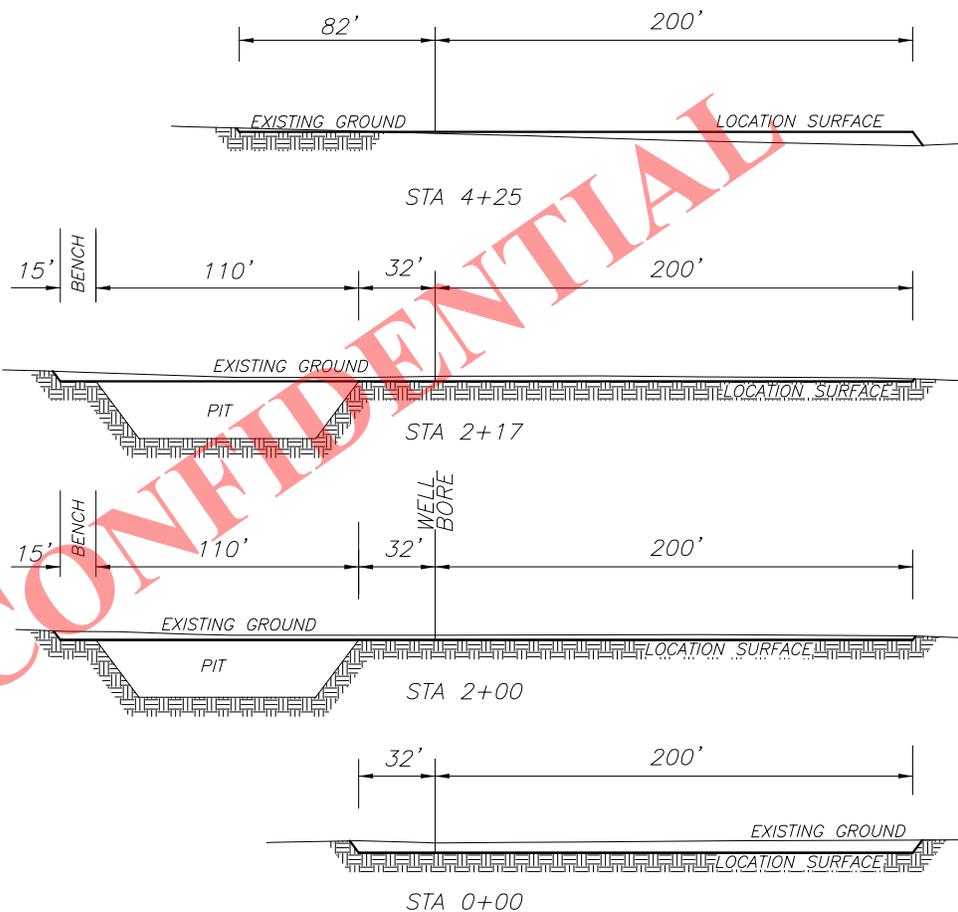
WILSON 1-18C4

SECTION 18, T3S, R4W, U.S.B.&M.

1047' FNL, 974' FEL



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



APPROXIMATE QUANTITIES

TOTAL CUT (INCLUDING PIT) = 10,165 CU. YDS.

PIT CUT = 4572 CU. YDS.

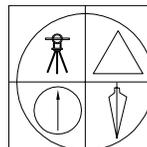
TOPSOIL STRIPPING: (6") = 2532 CU. YDS.

REMAINING LOCATION CUT = 3061 CU. YDS

TOTAL FILL = 1416 CU. YDS.

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

ACCESS ROAD GRAVEL=238 CU. YDS.



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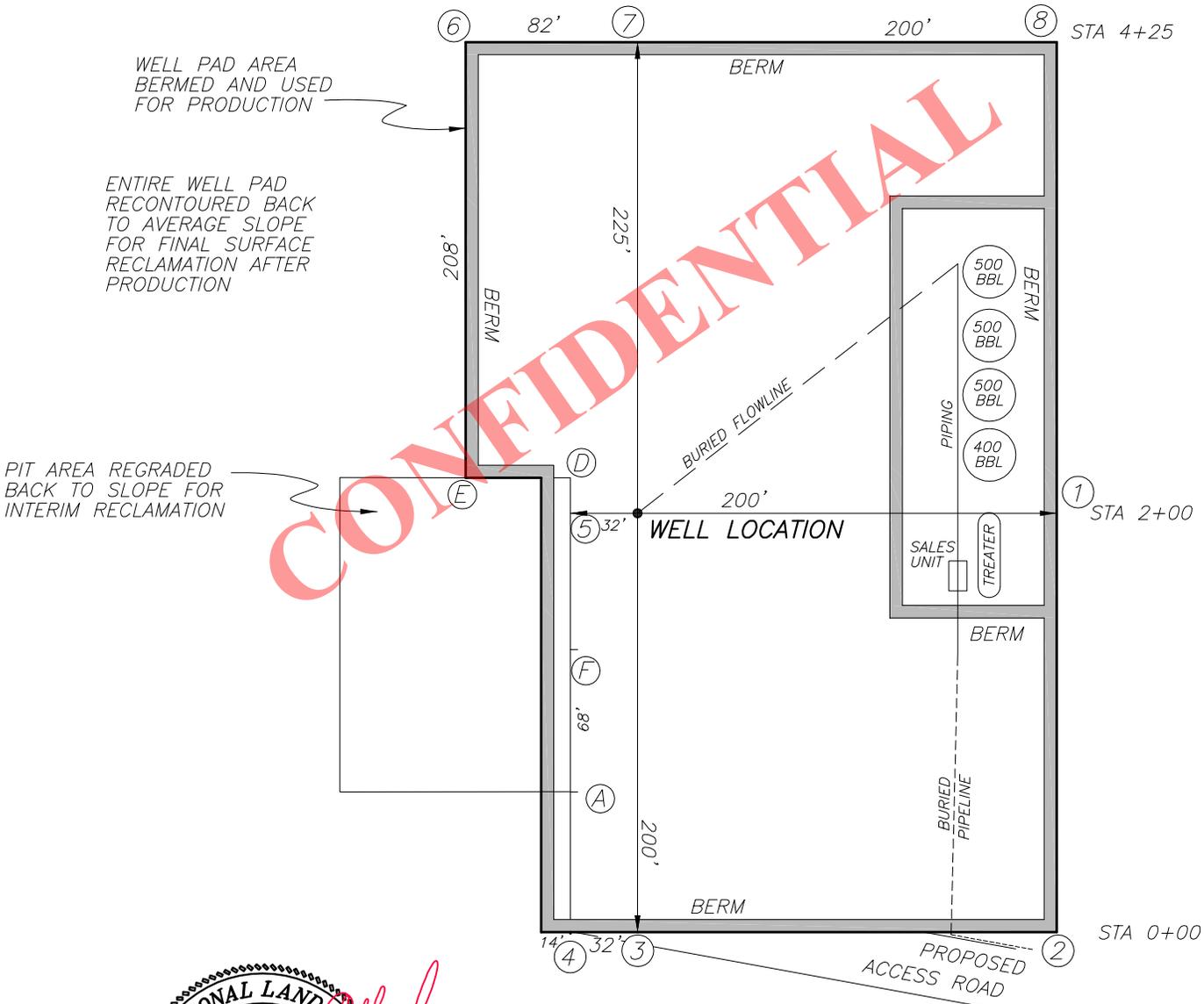
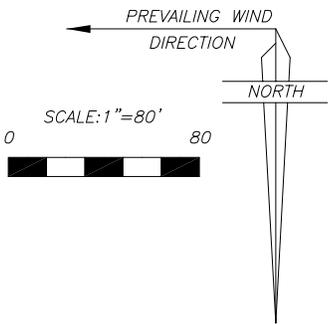
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FIGURE #3

LOCATION LAYOUT FOR
WILSON 1-18C4
SECTION 18, T3S, R4W, U.S.B.&M.
1047' FNL, 974' FEL



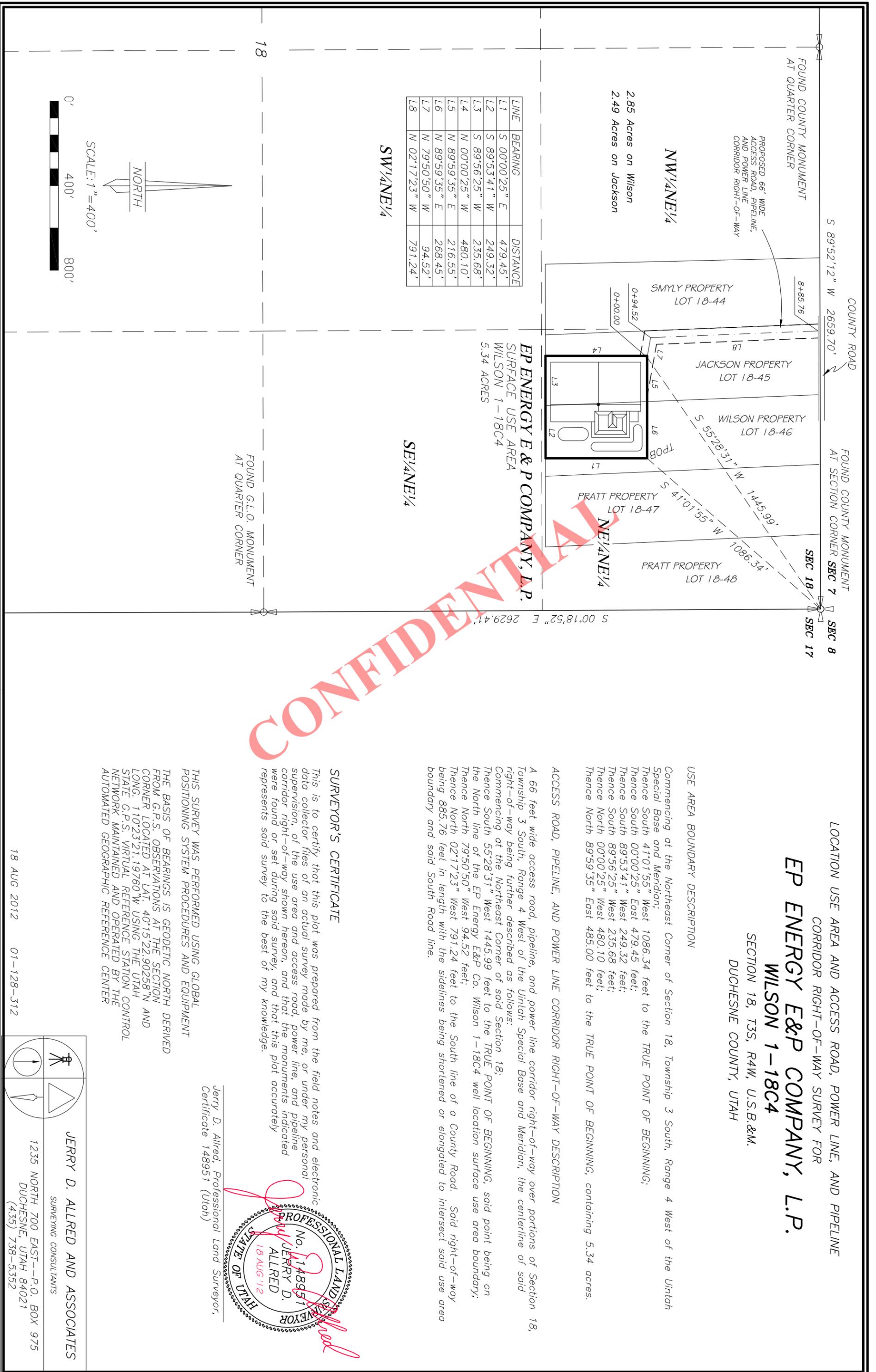
WELL PAD AREA BERMED AND USED FOR PRODUCTION

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

PIT AREA REGRADED BACK TO SLOPE FOR INTERIM RECLAMATION

Jerry D. Allred
 PROFESSIONAL LAND SURVEYOR
 No. 148951
 JERRY D. ALLRED
 17 AUG '12
 STATE OF UTAH

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



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

EP ENERGY E&P COMPANY, L.P.
WILSON 1-18C4

SECTION 18, T3S, R4W, U.S.B.&M.
DUCHESNE COUNTY, UTAH

USE AREA BOUNDARY DESCRIPTION

Commencing at the Northeast Corner of Section 18, Township 3 South, Range 4 West of the Uintah Special Base and Meridian;
Thence South 41°01'55" West 1086.34 feet to the TRUE POINT OF BEGINNING;
Thence South 00°00'25" East 479.45 feet;
Thence South 89°53'41" West 249.32 feet;
Thence South 89°56'25" West 235.68 feet;
Thence North 00°00'25" West 480.10 feet;
Thence North 89°59'35" East 485.00 feet to the TRUE POINT OF BEGINNING, containing 5.34 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 18, 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:
Commencing at the Northeast Corner of said Section 18;
Thence South 55°28'31" West 1445.99 feet to the TRUE POINT OF BEGINNING, said point being on the North line of the EP Energy E&P Co. Wilson 1-18C4 well location surface use area boundary;
Thence North 79°50'50" West 94.52 feet;
Thence North 02°17'23" West 791.24 feet to the South line of a County Road. Said right-of-way being 885.76 feet in length with the sidelines 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.

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

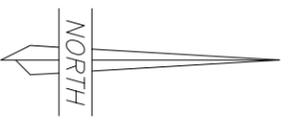
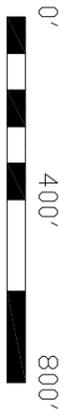
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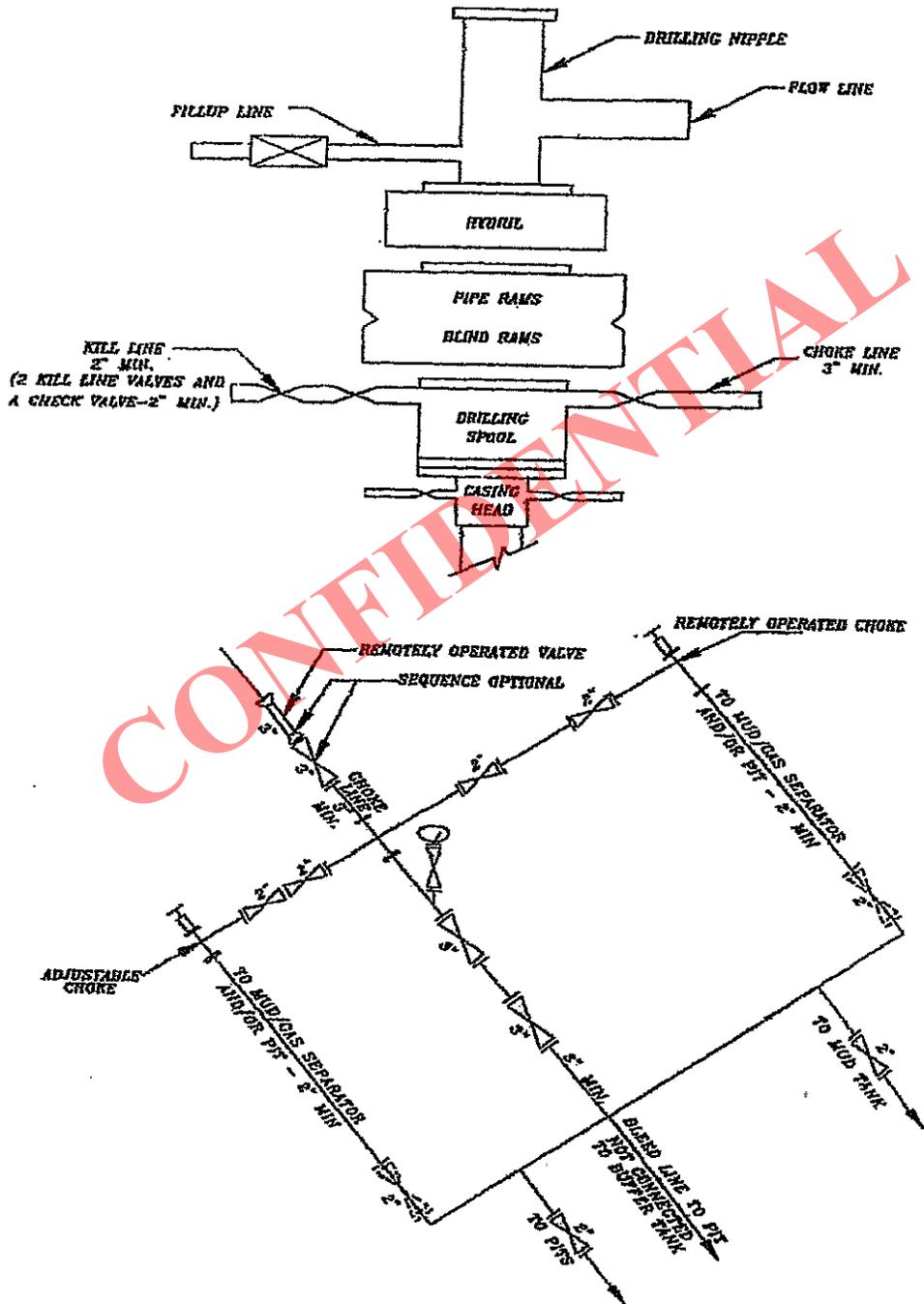
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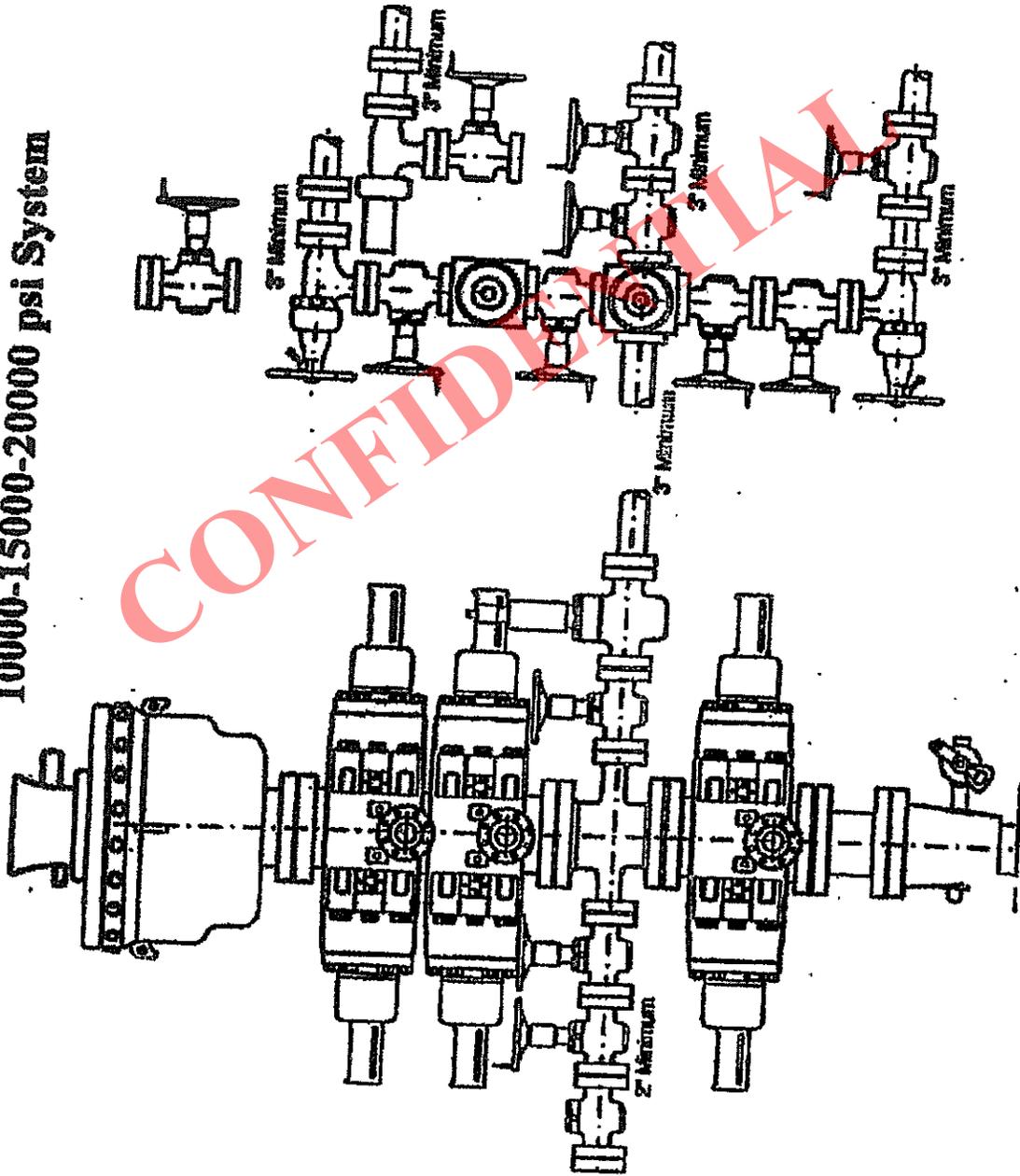
SCALE: 1" = 400'



5M BOP STACK and CHOKE MANIFOLD SYSTEM



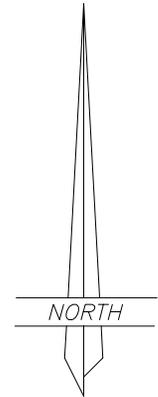
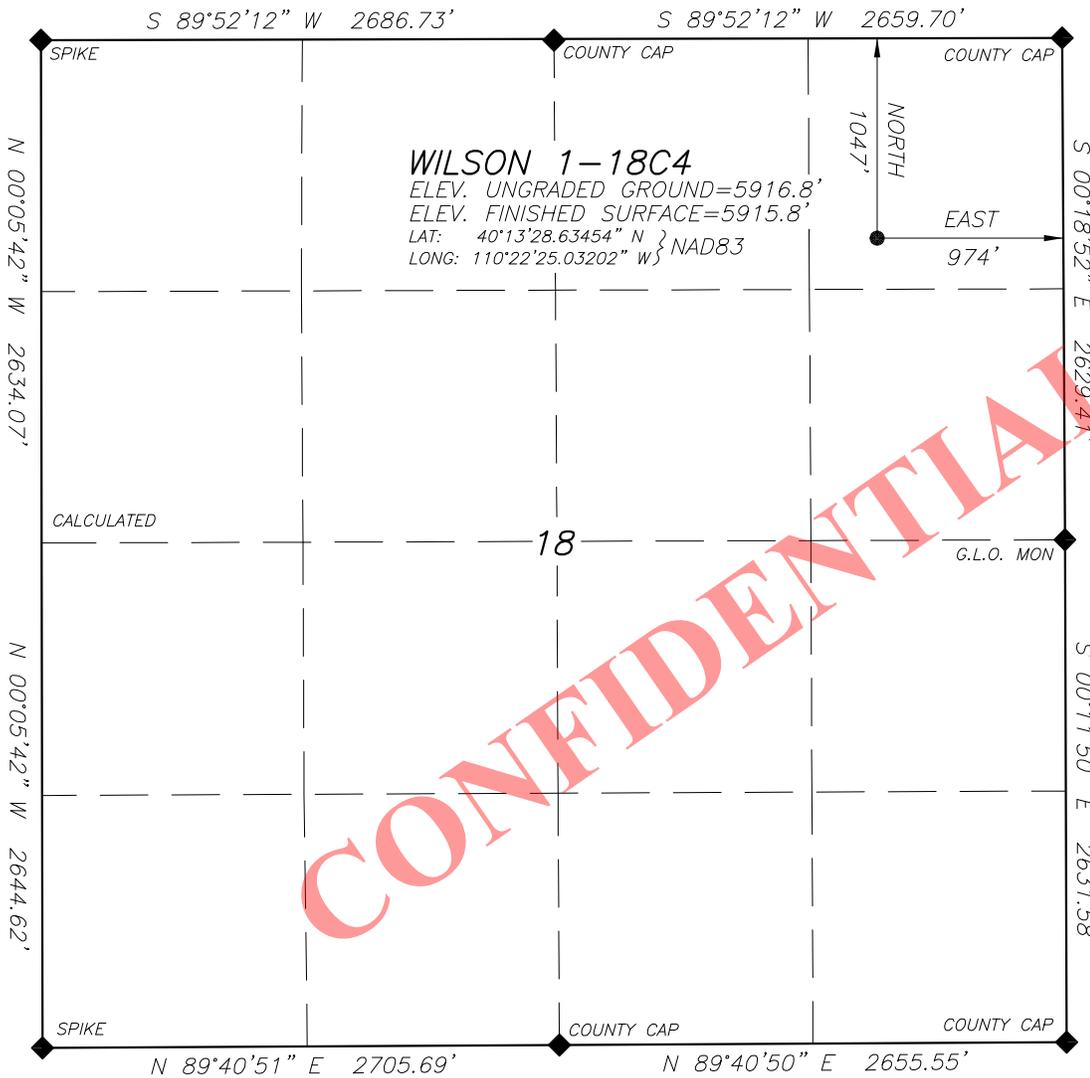
10000-15000-20000 psi System



EP ENERGY E & P COMPANY, L.P.

WELL LOCATION
WILSON 1-18C4

LOCATED IN THE NE¼ OF THE NE¼ OF SECTION 18, T3S, R4W, U.S.B.&M. DUCHESNE COUNTY, UTAH



SCALE: 1" = 1000'



NOTE:
NAD27 VALUES FOR WELL POSITION:
LAT: 40.22466393° N
LONG: 110.37290900° W

CONFIDENTIAL

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.

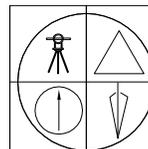
LEGEND AND NOTES

- ◆ 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



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

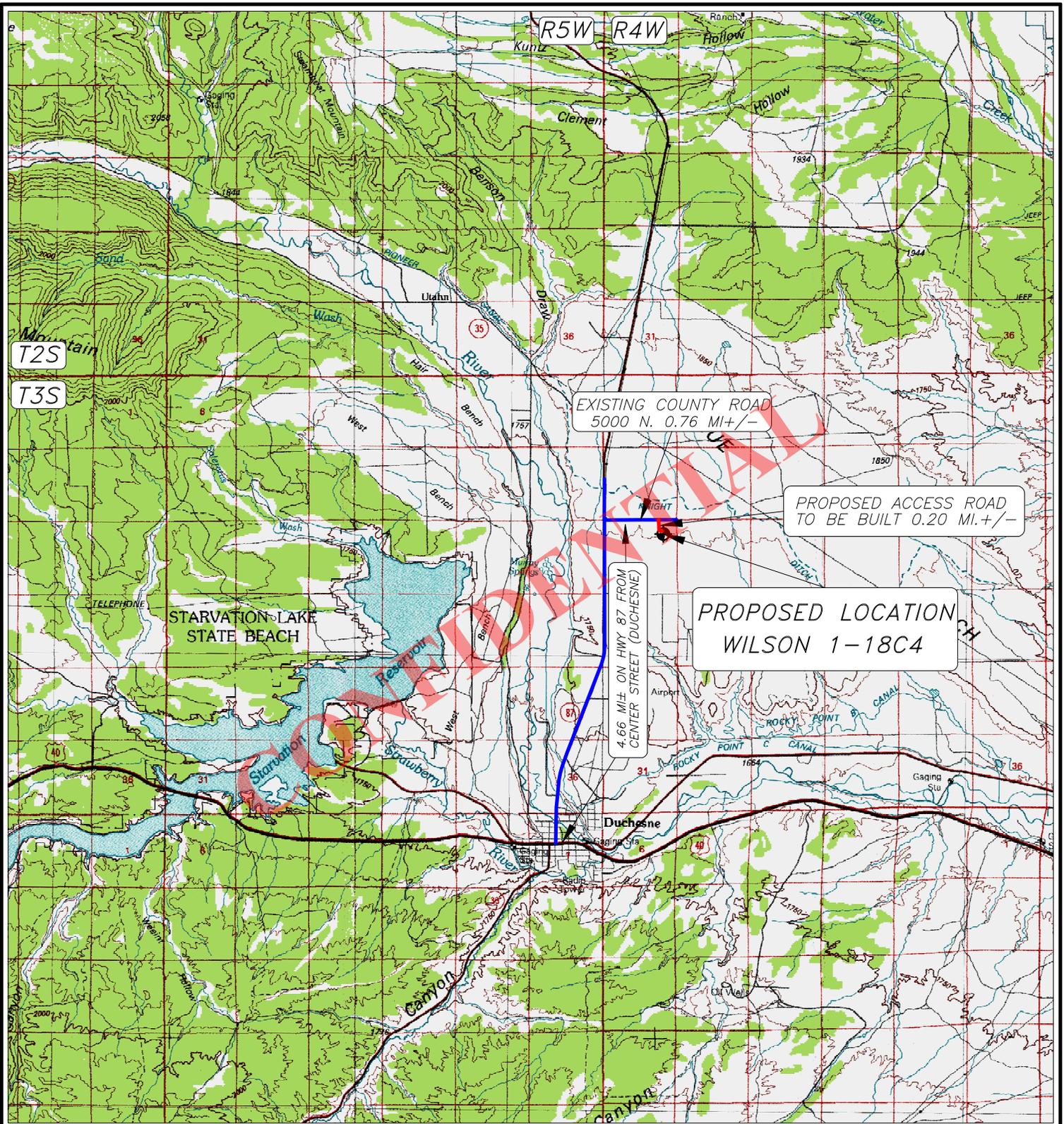


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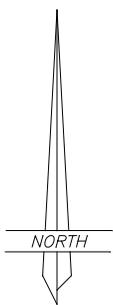
LEGEND:

 PROPOSED WELL LOCATION

01-128-312

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EP ENERGY E & P COMPANY, L.P.

WILSON 1-18C4

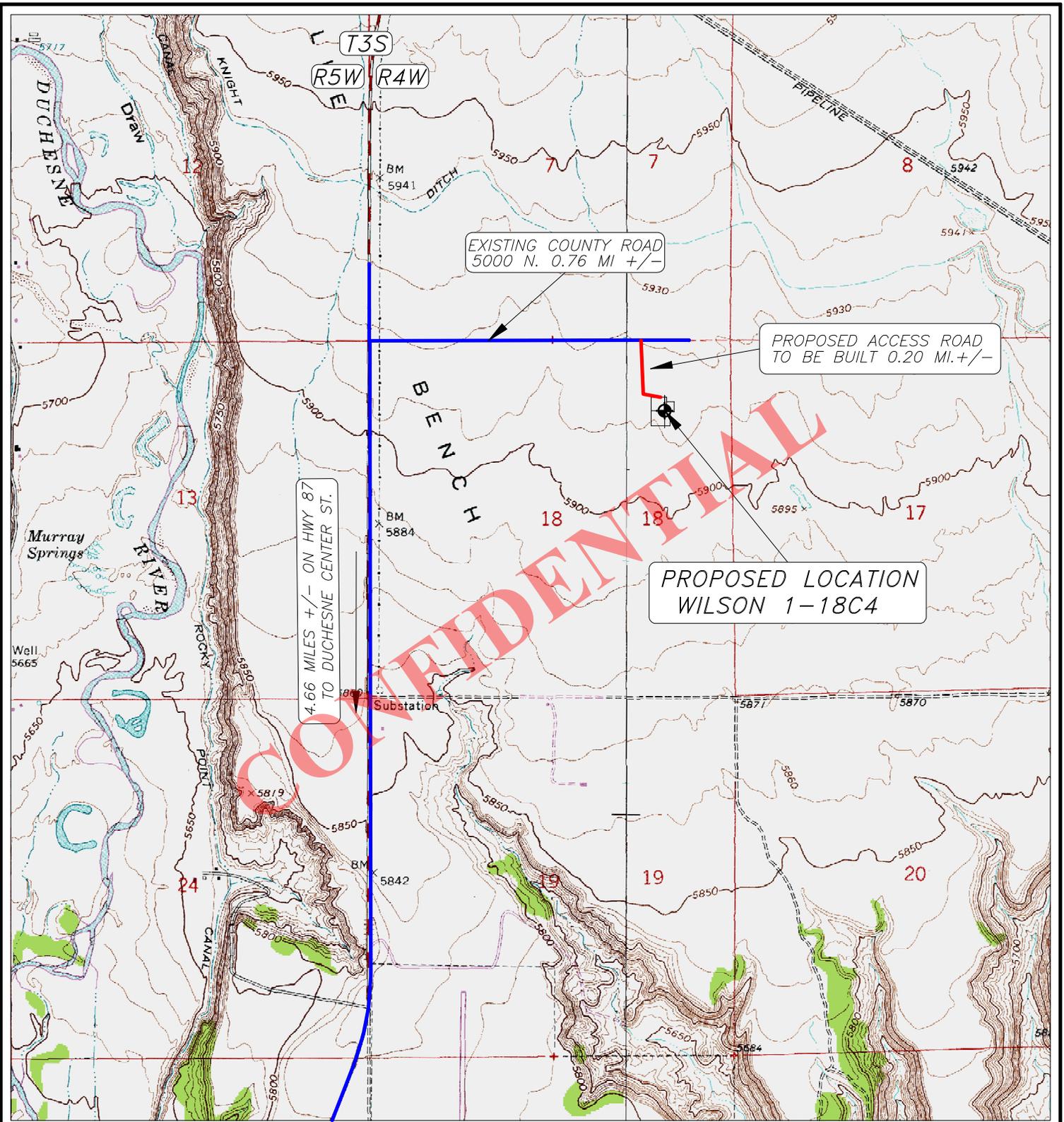
SECTION 18, T3S, R4W, U.S.B.&M.

1047' FNL 974' FEL

TOPOGRAPHIC MAP "A"

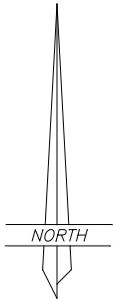
SCALE; 1"=10,000'

17 AUG 2012



LEGEND:

-  PROPOSED WELL LOCATION
 -  PROPOSED ACCESS ROAD
 -  EXISTING GRAVEL ROAD
 -  EXISTING PAVED ROAD
- 01-128-312
- JERRY D. ALLRED & ASSOCIATES**
SURVEYING CONSULTANTS
- 1235 NORTH 700 EAST--P.O. BOX 975
DUCHEсне, UTAH 84021
(435) 738-5352



EP ENERGY E & P COMPANY, L.P.

WILSON 1-18C4
SECTION 18, T3S, R4W, U.S.B.&M.
1047' FNL 974' FEL

TOPOGRAPHIC MAP "B"

SCALE: 1"=2000'
17 AUG 2012

AFFIDAVIT OF DAMAGE SETTLEMENT AND RELEASE

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

1. My name is Byron Moos. I am over the age of 21 and am an Independent Oil and Gas Landman under contract with Transcontinent Oil Company acting as agent for EP Energy E&P Company, L.P., whose address is 1001 Louisiana Street, Houston, Texas 77002 ("EP Energy").
2. EP Energy is the operator of the proposed Wilson 1-18C4 well ("the Well") to be located in the NE/4NE/4 (being a portion of Lots 18-45 and 18-46, Uintah View Ranches Subdivision) of Section 18, Township 3 South, Range 4 West, USM, Duchesne County, Utah (the "Drill site Location"). The surface owner of that portion of the Drill site location on Lot 18-45, Uintah View Ranches Subdivision, is Diane Hanna, whose address is P. O. Box 475, Duchesne, UT 84021. Telephone number (435) 738-0587. The surface owner of that portion of the Drill site location on Lot 18-46, Uintah View Ranches Subdivision, is Galen Wilson, whose address is P O Box 936, Duchesne, UT 84021. Telephone number (435) 630-1404. (the "Surface Owners").
3. EP Energy and the Surface Owners have entered into Damage Settlement and Release Agreements dated October 1, 2012 and October 15, 2012 to cover any and all injuries or damages of every character and description sustained by the Surface Owners or Surface Owner's property as a result of operations associated with the drilling, completion and producing the Well.

FURTHER AFFIANT SAYETH NOT.



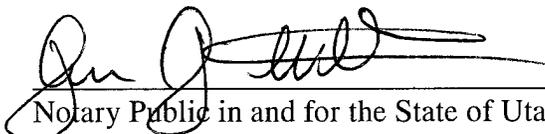
 Byron Moos

CONFIDENTIAL

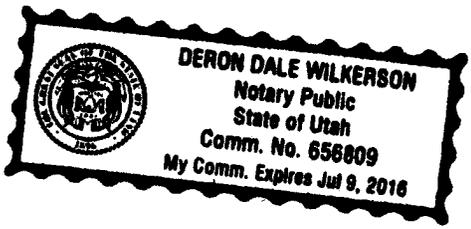
ACKNOWLEDGMENT

STATE OF UTAH §
 §
 COUNTY OF DUCHESNE §

This instrument was acknowledged before me on this the 15 day of October, 2012 by Byron Moos as a Landman acting as agent for EP ENERGY E&P COMPANY, L.P., a Delaware limited partnership, on behalf of said partnership and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.



 Notary Public in and for the State of Utah



EP Energy E&P Company, L.P.

Related Surface Information

1. **Current Surface Use:**

- Livestock Grazing and Oil and Gas Production.

2. **Proposed Surface Disturbance:**

- The road will be crown and ditch. Water wings will be constructed on the access road as needed.
- The topsoil will be windrowed and re-spread in the borrow area.
- New road to be constructed will be approximately .20 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 .20 miles will parallel the proposed access road. The corridor will contain one 4 inch gas line and one 2 inch gas line and one 2 inch Salt Water disposal line. Rehabilitation of unneeded, previously disturbed areas will consist of backfilling and contouring the reserve pit area; backsloping and contouring all cut and fill slopes. These areas will be reseeded. Refer to plans for reclamation of surface for details.
- Upgrade and maintain access roads and drainage control structures (e.g., culverts, drainage dips, ditching, etc.) as necessary to prevent soil erosion and accommodate safe, year-round traffic.

6. **Construction Materials:**

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

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

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

8. **Ancillary Facilities:**

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

9. Surface Reclamation Plans:

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

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

10. Surface Ownership:

Diana Hanna
P.O. Box 475
Duchesne, Utah 84021
435-738-0587

Galen Wilson
P.O. Box 936
Duchesne, Utah 84021
435-630-1404

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:

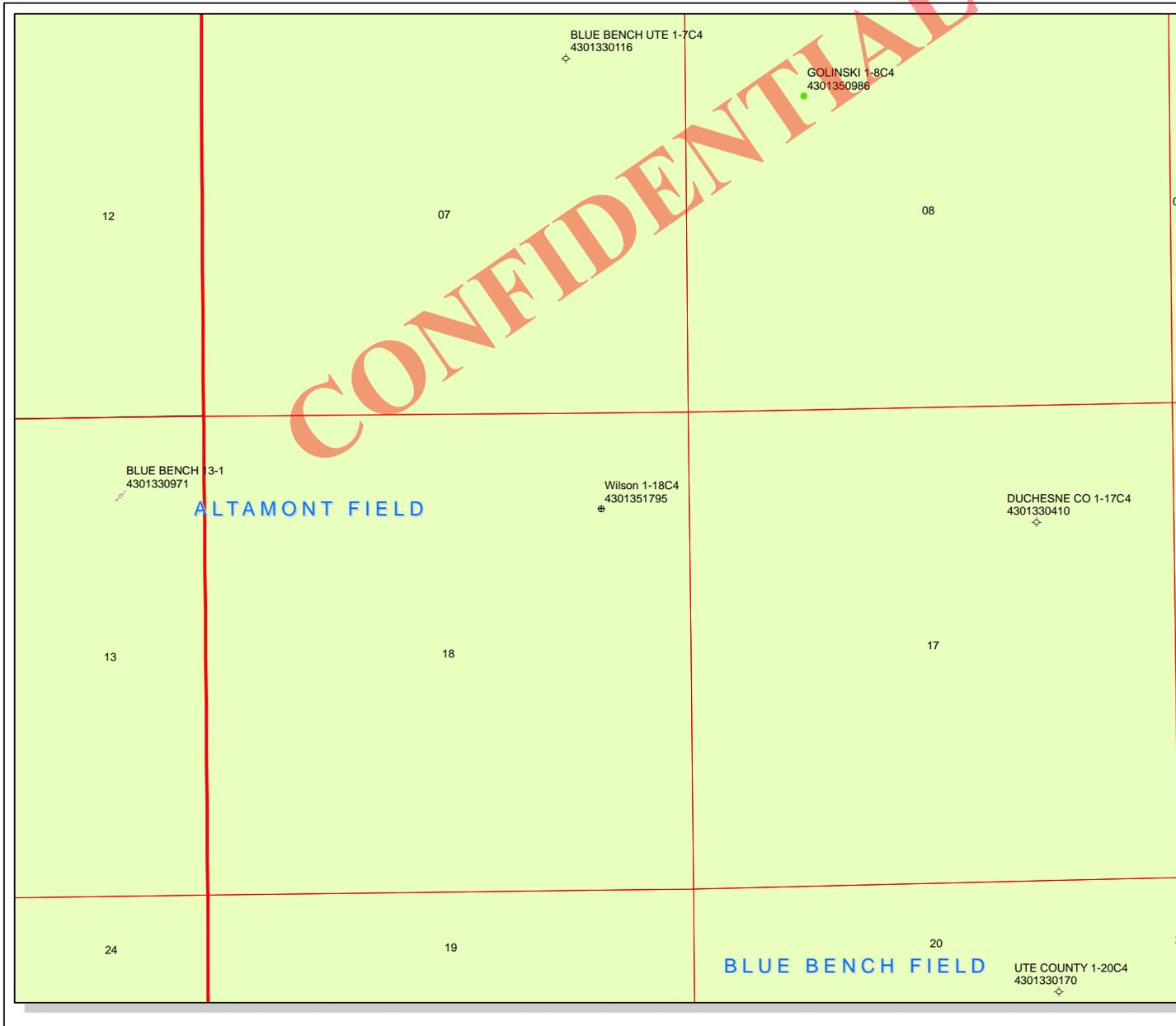
EP Energy E&P Company, L.P.
Wayne Garner
PO Box 410
Altamont, Utah 84001
435-454-3394 – Office
435-823-1490 – Cell

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

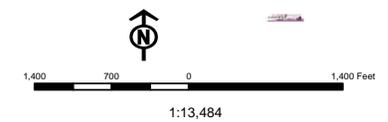
EP Energy E&P Company, L.P.
Joe Cawthorn – Drilling Engineer
1001 Louisiana, Rm 2523B
Houston, Texas 77002
713-997-5929 – office
832-465-2882 – Cell



API Number: 4301351795
Well Name: Wilson 1-18C4
Township T03.0S Range R04.0W Section 18
Meridian: UBM
 Operator: EP ENERGY E&P COMPANY, L.P.

Map Prepared:
 Map Produced by Diana Mason

Units	Wells Query
STATUS	STATUS
ACTIVE	APD - Approved Permit
EXPLORATORY	DRIL - Spudded (Drilling Commenced)
GAS STORAGE	GIW - Gas Injection
NF PP OIL	GS - Gas Storage
NF SECONDARY	LOC - New Location
P1 OIL	OPS - Operation Suspended
PP GAS	PA - Plugged Abandoned
PP GEOTHERML	PGW - Producing Gas Well
PP OIL	POW - Producing Oil Well
SECONDARY	SGW - Shut-in Gas Well
TERMINATED	SOW - Shut-in Oil Well
Fields	TA - Temp. Abandoned
Unknown	TW - Test Well
ABANDONED	WDW - Water Disposal
ACTIVE	WW - Water Injection Well
COMBINED	WSW - Water Supply Well
INACTIVE	Bottom Hole Location - Oil&GasDls
STORAGE	
TERMINATED	



Well Name	EP ENERGY E&P COMPANY, L.P. Wilson 1-18C4 43013517950000			
String	Cond	Surf	I1	L1
Casing Size(")	13.375	9.625	7.000	4.500
Setting Depth (TVD)	600	3300	8000	10500
Previous Shoe Setting Depth (TVD)	0	600	3300	8000
Max Mud Weight (ppg)	8.8	9.5	10.5	12.0
BOPE Proposed (psi)	1000	1000	5000	10000
Casing Internal Yield (psi)	2730	5750	11220	12410
Operators Max Anticipated Pressure (psi)	6552			12.0

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 <input type="checkbox"/> air drill
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	143	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	143	NO <input type="checkbox"/> OK <input type="checkbox"/>
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=	1680	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1234	NO <input type="checkbox"/> rotating head, WBM
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	904	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1036	NO <input type="checkbox"/> OK <input type="checkbox"/>
Required Casing/BOPE Test Pressure=		3300	psi
*Max Pressure Allowed @ Previous Casing Shoe=		600	psi *Assumes 1psi/ft frac gradient

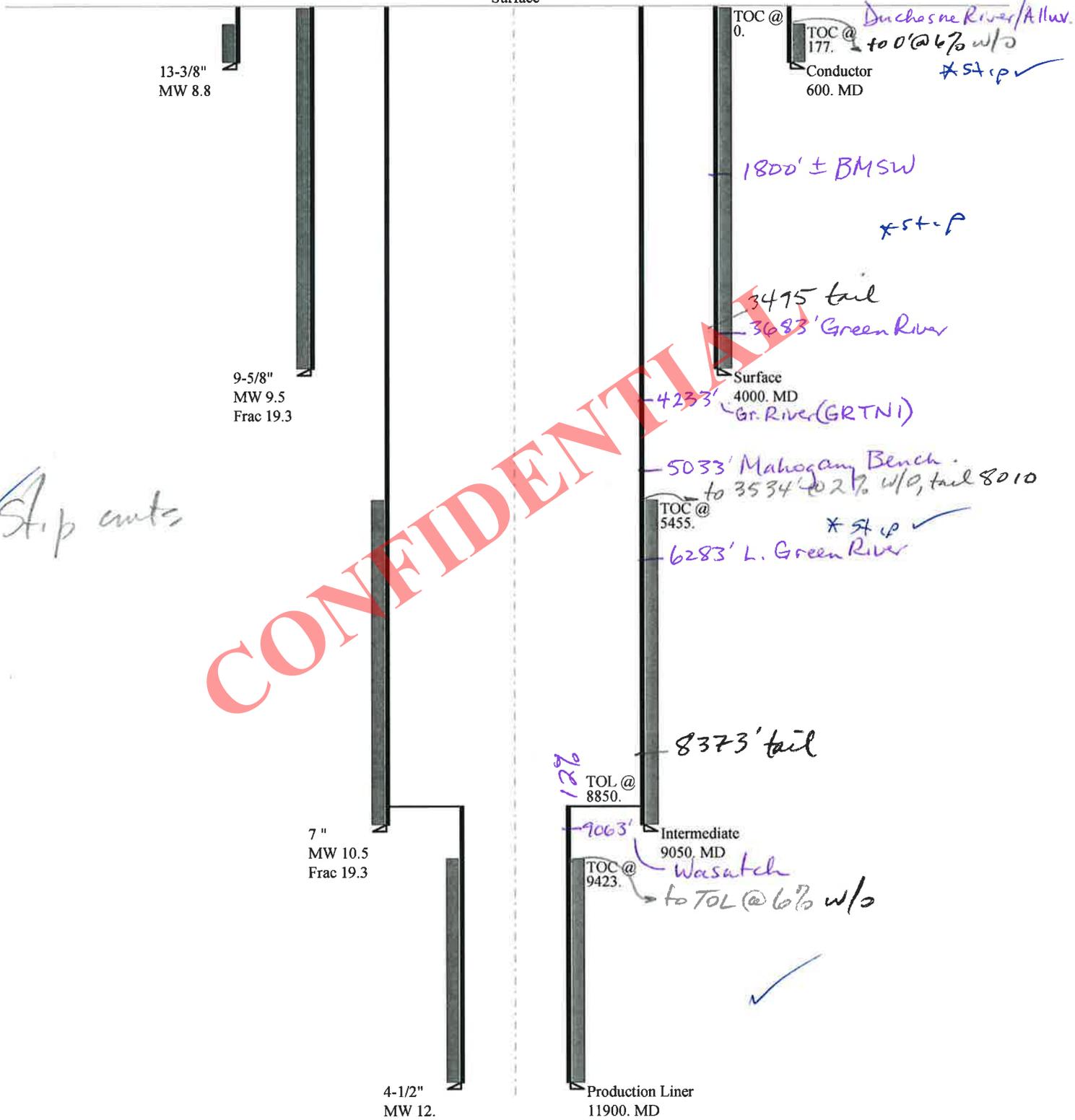
Calculations	I1 String	7.000	"
Max BHP (psi)	.052*Setting Depth*MW=	4368	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3408	YES <input type="checkbox"/> WBM
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2608	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3334	NO <input type="checkbox"/> OK <input type="checkbox"/>
Required Casing/BOPE Test Pressure=		7854	psi
*Max Pressure Allowed @ Previous Casing Shoe=		3300	psi *Assumes 1psi/ft frac gradient

Calculations	L1 String	4.500	"
Max BHP (psi)	.052*Setting Depth*MW=	6552	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	5292	YES <input type="checkbox"/> WBM
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	4242	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	6002	YES <input type="checkbox"/> OK <input type="checkbox"/>
Required Casing/BOPE Test Pressure=		8687	psi
*Max Pressure Allowed @ Previous Casing Shoe=		8000	psi *Assumes 1psi/ft frac gradient

43013517950000 Wilson 1-18C4

Casing Schematic

Surface



Well name:	43013517950000 Wilson 1-18C4		
Operator:	EL PASO E & P COMPANY, LP		
String type:	Conductor	Project ID:	43-013-51795
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 8.800 ppg
 Internal fluid density: 1.000 ppg

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 82 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft
 Cement top: 177 ft

Burst

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

No backup mud specified.

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)

Non-directional string.

Tension is based on air weight.
 Neutral point: 522 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	600	13.375	54.50	J-55	ST&C	600	600	12.49	7445
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	243	1130	4.648	274	2730	9.95	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: January 3, 2013
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 600 ft, a mud weight of 8.8 ppg. An internal gradient of .052 psi/ft was used for collapse from TD to TD. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013517950000 Wilson 1-18C4		
Operator:	EL PASO E & P COMPANY, LP		
String type:	Surface	Project ID:	43-013-51795
Location:	DUCHESNE COUNTY		

Design parameters:**Collapse**

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

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 130 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 6 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 2,945 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 3,825 psi

No backup mud specified.

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: 3,435 ft

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

Next setting depth: 9,050 ft
Next mud weight: 10.500 ppg
Next setting BHP: 4,936 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 4,000 ft
Injection pressure: 4,000 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	4000	9.625	40.00	N-80	LT&C	4000	4000	8.75	50899
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	1974	3090	1.565	3825	5750	1.50	160	737	4.61 J

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

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

Date: January 3, 2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 4000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013517950000 Wilson 1-18C4		
Operator:	EL PASO E & P COMPANY, LP		
String type:	Intermediate	Project ID:	43-013-51795
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 10.500 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 201 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft

Cement top: 5,455 ft

Burst

Max anticipated surface pressure: 4,800 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 6,791 psi

No backup mud specified.

Tension:

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

Tension is based on air weight.
 Neutral point: 7,612 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 11,900 ft
 Next mud weight: 12.000 ppg
 Next setting BHP: 7,418 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 9,050 ft
 Injection pressure: 9,050 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	9050	7	29.00	P-110	LT&C	9050	9050	6.059	102198
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	4936	8530	1.728	6791	11220	1.65	262.5	797	3.04 J

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

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

Date: January 3, 2013
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9050 ft, a mud weight of 10.5 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:	43013517950000 Wilson 1-18C4		
Operator:	EL PASO E & P COMPANY, LP		
String type:	Production Liner	Project ID:	43-013-51795
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 12.000 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 241 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft

Burst

Max anticipated surface pressure: 4,800 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 7,418 psi

No backup mud specified.

Tension:

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

Tension is based on air weight.
 Neutral point: 11,351 ft

Cement top: 9,423 ft

Liner top: 8,850 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	3100	4.5	13.50	P-110	LT&C	11900	11900	3.795	17371
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	7418	10680	1.440	7418	12410	1.67	41.8	338	8.08 J

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

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

Date: January 3, 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 11900 ft, a mud weight of 12 ppg. The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator EP ENERGY E&P COMPANY, L.P.
Well Name Wilson 1-18C4
API Number 43013517950000 **APD No** 7014 **Field/Unit** ALTAMONT
Location: 1/4,1/4 NENE **Sec** 18 **Tw** 3.0S **Rng** 4.0W 1047 FNL 974 FEL
GPS Coord (UTM) 553290 4452877 **Surface Owner** Diana Hanna

Participants

Mike Hana (Surface owner); Wayne Garner (EP Energy); David Allred (EP Energy, land); Ryan Allred & Clayton Packer (Allred & Associates); Dennis Ingram (Division Oil, Gas & Mining)

Regional/Local Setting & Topography

The proposed Wilson 1-18C4 well site is located in northeastern Utah approximately 4.66 miles north of Duchesne along highway 87, then easterly along an existing county road for .20 miles, then south along the proposed access road into well pad. The surface is relatively flat but slopes slightly to the south. The topography changes little across Blue Bench, which is mostly flat, open rangeland that was once irrigated to grow alfalfa. The surface does change approximately 1.25 miles to the west where this bench habitat drops off into the Duchesne River Drainage; the topography also slopes gently in a southerly direction until it reaches the Duchesne River Drainage some two plus miles away. To the north, broken sandstone shelves are common as the elevation rises into pinion juniper habitat.

The immediate surface area around the proposed well pad is rural housing with trailers and homes lined up east to west approximately eight hundred feet to the north. The access road will come down the western boundary of Mike & Diana Hana's property and continue south before turning east into the pad after construction.

Surface Use Plan

Current Surface Use

Residential
Wildlfe Habitat

New Road Miles

0.2

Well Pad

Width 310 **Length** 425

Src Const Material

Onsite

Surface Formation

#####

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Rabbit brush and weeds; vegetation no suitable for wildlife, potential rabbit, coyote, mule deer, fox and birds of prey.

Soil Type and Characteristics

Reddish in color, fine grained sandy loam, silt

Erosion Issues N**Sedimentation Issues** N**Site Stability Issues** N**Drainage Diversion Required?** N**Berm Required?** Y**Erosion Sedimentation Control Required?** N**Paleo Survey Run?** N **Paleo Potential Observed?** N **Cultural Survey Run?** N **Cultural Resources?** N**Reserve Pit****Site-Specific Factors****Site Ranking**

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

1 Sensitivity Level

Characteristics / Requirements

Proposed reserve pit in cut on the northeastern side of location, measuring 110' wide by 150' long by 12 feet deep, and having prevailing winds from the west.

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

Mike Hana is a landowner and attended the presite meeting, he requested that EP Energy dig up and move a buried horse inside of corner number eight. Concerns were also raised about safety from Mike Hana and Galen Wilson who own adjacent properties this well pad will straddle. EP Energy agreed to fence the location with either a six foot, sheep wire fence to prevent children from entering site or chain link fencing; the operator will also install a gate and cattle guard with fencing down the access road to protect children playing in the area from truck traffic. Mr. Wilson also expressed concerns about H2S gas since the wellbore is only 800 feet south of their homes. The prevailing winds generally blow from the west. The operator should install wind socks so the public will know which direction gas can/could be carried.

Dennis Ingram

12/12/2012

Evaluator

Date / Time

CONFIDENTIAL

**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
7014	43013517950000	LOCKED	OW	P	No
Operator	EP ENERGY E&P COMPANY, L.P.		Surface Owner-APD	Diana Hanna	
Well Name	Wilson 1-18C4		Unit		
Field	ALTAMONT		Type of Work	DRILL	
Location	NENE 18 3S 4W U 1047 FNL (UTM) 553293E 4452876N		974 FEL GPS Coord		

Geologic Statement of Basis

El Paso proposes to set 800 feet of conductor and 3,400 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 1,800 feet. A search of Division of Water Rights records indicates that there are 22 water wells within a 10,000 foot radius of the center of Section 18. These wells probably produce water from the Duchesne River Formation and associated alluvium. Depths of the wells fall in the range of 35-460 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 southwest of the proposed location. The proposed drilling, casing and cement program should adequately protect the highly used Duchesne River aquifer.

Brad Hill
APD Evaluator

12/24/2012
Date / Time

Surface Statement of Basis

A presite inspection was done on December 12, 2012 to take input and address issues regarding the construction and drilling of this well. The access road and location pad crosses two properties that belong to Diana & Mike Hana and Galen Wilson. Mike Hana attended the presite meeting while Mr. Wilson had to work. However, Mr. Wilson did speak to the Division twice on the phone about his concerns regarding this well. Both landowners have signed a landowner agreement with EP Energy. Safety concerns was an issues with both landowners, and therefore the operator shall install a five foot or higher fence around the location and access road to keep children in the area away from truck traffic and lease equipment. This fence either needs to be net wire or chain link type fencing to prevent entry by children . A gate shall also be installed to protect the public from the same issues. Wind socks and/or gas monitors and alarms shall be installed so the residents north of this site do not have to be concerned for their family safety. If H2S gas is encountered during the drilling program or production stage the operator shall notify the Division for public safety issues. The operator shall also move the horse grave inside location corner number eight like was promised to Mike Hana.

A reserve pit has been proposed immediately off the northeastern side of the location and will need lined with a 20 mil synthetic liner to prevent drilling fluids from subbing away into the sandy soils. The operator has promised the landowners they will close this pit as soon as possible after the drilling project has been completed. No other construction issues were noted at the time of the presite visit.

Dennis Ingram
Onsite Evaluator

12/12/2012
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 20 mils shall be properly installed and maintained in the reserve pit.
Pits	The reserve pit should be located on the east side of the location.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	The location and access road shall be fenced with net wire of chain link fencing to prevent the public from entering the wellsite and protect children playing in the area from truck traffic.
Surface	Wind socks and/or gas monitors and alarms shall be installed so the residents north of this site do not have to be concerned for their family safety.

CONFIDENTIAL

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/18/2012

API NO. ASSIGNED: 43013517950000

WELL NAME: Wilson 1-18C4

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

PHONE NUMBER: 713 997-5038

CONTACT: Maria S. Gomez

PROPOSED LOCATION: NENE 18 030S 040W

Permit Tech Review:

SURFACE: 1047 FNL 0974 FEL

Engineering Review:

BOTTOM: 1047 FNL 0974 FEL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.22462

LONGITUDE: -110.37361

UTM SURF EASTINGS: 553293.00

NORTHINGS: 4452876.00

FIELD NAME: ALTAMONT

LEASE TYPE: 4 - Fee

LEASE NUMBER: Fee

PROPOSED PRODUCING FORMATION(S): GREEN RIVER-WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: STATE - 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

Commingle 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 Producing Grrv-Wstc Wells In Sec Drl Unit
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhill
8 - Cement to Surface -- 2 strings - hmaconnald
12 - Cement Volume (3) - ddoucet



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: Wilson 1-18C4
API Well Number: 43013517950000
Lease Number: Fee
Surface Owner: FEE (PRIVATE)
Approval Date: 1/9/2013

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-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 3500' MD as indicated in the submitted drilling plan.

Additional Approvals:

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

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

Notification Requirements:

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

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

Contact Information:

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

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

Reporting Requirements:

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

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

Approved By:

Approved by:

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

For John Rogers
Associate Director, Oil & Gas



Alexis Huefner < alexishuefner@utah.gov >

24Hr Notification of Spud for Wilson 1-18C4 API # 43013517950000

1 message

RLANDRIG008 < RLANDRIG008@epenergy.com >

Sun, Feb 3, 2013 at 2:58 PM

To: Alexis Huefner <alexishuefner@utah.gov>, "Amend, Chapman L" <Chapman.Amend@epenergy.com>, Carol Daniels <caroldaniels@utah.gov>, "Cawthorn, Joseph W" <Joseph.Cawthorn@epenergy.com>, Dennis Ingram <dennisingram@utah.gov>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>, "Gaydos, Tommy L" <Tommy.Gaydos@epenergy.com>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>

Feb. 3rd 2013

NENE 18 3S 4W

We plan to spud & set 40' of 20" conductor on the Well: Wilson 1-18C4 API # 43013517950000. In Duchesne County, Utah. On 2/4/2013

Rig is Pete Martin.

Best Regards

Tony Wilkerson

EP Energy

Rig Site Supervisor

C: 435-823-1725

CONFIDENTIAL

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

Search Images Drive Calendar Sites Groups Contacts Mobile More

caroldaniels@utah.gov

Mail

Navigation bar with several empty boxes and a 'More' button.

8 of 121

COMPOSE

NYT Global Home - Woman Found Fatally Shot at Home of Pistorius - 2 hours ago

Web Clip

Inbox (19)

- Starred
- Important
- Sent Mail
- Drafts (2)
- Cabinet
- Follow up
- Misc
- Notes

24 Hour Notification for Testing BOPE, Csg and Spudding of 12 1/4" Hole section on the Well: Wilson 1-18C4

Inbox x

People (8)

RLANDRIG008

CONFIDENTIAL

2:32 PM (15 hours ago)

RLANDRIG008

rlandrig008@epenergy.com

Feb. 13, 2013

Show details

Ms. Daniels.

Subject: 24 Hrs notification of Test 13 5/8" 3 K Diverter System, Test Pre-Set 13 3/8" Surface Casing. Spud notification on the 12 1/4" hole section.

Well: . Wilson 1-18C4
API# 43013517950000. *S-18 + 03S R04W*

We are planning on testing the 13 5/8" 3 K Diverter System BOPE, testing 13 3/8" Pre-Set Surface Casing and Spudding the 12 1/4" section on this Well. The Drilling Contractor will be Precision Drilling Rig #404. We're scheduled to Spud in late evening Feb. 13, 2013.

Best Regards

Steven Murphy
EP Energy
Rig Site Supervisor
Altamont, Utah
C: 435-828-1725

Search people...

- Don Staley
- alexishuefner
- Diana Mason
- barbara_nicol
- Brady Riley Inv...
- Dan Jarvis
- Dustin Doucet
- JET
- pat506

RECEIVED

FEB 1 5 2013

DIV. OF OIL, GAS & MINING

S-18 T03S R04W

Mail

Navigation bar with several empty rectangular boxes and a 'More' button.

18 of 135

COMPOSE

ESPN.com - Ex-Texas F Johnson breaks skull in Israel game - 1 hour ago

Web Clip

- Inbox (30)
- Starred
- Important
- Sent Mail
- Drafts (1)
- Cabinet
- Follow up
- Misc
- Notes

24 Notification of Running and Cementing of 9 5/8" Surface Casing on the Wilson 1-18C4

People (8)

RLANDRIG008

Feb 18 (2 days ago)

RLANDRIG008

rlandrigo08@epenergy.com

Good morning Ms. Daniels.

Show details

Subject: Running and Cementing of our Surface Casing 9 5/8" 40# N-80 LTC.

Well: Wilson 1-18C4 API # 43013517950000. In Duchesne County, Utah.

Rig: Precision Drilling Rig #404

Best Regards

Steven Murphy
 Rig Site Supervisor
 EP Energy
 C: 435-823-1725

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

Search people...

- Don Staley
- Diana Mason
- alexishuefner
- barbara_nicol
- Brady Riley Inv...
- Dan Jarvis
- Dustin Doucet
- JET
- pat506

RECEIVED

FEB 18 2013

DIV. OF OIL, GAS & MINING

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

FORM 6

ENTITY ACTION FORM

Operator: EP Energy E&P Company, LP.
Address: 1001 Louisiana Street, Rm 2628C
city Houston
state TX zip 77002

Operator Account Number: N 3850

Phone Number: (713) 997-3587

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301351795	Wilson 1-18C4		NENE	18	3S	4W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	<i>new</i>	<i>18921</i>	2/4/2013		2/28/2013		
Comments:							

CONFIDENTIAL

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Lisa Morales

Name (Please Print)

Lisa Morales
Signature

Regulatory Analyst

Title

2-27-13

2/28/2013

Date

(5/2000)

RECEIVED

FEB 28 2013

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	8. WELL NAME and NUMBER: Wilson 1-18C4
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1047 FNL 0974 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 18 Township: 03.0S Range: 04.0W Meridian: U	9. API NUMBER: 43013517950000
PHONE NUMBER: 713 997-5038 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/18/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Initial Completion"/>

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

Approved by the Utah Division of Oil, Gas and Mining
Date: March 18, 2013
By: signature

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 3/18/2013	

**Wilson 1-18 C4
Initial Completion
43013517950000**

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 10000 psi with water. Perforations from ~10962' - 11243' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~135000# PowerProp Precured Resin Coated 20/40 Sand.
- Stage 2: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~10941'. Test CBP and casing to 8500 psi. Perforations from ~10658' - 10931' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~135000# PowerProp Precured Resin Coated 20/40 Sand.
- Stage 3: RU WL unit with 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~10638'. Test CBP and casing to 8500 psi. Perforations from ~10404' - 10628' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~125000# PowerProp Precured Resin Coated 20/40 Sand.
- Stage 4: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~10394'. Test CBP and casing to 8500 psi. Perforations from ~10172' - 10384' with ~5000 gallons of 15%

HCL acid, ~3000# of 100 mesh sand and ~120000# PowerProp Precured Resin Coated 20/40 Sand.

Stage 5: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~10155'. Test CBP and casing to 8500 psi. Perforations from ~9897' - 10145' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~130000# PowerProp Precured Resin Coated 20/40 Sand.

Stage 6: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~9872'. Test CBP and casing to 8500 psi. Perforations from ~9642' - 9862' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~120000# TLC Resin Coated 20/40 Sand.

Stage 7: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~9619'. Test CBP and casing to 8500 psi. Perforations from ~9435' - 9609' with ~5000 gallons of 15% HCL acid, ~3500# of 100 mesh sand and ~140000# TLC Resin Coated 20/40 Sand.

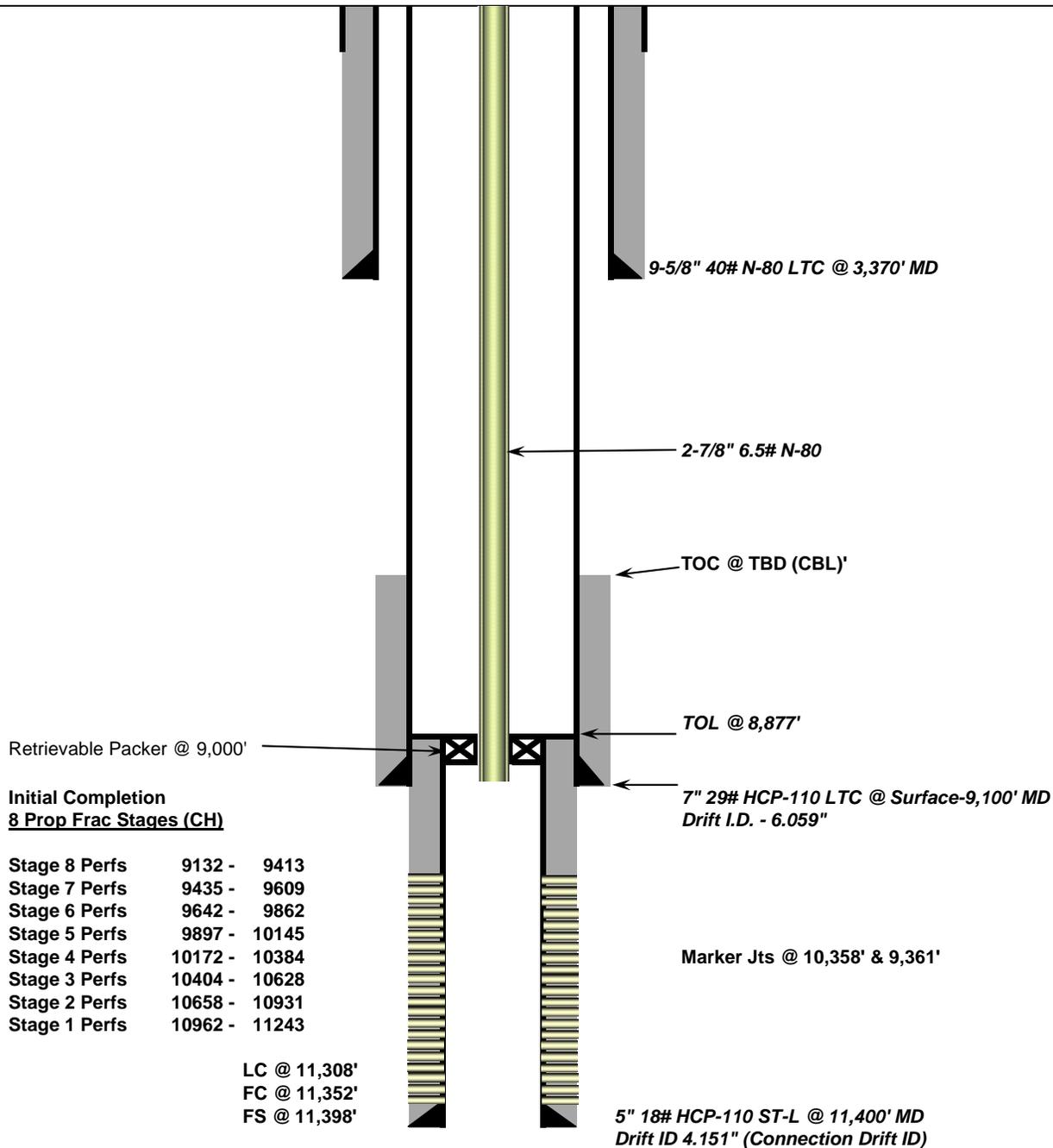
Stage 8: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~9423'. Test CBP and casing to 8500 psi. Perforations from ~9132' - 9413' with ~5000 gallons of 15% HCL acid, ~3500# of 100 mesh sand and ~140000# TLC Resin Coated 20/40 Sand.



Initial Completion Wellbore Schematic

Company Name: EP Energy
 Well Name: Wilson 1-18C4
 Field, County, State: Altamont - Bluebell, Duchesne, Utah
 Surface Location: Lat: 40°13'28.634N Long: 110°22'25.032E
 Producing Zone(s): Wasatch

Last Updated: 3/11/2013
 By: Holden Mayo
 TD: 11,400'
 BHL: _____
 Elevation: _____



**Initial Completion
8 Prop Frac Stages (CH)**

Stage 8 Perfs	9132 - 9413
Stage 7 Perfs	9435 - 9609
Stage 6 Perfs	9642 - 9862
Stage 5 Perfs	9897 - 10145
Stage 4 Perfs	10172 - 10384
Stage 3 Perfs	10404 - 10628
Stage 2 Perfs	10658 - 10931
Stage 1 Perfs	10962 - 11243

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
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: Wilson 1-18C4	
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013517950000	
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: 1047 FNL 0974 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 18 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	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 4/5/2013	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
Well has been completed and is producing. FINAL REPORT.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 18, 2013		
NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 4/5/2013	

1 General**1.1 Customer Information**

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	WILSON 1-18C4		
Project	ALTAMONT FIELD	Site	WILSON 1-18C4
Rig Name/No.	PRECISION DRILLING/404	Event	DRILLING LAND
Start Date	1/25/2013	End Date	3/7/2013
Spud Date/Time	2/15/2013	UWI	WILSON 1-18C4
Active Datum	KB @5,932.8ft (above Mean Sea Level)		
Afe No./Description	158691/47816 / WILSON 1-18C4		

2 Summary**2.1 Operation Summary**

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
2/4/2013	6:00 6:00	24.00	DPDCOND	07		P	0.0	INSTALL 40' CONDUCTOR & 85' MOUSE HOLE.DRILL PRE SET TO 670'. RUN & CMT CSG TO 635'.
2/13/2013	6:00 6:00	24.00	MIRU	01		P	670.0	MOVE IN & RIG UP. 100% MOVED IN 30% RIGGED UP.
2/14/2013	6:00 6:00	24.00	MIRU	01		P	670.0	100% MOVED. 60% RIGGED UP.
2/15/2013	6:00 10:00	4.00	MIRU	01		P	670.0	RIG UP FRONT YARD. FILL MUD TANKS W/ SPUD MUD. RIG ON DAY RATE @ 10:00 HRS. 2/14/2013
	10:00 15:00	5.00	CASCOND	28		P	670.0	N.U. DIVERTER RISER, ROTATING HEAD, FLOW LINE, CHOKE LINES, GAS BUSTER & FLARE STACK.
	15:00 21:00	6.00	CASCOND	19		P	670.0	PJSM - R/U B&C QUICK TEST, SET TEST PLUG, TESTED ANNULAR, HCR VALVE / MANUAL VALVE, KILL LINE VALVES, TIW VALVE, MANUAL & HYD TD VALVES, DART VALVE TO 250 PSI / 2,500 PSI W/ 10 MIN PER TEST. TESTED STAND PIPE & PUMP LINES TO 250 PSI / 3 M PSI. INSTALL SHAKER SCREENS BUILD SPUD MUD.
	21:00 1:30	4.50	CASCOND	14		P	670.0	PU & TIH BIT #1 12 1/4" DF506FX PDC BIT, HUNTING 9 5/8" LOBE: 5/6, STAGE: 4.0, REV/GAL: 0.11SH MTR, SHOCK SUB, (1) 8 1/2" NMDC (5) 8 1/2" DC, (5) 7 7/8" DC, XO SUB, (9 JTS) 4 1/2" HWDP & 4 1/2" DP. - WHILE P/U BHA - PRESSURE TESTED CHOKE MANIFOLD VALVES TO 250 LOW, 2,500 PSI HIGH, ALL TEST RAN AT 10 MINUTES EACH, FUNCTION TEST ALL CHOKES! FILLED CHOKE MANIFOLD AND CHOKE LINE BACK TO HCR WITH STRAIGHT MENTHANOL.
	1:30 3:00	1.50	CASCOND	17		P	670.0	SLIP AND CUT 9 WRAPS OF DRILLING LINE.
	3:00 5:00	2.00	CASCOND	31		P	670.0	FINISH TIH. TAG UP CEMENT @ 573'. C & C MUD. TEST 13 3/8" 54.5# J-55 STC CSG TO 1,000 PSI FOR 30 MINUTES, OK!.
	5:00 6:00	1.00	CASCOND	32		P	670.0	DRILL OUT CEMENT & SHOE TRACK.
2/16/2013	6:00 7:00	1.00	CASCOND	71		P	670.0	DRILL OUT SHOE TRACK.
	7:00 9:00	2.00	DRLSURF	07		P	670.0	DRILL 670' - 801'.
	9:00 9:30	0.50	DRLSURF	12		P	801.0	RIG SERVICE.
	9:30 11:00	1.50	DRLSURF	43		N	801.0	UNABLE TO ROTATE DRILL STRING - LOST POWER TO TOP DRIVE POWER UNIT - FOUND 24 VOLT WIRE GOUNDED OUT FOR THROTTLE.
	11:00 14:30	3.50	DRLSURF	07		P	801.0	DRILL 801' - 1,077'.
14:30 15:00	0.50	DRLSURF	11		P	1,077.0	WIRELINE SURVEY.	

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	15:00 19:30	4.50	DRLSURF	07		P	1,077.0	DRILL 1,077' - 1,547'.
	19:30 23:00	3.50	DRLSURF	43		N	1,547.0	DIESEL MOTOR ON TOP DRIVE UNIT UNFLANGED FROM HYDRALIC PUMP. TOH TO SHOE & TROUBLE SHOOT.
	23:00 1:30	2.50	DRLSURF	07		P	1,547.0	DRILL 1,547' - 1,915'.
	1:30 2:30	1.00	DRLSURF	43		N	1,915.0	MECHANIC INSPECTING COUPLING ON TOP DRIVE HYDRALIC UNIT.
	2:30 3:30	1.00	DRLSURF	07		P	1,915.0	DRILL 1,915' - 2,013'.
	3:30 4:00	0.50	DRLSURF	11		P	2,013.0	WIRELINE SURVEY - 1,965' 1.3 DEG. 233.77 AZM.
	4:00 6:00	2.00	DRLSURF	07		P	2,013.0	DRILL 2,013' - 2,137'.
2/17/2013	6:00 13:00	7.00	DRLSURF	07		P	2,137.0	DRILL 2,137' - 2,656'.
	13:00 13:30	0.50	DRLSURF	15		P	2,656.0	C & C MUD & BUILD SLUG.
	13:30 18:30	5.00	DRLSURF	13		P	2,656.0	TOH TO SURFACE.
	18:30 20:30	2.00	DRLSURF	14		P	2,656.0	CHANGE OUT BIT & MUD MOTOR
	20:30 21:00	0.50	DRLSURF	12		P	2,656.0	SERVICE RIG & TDU.
	21:00 0:00	3.00	DRLSURF	13		P	2,656.0	TIH.
2/18/2013	0:00 6:00	6.00	DRLSURF	07		P	2,656.0	DRILL 2,656' - 2,856'.
	6:00 9:30	3.50	DRLSURF	07		P	2,856.0	DRILLI 2,856' - 3,020'.
	9:30 11:00	1.50	DRLSURF	71		N	3,020.0	RIG LOST HCR POWER.
	11:00 0:00	13.00	DRLSURF	07		P	3,020.0	DRILL 3,020' - 3,360'.
	0:00 5:00	5.00	DRLSURF	13		P	3,360.0	BACK REAM OUT 6 STDS. PUMP SLUG & MAKE A WIPER TRIP TO THE SHOE.
2/19/2013	5:00 6:00	1.00	DRLSURF	15		P	3,360.0	C & C MUD. CIRC SWEEP AROUND.
	6:00 7:00	1.00	EVLSURF	42		P	3,360.0	GYRO WELL W/ VAUGHN ENERGY SERVICES.
	7:00 8:30	1.50	EVLSURF	15		P	3,360.0	CIRC SWEEP AROUND.
	8:30 13:30	5.00	CASSURF	13		P	3,360.0	TOH. L/D 9" & 8" DRL COLLARS.
	13:30 15:00	1.50	CASSURF	42		P	3,360.0	CLEAR FLOOR. L/D SHORT BAILS & INSTALL LONG BAILS & TRIP NIPPLE.
	15:00 15:30	0.50	CASSURF	12		P	3,360.0	SERVICE RIG & TDU.
	15:30 17:00	1.50	CASSURF	24		P	3,360.0	PJSM. R/U FRANKS WESTATES TOOLS.
	17:00 2:30	9.50	CASSURF	24		P	3,360.0	M/U 9 5/8" SHOE TRACK. CIRC THRU SAME. RAN A TOTAL OF 74 JT'S (3,370') OF 9 5/8" 40# N-80 LT&C CSG. CBU @ 1,377'. BRK CIRC @ 2,465'.
	2:30 4:30	2.00	CASSURF	15		P	3,360.0	FILL CSG. BRK CIRC SLOWLY. WASHED DWN F/ 3,342' T/ 3,360'. CIRC B/U & R/D FRANK'S WESTATES TOOLS.
4:30 6:00	1.50	CASSURF	25		P	3,360.0	PJSM. R.U. HES CMT HEAD & LINES. PRESS TEST LINES TO 3,000 PSI. AND START PRIMARY CMT JOB.	
2/20/2013	6:00 8:00	2.00	CASSURF	25		P	3,360.0	HPJSM. RU HES CMT LINES. - PSI TESTED LINES TO 3,000 PSI. PUMPED 50 BBLS FW, 520 SK'S (294 BBLS) LEAD CMT: 11.0 PPG, Y: 3.17, M/W: 19.55 GALS / SK - TAIL CMT 192 SX'S (45 BBLS) 14.3 PPG, Y: 1.30, M/W: 5.88 GALS / SK - DISPLACED W/ 251BBLS 9.9 PPG MUD. BUMP PLUG W/ 1,048 PSI, CHECK FLOATS, OK, HAD 1 BBL ON FLOW BACK - CIP AT 07:47 HRS 02/19/13, HAD 143 BBLS OF GOOD CEMENT BACK TO SURFACE - CEMENT FALLING BACK SLOWLY - R/D HOWCO CEMENTING HEAD AND LINES.
	8:00 11:30	3.50	CASSURF	25		P	3,360.0	R/U AND RAN 200' OF 1" PIPE - PREFORMED TOP OUT CEMENT JOB WITH 62 SK'S (13 BBLS) OF PREMIUM CEMENT MIXED AT 15.8 PPG, Y: 1.17, M/W: 5.0 GALS / SK - 3% CACL2. NOTE: AFTER PUMPING 3 BBLS, HAD CEMENT BACK TO SURFACE (EST. PRMY CMT DROP BACK 54'). CIP AT 10:00 HRS 02/19/13 - MONITOR FALL BACK, FELL 20' BEFORE STABILIZING.
	11:30 13:30	2.00	CASSURF	29		P	3,360.0	4 BOLT BOPE WHILE WAITING ON CEMENT TO SET UP.
	13:30 18:00	4.50	CASSURF	29		P	3,360.0	LIFT DIVERTER STACK, MAKE ROUGH CUT ON 9 5/8" CSG, L/D SAME - N/D 13 5/8" 5K DIVERTER STACK, CUT OFF AND REMOVE STARTER HEAD.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	18:00 22:30	4.50	CASSURF	28		P	3,360.0	MAKE FINAL CUT ON 9 5/8" CSG - INSTALLED 9 5/8" / 11" 5 K SOW MULTI BOWL WELL HEAD - TESTED SAME TO 2K PSI FOR 10 MINUTES, OK.
	22:30 6:00	7.50	CASSURF	28		P	3,360.0	INSTALL 11" 10K BOPE. TORQUE UP ALL BOLTS.
2/21/2013	6:00 7:00	1.00	CASSURF	28		P	3,360.0	FINISHED N/U ROATATING HEAD, FLOW LINE - NOTE: TESTED ALL VALVES IN CHOKE MANIFOLD AT 300 PSI LOW, 5,000 PSI HIGH, ALL TEST RAN AT 10 MINUTES, FUNCTION TESTED ALL CHOKES, OK!
	7:00 12:30	5.50	CASSURF	19		P	3,360.0	PJSM WITH B&C QUICK TEST - INSTALLED TEST PLUG, FILL WITH WATER - TEST UPPER, LOWER DP FLEX RAMS, BLINDS, HCR, KILL LINE, MANUAL VALVES AT 300 PSI LOW, 5,000 PSI HIGH - TESTED ANNULAR TO 300 PSI LOW, 2,500 PSI HIGH FOR 10 MINUTES, OK! TESTED CSG TO 2,500 PSI FOR 30 MINUTES, OK!
	12:30 13:30	1.00	CASSURF	42		P	3,360.0	INSTALL WEAR BUSHING, LOCK DOWN SAME.
	13:30 16:00	2.50	CASSURF	14		P	3,360.0	P/U RYAN DIRECT TOOLS, M/U BIT # 3 Q506F & TEST SAME.
	16:00 17:30	1.50	CASSURF	14		P	3,360.0	P/U 6 1/2" DRILL COLLARS.
	17:30 19:30	2.00	CASSURF	13		P	3,360.0	TIH TO 2,910'.
	19:30 20:00	0.50	CASSURF	12		P	3,360.0	SERVICE RIG & TDU.
	20:00 21:00	1.00	CASSURF	13		P	3,360.0	FINISH TIH TO 3,298'.
	21:00 22:00	1.00	CASSURF	32		P	3,360.0	DRILL CEMENT, SHOE TRACK & 10' FORMATION.
	22:00 22:30	0.50	DRLINT1	15		P	3,370.0	C & C MUD. PERFORM F.I.T. EMW - 15.3 PPG. 3,359' TVD. 938 SPP. 9.9 PPG OMW.
22:30 6:00	7.50	DRLINT1	07		P	3,370.0	DRILL 3,370' - 4,008'.	
2/22/2013	6:00 6:30	0.50	DRLINT1	45		N	4,008.0	REPAIRED LEAK IN FLOW LINE.
	6:30 11:00	4.50	DRLINT1	07		P	4,008.0	DRILL 4,008' - 4,495'.
	11:00 11:30	0.50	DRLINT1	12		P	4,495.0	SERVICE RIG & TDU.
	11:30 15:00	3.50	DRLINT1	07		P	4,495.0	DRILL 4,495' - 4,776'.
	15:00 15:30	0.50	DRLINT1	15		N	4,776.0	C & C MUD. BUILD SLUG.
	15:30 20:00	4.50	DRLINT1	13		N	4,776.0	TOH TO SURFACE.
	20:00 22:00	2.00	DRLINT1	14		N	4,776.0	CHANGE OUT BIT & DIRECT MUD MOTOR.
	22:00 2:00	4.00	DRLINT1	13		N	4,776.0	TIH.
2/23/2013	2:00 6:00	4.00	DRLINT1	07		P	4,776.0	DRILL 4,776 - 5,024'.
	6:00 14:30	8.50	DRLINT1	07		P	5,024.0	DRILL 5,024' - 6,077'.
	14:30 15:00	0.50	DRLINT1	41		P	6,077.0	BOPE DRILL.
	15:00 15:30	0.50	DRLINT1	12		P	6,077.0	RIG SERVICE.
	15:30 20:00	4.50	DRLINT1	07		P	6,077.0	DRILL 6,077' - 6,518'.
	20:00 20:30	0.50	DRLINT1	15		N	6,518.0	CIRC. CHANGE OUT SWAP ON #2 PUMP.
2/24/2013	20:30 6:00	9.50	DRLINT1	07		P	6,518.0	DRILL 6,518' - 7,136'.
	6:00 15:00	9.00	DRLINT1	07		P	7,136.0	DRILL 7,136' - 7,661'.
	15:00 15:30	0.50	DRLINT1	12		P	7,661.0	SERVICE RIG & TDU.
	15:30 20:30	5.00	DRLINT1	07		P	7,661.0	DRILL 7,661' - 8,044'.
	20:30 21:30	1.00	DRLINT1	15		N	8,044.0	CIRC. CHANGE OUT SWAB ON #2 PUMP.
	21:30 1:00	3.50	DRLINT1	07		P	8,044.0	DRILL 8,044' - 8,312'.
	1:00 2:30	1.50	DRLINT1	15		N	8,312.0	CIRC. CHANGE OUT SWAB & LINER ON #2 PUMP.
	2:30 3:00	0.50	DRLINT1	42		P	8,312.0	DOWN LINK RYAN ENERGY'S EMWD.
	3:00 6:00	3.00	DRLINT1	07		P	8,312.0	DRILL 8,312' - 8,332'.
2/25/2013	6:00 17:00	11.00	DRLINT1	07		P	8,332.0	DRILL 8,332' - 8,779'.
	17:00 17:30	0.50	DRLINT1	12		P	8,779.0	RIG SERVICE.
	17:30 3:30	10.00	DRLINT1	07		P	8,779.0	DRILL 8,779' - 9,100'.
	3:30 4:30	1.00	DRLINT1	15		P	9,100.0	CIRC B.U.
	4:30 6:00	1.50	DRLINT1	13		P	9,100.0	FC. WIPER TRIP TO SHOE.

2/26/2013

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	6:00 11:00	5.00	EVLINT1	13		P	9,100.0	WIPER TRIP. HAD LIGHT SWABBING 9,100' / 7,851' - BACK REAMED INTERMITTEN TIGHT HOLE 25 K / 50 K F. 7,820' / 5,335' - FLOW CHECKED AT 9,100' AND 6,195', NO FLOW!.
	11:00 12:00	1.00	EVLINT1	15		P	9,100.0	HOLE PACKED OFF AT 5,535' - CIRCUALTED BOTTOMS UP - HAD FARE AMOUNT OF 1/8" / 1/2" SIZE FORMATION BACK TO SURFACE.
	12:00 14:30	2.50	EVLINT1	13		P	9,100.0	CONTINUED TO BACK REAM INTERMITTEN TIGHT HOLE 25 K / 50 K F. 5,335' / BACK UP INTO 9 5/8" CSG SHOE AT 3,360' - FLOW CHECKED AT CSG SHOE, NO FLOW!.
	14:30 15:00	0.50	EVLINT1	12		P	9,100.0	RIG SERVICE.
	15:00 16:00	1.00	EVLINT1	17		P	9,100.0	SLIP AND CUT DRILLING LINE.
	16:00 20:30	4.50	EVLINT1	13		P	9,100.0	TIH. WASH & REAM LAST 3 STANDS.
	20:30 22:30	2.00	EVLINT1	15		P	9,100.0	C & CMUD. CIRC SWEEP AROUND.
2/27/2013	22:30 6:00	7.50	EVLINT1	13		P	9,100.0	TOH L/D 4 1/2" DRL PIPE.
	6:00 9:00	3.00	DRLINT1	14		P	9,100.0	TOOH L/D DRILL PIPE.
	9:00 11:00	2.00	DRLINT1	14		P	9,100.0	L/D BHA AND DIRECTIONAL TOOLS - PULL WEAR BUSHING.
	11:00 17:30	6.50	EVLINT1	22		P	9,100.0	HPJSM HOWCO - R/U, RAN TRIPLE COMBO.
2/28/2013	17:30 6:00	12.50	CASINT1	24		P	9,100.0	HPJSM. R/U FRANKS WESTATES & TORQUE TURN TOOLS. M/U SHOE TRACK, PUMPED THRU SAME. RUNNING 7' HCP-110 CASING. TOTAL 143 JTS IN HOLE (6,444').
	2/28/2013 6:00 13:30	7.50	CASINT1	24		P	9,100.0	RAN 202 JTS OF 7" 29# HCP-110 LTC CSG TO 9,100'. BREAK CIRC EVERY 1,000'. TOTAL OF 100 BBLS MUD LOST RUNNING CSG. MU LANDING HANGER & RD FRANKS CSG EQUIP. MARKER JT @ 6,984'. C&C MUD. MAX GAS 348 UNITS. LOST 150 BBLS MUD.
	13:30 18:00	4.50	CASINT1	25		P	9,100.0	PJSM. RU HES CMT HEAD. TESTED LINES TO 5M PSI. PUMPED 100 BBLS FW, 380 SX (156.3 BBL) 12 PPG 2.31 YLD PREMIUM CMT & 95 SX (32.3BBL) 12.5 PPG 1.91 YLD PREM CMT. DROPPED SINGLE PLUG. DISPLACED W/ 10 BBL FW, 325 BBL 10.3 PPG MUD @ 6 - 7 BPM. BUMP PLUG WITH 1,482 PSI. PLUG DOWN @ 16:18 HRS. BLEED BACK 2 BBL, FLOATS HELD. 10 BBLS LOST DURING CMT OPS. EST TOC 2,889'. FC, WELL STATIC. RIG DOWN HES CEMENTERS.
	18:00 20:00	2.00	CASINT1	27		P	9,100.0	BACK OUT LANDING JOINT. LD CASING BAILS & ELEVATORS. RU 3 1/2" HANDLING TOOLS. ATTEMPT TO INSTALL PACKOFF.
	20:00 0:00	4.00	CASINT1	71		N	9,100.0	ND BOPE & REMOVE TONG DIE FROM TOP OF HANGER, NU BOPE.
	0:00 1:00	1.00	CASINT1	27		P	9,100.0	INSTALL AND TEST 7" PACKOFF TO 5,000 PSI.
3/1/2013	1:00 6:00	5.00	CASINT1	19		P	9,100.0	PJSM. RU & TEST BOPE TO 250 LOW 10,000 HIGH.
	3/1/2013 6:00 6:30	0.50	DRLPRD	31		P	9,100.0	PRESSURE TEST 7" CASING TO 2,500 PSI.
	6:30 7:00	0.50	DRLPRD	12		P	9,100.0	SERVICE RIG & TDU.
	7:00 16:00	9.00	DRLPRD	14		P	9,100.0	MAKE UP BHA AND RIH TO 9,024'.
	16:00 18:00	2.00	DRLPRD	07		P	9,100.0	WASH DOWN FROM 9,024' TO TOC AT 9,027'. DRILL OUT CEMENT AND FLOAT EQUIP. DRILL 10' NEW HOLE FROM 9,100' TO 9,110'. CIRC FOR FIT.
	18:00 18:30	0.50	DRLPRD	33		P	9,110.0	FIT TO 15.1 EMW. BLOW OUT LINES TO MANIFOLD HOUSE.
	18:30 22:30	4.00	DRLPRD	07		P	9,110.0	DRILL FROM 9,110' TO 9,273'.
	22:30 23:00	0.50	DRLPRD	43		N	9,273.0	REPLACE HYDRAULIC HOSE ON TOP DRIVE.
	23:00 5:00	6.00	DRLPRD	07		P	9,273.0	DRILL FROM 9,273' TO 9,630'.
3/2/2013	5:00 6:00	1.00	DRLPRD	11		P	9,630.0	WIRELINE SURVEY
	3/2/2013 6:00 6:30	0.50	DRLPRD	11		P	9,630.0	SURVEY.
	6:30 10:30	4.00	DRLPRD	07		P	9,630.0	DRILL 9,630' - 9,849'.
	10:30 11:00	0.50	DRLPRD	12		P	9,849.0	RIG SERVICE.
	11:00 6:00	19.00	DRLPRD	07		P	9,849.0	DRILL 9,849' TO 10,713.
3/3/2013	6:00 16:00	10.00	DRLPRD	07		P	10,713.0	DRILL 10,713' - 11,093'.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	16:00 16:30	0.50	DRLPRD	12		P	11,093.0	RIG SERVICE.
	16:30 20:30	4.00	DRLPRD	07		P	11,093.0	DRILL 11,093' - 11,239'.
	20:30 21:00	0.50	DRLPRD	47		N	11,239.0	FUEL FILTERS ON #2 ENGINE PLUGGED UP. RESTART ENGINE.
	21:00 0:00	3.00	DRLPRD	07		P	11,239.0	DRILL 11,239' - 11,317'.
	0:00 0:30	0.50	DRLSURF	47		N	11,317.0	MAIN FUEL FILTERS PLUGGED CAUSING A BLACK OUT. RESTART ENGINES.
	0:30 3:30	3.00	DRLPRD	07		P	11,400.0	DRILL 11,317' - 11,400'.
	3:30 5:00	1.50	DRLPRD	15		P	11,400.0	CCM FOR SHORT TRIP.
	5:00 6:00	1.00	DRLPRD	13		P	11,400.0	WIPER TRIP.
3/4/2013	6:00 8:30	2.50	EVLPRD	13		P	11,400.0	WIPER TRIP.
	8:30 11:00	2.50	EVLPRD	15		P	11,400.0	C & C MUD.
	11:00 14:00	3.00	EVLPRD	13		P	11,400.0	POOH TO 4,896'.
	14:00 16:00	2.00	EVLPRD	46		N	11,400.0	INSPECT BLOCK & CROWN DUE TO STRIKING CROWN WITH BLOCK.
	16:00 20:00	4.00	EVLPRD	13		P	11,400.0	POOH.
	20:00 1:30	5.50	EVLPRD	22		P	0.0	PJSM, R/UP HES WIRELINE, RUN OPEN HOLE LOGGS. R/D.
	1:30 6:00	4.50	CASPRD1	24		P	0.0	PJSM. R/UP FRANKS & RUN 5" 18# HCP110 STL CSNG. 11 jts
3/5/2013	6:00 10:00	4.00	CASPRD1	24		P	11,400.0	FINISH RUNNING 5" LINER. TOTAL 53 JTS & HANGER (2,524'). RD CASING CREW. CIRCULATE CASING CAPACITY.
	10:00 18:00	8.00	CASPRD1	13		P	11,400.0	TIH WITH 3-1/2" DP TO 9,010'. FILL EVERY 10 STANDS.
	18:00 18:30	0.50	CASPRD1	12		P	11,400.0	SERVICE RIG.
	18:30 20:00	1.50	CASPRD1	15		P	11,400.0	CBU @ 9,010'.
	20:00 22:00	2.00	CASPRD1	13		P	11,400.0	TIH TO 11,400'. FILL EVERY 10 STANDS.
	22:00 0:00	2.00	CASPRD1	25		P	11,400.0	RIG UP HES CMT HEAD & LINES.
	0:00 2:00	2.00	CASPRD1	15		P	11,400.0	CBU @ 2.5 BBL/MIN NO LOSSES. MAX GAS 3,853 UNITS.
	2:00 4:00	2.00	CASPRD1	25		P	11,400.0	RIG UP HALLIBURTON. TESTED LINES TO 9M. PUMPED 5 BBLS FW, 20 BBLS 13 PPG TUNED SPACER & 150 SKS (39.3 BBLS) 14.2 PPG 1.47 YIELD HALCEM PREMIUM CEMENT. WASHED LINES. DROPPED WIPER DART. PUMPED 63.9 BBL @ 3 BPM (50 H2O 23.9 MUD) SHEARED WIPER PLUG . DISPLACED CEMENT OUT OF LINER W/ 43.2 BBLS. BUMPED PLUG TO 4,058 PSI @ 03:55 HRS. FLOATS HELD. BLED BACK 1.25 BBL. LOST 9 BBL DURING CMT OPS. EST TOC 8,937'.
	4:00 4:30	0.50	CASPRD1	24		P	11,400.0	DROPPED BALL. RUPTURED DISC @ 5,300 PSI. PUMPED DN @ 4 BPM/ 1,360 PSI. PRESSURED TO 6,288 PSI. EXPANDED & SET PACKER. PULLED 80K OVER STRING WEIGHT. SET DN 50K. RELEASED SETTING TOOL FROM LINER HANGER. LANDED FS @ 11,400', LC @ 11,310'. LINER TOP @ 8,877'. MARKER JT @ 10,358', 9,361'.
	4:30 6:00	1.50	CASPRD1	15		P	11,400.0	PICK UP 10' & CIRC. 1.5 X ANNULAR VOLUME @ 5 BPM.
3/6/2013	6:00 9:30	3.50	CASPRD1	15		P	11,400.0	FINISH CIRCULATING 1.5 X ANNULAR VOLUME. RECOVERED 5 BBLS SPACER. POSITIVE TEST 7" CASING & LINER TOP TO 1,000 PSI FOR 10 MINUTES. NO LEAK OFF. DISPLACE HOLE CLEAN WITH 400 BBLS 2% KCL WATER. MONITOR FOR FLOW FOR 10 MINUTES. WELL STATIC. RD HALLIBURTON.
	9:30 18:00	8.50	CASPRD1	14		P	11,400.0	LD 3 1/2" DP. AND HES LINER SETTING TOOL.
	18:00 19:00	1.00	CASPRD1	13		P	11,400.0	TIH WITH 4 3/4" DC & 18 STD 3 1/2" DP.
	19:00 22:00	3.00	CASPRD1	14		P	11,400.0	LD REMAINDER OF 3.5" DP AND 4.75" DC'S.
	22:00 0:00	2.00	CASPRD1	29				BREAK FLOW LINE. REMOVE BOP LINES, SPLASH PAN AND TURNBUCKLES.
	0:00 4:00	4.00	CASPRD1	29		P	11,400.0	NIPPLE DOWN BOPE.
	4:00 6:00	2.00	CASPRD1	27		P	11,400.0	INSTALLED 7 1/16" 10M TBG HEAD.
3/7/2013	6:00 10:00	4.00	CASPRD1	27		P	11,400.0	INSTALLED 7 1/16" 10M TBG HEAD. TESTED VOID TO 5M PSI. NU FRAC VALVE. RIG RELEASED @ 9:00 AM 3/6/2013.
	10:00 6:00	20.00	RDMO	02		P	11,400.0	RIGGING DOWN.

1 General**1.1 Customer Information**

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	WILSON 1-18C4		
Project	ALTAMONT FIELD	Site	WILSON 1-18C4
Rig Name/No.		Event	COMPLETION LAND
Start Date	3/13/2013	End Date	
Spud Date/Time	2/15/2013	UWI	WILSON 1-18C4
Active Datum	KB @5,932.8ft (above Mean Sea Level)		
Afe No./Description	158691/47816 / WILSON 1-18C4		

2 Summary**2.1 Operation Summary**

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
3/13/2013	7:00 8:00	1.00	WBP	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON RIGGING UP LOGGING TRUCK. FILL OUT & REVIEW JSA
	8:00 15:00	7.00	WBP	18		P		RU LOGGING TRUCK. RIH W/ 3.5"OD GUAGE RING. TAG TD @ 11279', CORROLATING TO LINER TOP @ 8873'. CALL IN DEPTHS & WAIT ON ORDERS. RECIEVED ORDERS TO RUN BOND LOG. RIH W/ CBL/ GR/ CCL LOGGING TOOL. CORROLATE TO OPEN HOLE LOG & RUN CBL FROM 11249' (COROLATED PBTD DEPTH) TO 3000' UNDER 1000 PSI. RD WIRELINE TRUCK
3/15/2013	9:00 10:00	1.00	WBP	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON PRESSURE TESTING. FILL OUT & REVIEW JSA
	10:00 15:00	5.00	WBP	16		P		ND FRAC VALVE. NU BOP. PRESSURE TEST BLIND RAMS & PIPE RAMS. PRESSURE TEST CSG TO 8000 PSI. SDFN
3/16/2013	7:00 8:00	1.00	STG01	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON WIRELINE SAFETY. FILL OUT & REVIEW JSA
	8:00 13:00	5.00	STG01	21		P		PRESSURE TEST LUBRICATOR TO 1000 PSI. PERFORATE STAGE 1 PERFORATIONS 10962" TO 11243', USING 2-3/4" HSC GUNS, 15 GRAM CHARGES,3 JSPF, 120 DEGREE PHASING. LOST 100 PSI DURING PERFORATION OPERATIONS. RIH W/ 4" GUAGE RING TO 11000'. RD WIRELINE TRUCK.SDFN
3/17/2013	8:00 9:00	1.00	STG01	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON RU STINGER. FILL OUT & REVIEW JSA
	9:00 11:00	2.00	STG01	16		P		RU STINGER CSG ISOLATION TOOL. SDFN
3/18/2013	8:00 10:00	2.00	STG01	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON RIGGING UP FRAC EQUIPMENT. FILL OUT & REVIEW JSA
	10:00 14:00	4.00	STG01	18		P		MIRU FRAC EQUIPMENT. SDFN
3/19/2013	6:00 8:00	2.00	STG01	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON FRAC SAFETY. FILL OUT & REVIEW JSA

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	8:00 10:00	2.00	STG01	35		P		PRESSURE TEST LINES TO 8556 PSI. BREAK DOWN STAGE 1 PERFS @ 6183 PSI, 10 BPM . TREATED PERFS W/ 5000 GALS 15% HCL ACID. I.S.I.P 4023 PSI. PUMPED 3000 LBS 100 MESH SAND IN 1/2 PPG STAGE AND 13549 LBS POWER PROP SAND IN 1PPG, 1.5 PPG, 2PPG, 3PPG & 3.5 PPG STAGES. AVG RATE 73.5 BPM, MAX RATE 76.4 BPM. AVG PRESS 6165 PSI, MAX PRESS 6768 PSI. I.S.I.P. 4350 PSI F.G. .82. 5 MIN 4269 PSI. 10 MIN 4247 PSI, 15 MIN 4240 PSI. SHUT WELL IN. SCREWS RAN HEAVY ON SAND. DID NOT GET 4 PPG PUMPED BFOR RUNNING OUT OF SAND FOR STAGE 1. PUMPED CORRECT AMOUNT OF SAND FOR STAGE 1 ACCORDING TO WEIGHT TICKET. 2806 BBLS FLUID TO RECOVER TURNED WELL OVER TO WIRELINE.
	10:00 12:00	2.00	STG02	21		P		RIH & SET CBP @ 10950'. PERFORATE STAGE 2 PERFORATIONS 10658' TO 10931', USING 2-3/4" HSC GUNS, 15 GRAM CHARGES, 3 JSPF, 120 DEGREE PHASING
	12:00 13:30	1.50	STG02	35		P		PRESSURE TEST LINES TO 8973 PSI. SICP 4204 PSI. BREAK DOWN STAGE 2 PERFS @ 5683 PSI, 11 BPM . TREATED PERFS W/ 5000 GALS 15% HCL ACID.. PUMPED 3000 LBS 100 MESH SAND IN 1/2 PPG STAGE AND 148000 LBS POWER PROP SAND IN 1PPG, 1.5 PPG, 2PPG, 3PPG, 3.5 PPG & 4PPG STAGES. AVG RATE 74.8 BPM, MAX RATE 79.1 BPM. AVG PRESS 5550 PSI, MAX PRESS 7137 PSI. I.S.I.P. 4532 PSI F.G. .85. 5 MIN 4390 PSI. 10 MIN 4365 PSI, 15 MIN 4130 PSI. SHUT WELL IN. 2936 BBLS TO RECOVER TURNED WELL OVER TO WIRELINE.
	13:30 15:00	1.50	STG03	21		P		RIH & SET CBP @ 10645'. PERFORATE STAGE 3 PERFORATIONS 10404' TO 10628', USING 2-3/4" HSC GUNS, 15 GRAM CHARGES, 3 JSPF, 120 DEGREE PHASING
	15:00 16:30	1.50	STG03	35		P		PRESSURE TEST LINES TO 8894 PSI. SICP 4327 PSI. BREAK DOWN STAGE 3 PERFS @ 5060 PSI, 10.2 BPM . TREATED PERFS W/ 5000 GALS 15% HCL ACID. PUMPED 3000 LBS 100 MESH SAND IN 1/2 PPG STAGE AND 127000 LBS POWER PROP SAND IN 1PPG, 1.5 PPG, 2PPG, 3PPG, 3.5 PPG & 4PPG STAGES. AVG RATE 74.7 BPM, MAX RATE 77.8 BPM. AVG PRESS 5636 PSI, MAX PRESS 6800 PSI. I.S.I.P. 4720 PSI F.G. .88. 5 MIN 4512 PSI. 10 MIN ___ PSI, 15 MIN ___ PSI. SHUT WELL IN. 2826 BBLS TO RECOVER TURNED WELL OVER TO WIRELINE.
	16:30 18:00	1.50	STG04	35		P		RIH & SET CBP @ 10394'. PERFORATE STAGE 4 PERFORATIONS 10172' TO 10384, USING 2-3/4" HSC GUNS, 15 GRAM CHARGES, 3 JSPF, 120 DEGREE PHASING
	18:00 19:30	1.50	STG04	35		P		PRESSURE TEST LINES TO 8706 PSI. SICP 4238 PSI. BREAK DOWN STAGE 4 PERFS @ 5060 PSI, 10 BPM . TREATED PERFS W/ 5000 GALS 15% HCL ACID. PUMPED 3000 LBS 100 MESH SAND IN 1/2 PPG STAGE AND 116120 LBS POWER PROP SAND IN 1PPG, 1.5 PPG, 2PPG, 3PPG, 3.5 PPG & 4PPG STAGES. AVG RATE 75.1 BPM, MAX RATE 90.2 BPM. AVG PRESS 5538 PSI, MAX PRESS 6818 PSI. I.S.I.P. 4512 PSI F.G. .88. 5 MIN 4222 PSI. SHUT WELL IN. 2569 BBLS TO RECOVER TURNED WELL OVER TO WIRELINE.
	19:30 19:30	0.00						RIH & SET CBP @ 10160'. PERFORATE STAGE 5 PERFORATIONS 9871' TO 10145', USING 2-3/4" HSC GUNS, 15 GRAM CHARGES, 3 JSPF, 120 DEGREE PHASING SDFN
3/20/2013	6:00 8:00	2.00	STG05	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON FRAC SAFETY. FILL OUT & REVIEW JSA

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	8:00 9:30	1.50	STG05	35		P		PRESSURE TEST LINES TO 8885' PSI. SICP 3442' PSI. BREAK DOWN STAGE 5 PERFS @ 4551 PSI, 9 BPM . TREATED PERFS W/ 5000 GALS 15% HCL ACID.AVG RATE 75.4 BPM, MAX RATE 75.4 BPM, AVG PRESS 5027 PSI . MAX PRESS 6134 PSI. I.S.I.P 4028 PSI F.G.84. 5 MINUTE 3884 PSI, 10 MINUTE 3753 PSI, 15 MINUTE 3689 PSI . PUMPED 3000 LBS 100 MESH SAND IN 1/2 PPG STAGE AND 120000 LBS POWER PROP SAND IN 1PPG, 1.5 PPG, 2PPG, 3PPG, 3.5 PPG & 4PPG STAGES. AVG RATE 75.2 BPM, MAX RATE 91.4 BPM. AVG PRESS 5589 PSI, MAX PRESS 6846 PSI. I.S.I.P. 4680 PSI F.G. .89. 5 MIN 4433. SHUT WELL IN. 2629 BBLS TO RECOVER TURNED WELL OVER TO WIRELINE.
	9:30 11:00	1.50	STG06	21		P		EQUALIZE LUBRICATOR . RIH & SET CBP @ 10160'. PERFORATE STAGE 6 PERFORATIONS 9642' TO 9862', USING 2-3/4" HSC GUNS, 15 GRAM CHARGES,3 JSPF, 120 DEGREE PHASING.
	11:00 12:00	1.00	STG06	35		P		PRESSURE TEST LINES TO 8456' PSI. SICP 3521' PSI. BREAK DOWN STAGE 6 PERFS @ 4551 PSI, 10 BPM . TREATED PERFS W/ 5000 GALS 15% HCL ACID.AVG RATE 36 BPM, MAX RATE 75 BPM, AVG PRESS 5177 PSI . MAX PRESS 6882 PSI. 5 MINUTE 3884 PSI, 10 MINUTE 3753 PSI, 15 MINUTE 3689 PSI . PUMPED 3000 LBS 100 MESH SAND IN 1/2 PPG STAGE AND 121800 LBS TEMPERED LC 20/40 SAND IN 1PPG, 1.5 PPG, 2PPG, 3PPG, 3.5 PPG & 4PPG STAGES. AVG RATE 75.4 BPM, MAX RATE 81.4 BPM. AVG PRESS 5027 PSI, MAX PRESS 81.4 PSI. I.S.I.P. 4028 PSI F.G. .84. 5 MIN 3884, 10 MINUTE 3753PSI. 15 MINUTE 3689. SHUT WELL IN. 2605 BBLS TO RECOVER TURNED WELL OVER TO WIRELINE.
	12:00 13:45	1.75	STG07	21		P		EQUALIZE LUBRICATOR . RIH & SET CBP @ 9625'. PERFORATE STAGE 7 PERFORATIONS 9435' TO 9609', USING 2-3/4" HSC GUNS, 15 GRAM CHARGES,3 JSPF, 120 DEGREE PHASING.
	13:45 15:00	1.25	STG07	35		P		PRESSURE TEST LINES TO 8684' PSI. SICP 3404' PSI. BREAK DOWN STAGE 7 PERFS @ 3856 PSI, 10 BPM . TREATED PERFS W/ 5000 GALS 15% HCL ACID.AVG RATE 34 BPM, MAX RATE 82 BPM, AVG PRESS 4470 PSI . MAX PRESS 5387 PSI. 5 MINUTE 3910 PSI, 10 MINUTE 3789 PSI, 15 MINUTE 37149 PSI . PUMPED 3000 LBS 100 MESH SAND IN 1/2 PPG STAGE AND 143000 LBS TEMPERED LC 20/40 SAND IN 1PPG, 1.5 PPG, 2PPG, 3PPG, 3.5 PPG & 4PPG STAGES. AVG RATE 75.4 BPM, MAX RATE 77.5 BPM. AVG PRESS 4845 PSI, MAX PRESS 5770 PSI. I.S.I.P. 4261 PSI F.G. .88. 5 MIN 3910, 10 MINUTE 3789 PSI. 15 MINUTE 3714. SHUT WELL IN. 2398 BBLS TO RECOVER TURNED WELL OVER TO WIRELINE.
	15:00 16:00	1.00	STG08	21		P		EQUALIZE LUBRICATOR . RIH & SET CBP @ 9430'. PERFORATE STAGE 8 PERFORATIONS 9132' TO 9413', USING 2-3/4" HSC GUNS, 15 GRAM CHARGES,3 JSPF, 120 DEGREE PHASING.
	16:00 17:30	1.50	STG08	35		P		PRESSURE TEST LINES TO 8520' PSI. SICP 3335' PSI. BREAK DOWN STAGE 8 PERFS @ 4268 PSI, 11 BPM . TREATED PERFS W/ 5000 GALS 15% HCL ACID.AVG RATE 35 BPM, MAX RATE 76 BPM, AVG PRESS 4697 PSI . MAX PRESS 5974 PSI. 5 MINUTE 3566 PSI, 10 MINUTE 3506 PSI, 15 MINUTE 3449 PSI . PUMPED 3000 LBS 100 MESH SAND IN 1/2 PPG STAGE AND 138428 LBS TEMPERED LC 20/40 SAND IN 1PPG, 1.5 PPG, 2PPG, 3PPG, 3.5 PPG & 4PPG STAGES. AVG RATE 75 BPM, MAX RATE 78 BPM. AVG PRESS 4509 PSI, MAX PRESS 5416 PSI. I.S.I.P. 3807 PSI F.G. .84. 5 MIN 3566, 10 MINUTE 3506 PSI. 15 MINUTE 3449. SHUT WELL IN. 2843 BBLS TO RECOVER
	17:30 20:30	3.00	RDMO	02		P		RD FRAC EQUIPMENT & STINGER WELLHEAD ISOLATION TOOL. SDFN

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
3/21/2013	6:00 7:30	1.50	CTU	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON COIL TBG SAFETY. FILL OUT & REVIEW JSA
	7:30 11:00	3.50	CTU	01		P		RU COIL TBG UNIT. INSTALL & PULL TEST MOTOR HEAD ADAPTOR. MU & FUNCTION TEST MOTOR ASSEMBLY.
	11:00 22:00	11.00	CTU	10		P		RIH & DRILL CBP'S @ 9430', 9625', 9880', 10160', 10398', 10645' & 10950'. CLEAN OUT TO 11323' CTM PUMPING 3.5 BPM & RETURNING 4.5 BPM. CIRCULATE 1 HR ON BOTTOM. POOH TO LINER TOP. CIRCULATE 1 HR. POOH. BREAK OUT MOTOR ASSEMBLY.
	22:00 23:00	1.00	CTU	16		P		BLOW COIL DRY. RD COIL TBG UNIT.
	23:00 6:00	7.00	FB	19		P		FLOW WELL TO FLOW BACK TANK. RECOVERED 320 BBLs FLUID FLOWING @ 3500 PSI ON A 12/64" CHOKE
3/22/2013	6:00 7:30	1.50	FB	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON RIGGING UP RIG. FILL OUT & REVIEW JSA
	7:30 14:00	6.50	FB	19		P		CONTINUE TO FLOW WELL WHILE MOVING WORKOVER RIG & EQUIPMENT TO LOCATION. FLOW WELL TO FLOW BACK TANK.
	14:00 6:00	16.00	FB	19		P		FLOW WELL TO PRODUCTION FACILITY. RECOVERED 246 MCF GAS, 198 BBLs OIL & 504 BBLs WTR, FLOWING @ 3350 PSI ON A 12/64" CHOKE
3/23/2013	6:00 6:30	0.50	FB	28		P		HOLD SAFETY MEETING ON TRIP HAZARDS. FILL OUT & REVIEW JSA
	6:30 6:00	23.50	FB	19		P		FLOW WELL TO PRODUCTION FACILITY. RECOVERED 384 MCF GAS, 445 BBLs OIL, 196 BBLs WTR FLOWING @ 3350 psi on a 12/64" choke
3/24/2013	6:00 7:30	1.50	FB	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON RIGGING UP RIG. FILL OUT & REVIEW JSA
	7:30 14:00	6.50	PRDHEQ	27		P		RU WORKOVER RIG. RU WIRELINE TRUCK. RIH W/ 4" OD GUAGE RING TO 9075'. POOH W/ GUAGE RING. RIH & SET PKR @ 9000'. RD WIRELINE TRUCK. BLEED PRESSURE OFF WELL
	14:00 17:30	3.50	PRDHEQ	24		P		RIH W/ ON/OFF TOOL, 6 JTS 2-3/8"EUE TBG, X-OVER & 200 JTS 2-7/8"EUE TBG. SDFN
3/25/2013	6:00 7:30	1.50	PRDHEQ	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON PICKING UP TBG. FILL OUT & REVIEW JSA
	7:30 9:00	1.50	PRDHEQ	24		P		CONTINUE TIH W/ 70 JTS 2-7/8"EUE TBG. TAG PKR & MEASURE SPACE OUT. RELEASE ON/OFF TOOL. LD 2 JTS TBG.
	9:00 12:00	3.00	PRDHEQ	06		P		CIRCULATE PKR FLUID
	12:00 15:00	3.00	PRDHEQ	16		P		ENGAGE PKR. ND BOP. NU & TEST WELLHEAD. PUMP OUT PLUG @ 4100 PSI. TURN WELL TO TREATER. RD RIG & MOVE AWAY FROM WELL HEAD.
	15:00 6:00	15.00	FB	19		P		FLOW WELL TO PRODUCTION FACILITY. RECOVERED 135 MCF GAS, 321 BBLs OIL & 112 BBLs WTR, FLOWING @ 3400 PSI ON A 12/64" CHOKE
3/26/2013	6:00 6:30	0.50	FB	28		P		HOLD SAFETY MEETING ON CHECKING CHOKE. FILL OUT & REVIEW JSA
	6:30 6:00	23.50	FB	19		P		FLOW WELL TO PRODUCTION FACILITY. RECOVERED 582 MCF GAS, 566 BBLs OIL & 377 BBLs WTR, FLOWING @ 3350 PSI ON A 12/64" CHOKE
3/27/2013	6:00 6:30	0.50	FB	28		P		HOLD SAFETY MEETING ON GUAGING TANKS. FILL OUT & REVIEW JSA
	6:30 6:00	23.50	FB	19		P		FLOW WELL TO PRODUCTION FACILITY. RECOVERED 618 MCF GAS, 695 BBLs OIL & 326 BBLs WTR, FLOWING @ 3300 PSI ON A 12/64" CHOKE
3/28/2013	6:00 6:30	0.50	FB	28		P		HOLD SAFETY MEETING ON SLIPS TRIPS & FALLS. FILL OUT & REVIEW JSA

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	6:30 6:00	23.50	FB	19		P		FLOW WELL TO PRODUCTION FACILITY. RECOVERED 639 MCF GAS, 600 BBLS OIL & 298 BBLS WTR FLOWING @ 3275 PSI ON A 12/64" CHOKE
3/29/2013	6:00 6:30	0.50	FB	28		P		HOLD SAFETY MEETING ON GUAGING TANKS. FILL OUT & REVIEW JSA
	6:30 6:00	23.50	FB	19		P		FLOW WELL TO PRODUCTION FACILITY. RECOVERED 615 BBLS OIL, 649 MCF GAS & 265 BBLS WTR FLOWING @ 3250 PSI ON A 12/64" CHOKE
3/30/2013	6:00 6:30	0.50	FB	28		P		HOLD SAFETY MEETING ON CHECKING CHOKE. FILL OUT & REVIEW JSA
	6:30 6:00	23.50	FB	19		P		FLOW WELL TO PRODUCTION FACILITY. RECOVERED 645 MCF GAS, 599BBLS OIL & 228 BBLS WTR, FLOWING @ 3150 PSI ON A 12/64" CHOKE
3/31/2013	6:00 6:30	0.50	FB	28		P		HOLD SAFETY MEETING ON CHANGING TANKS. FILL OUT & REVIEW JSA
	6:30 6:00	23.50	FB	19		P		FLOW WELL TO PRODUCTION FACILITY. RECOVERED 634 MCF GAS, 592 BBLS OIL & 216 BBLS WTR, FLOWING @ 3100 PSI ON A 12/64" CHOKE
4/1/2013	6:00 6:30	0.50	FB	28		P		HOLD SAFETY MEETING ON SLIPS TRIPS & FALLS. FILL OUT & REVIEW JSA
	6:30 6:00	23.50	FB	19		P		FLOW WELL TO PRODUCTION FACILITY. RECOVERED 631 MCF GAS, 587 BBLS OIL & 198 BBLS WTR, FLOWING @ 3050 PSI ON A 12/64" CHOKE
4/2/2013	6:00 6:30	0.50	FB	28		P		HOLD SAFETY MEETING ON LOADING OIL. FILL OUT & REVIEW JSA
	6:30 6:00	23.50						FLOW WELL TO PRODUCTION FACILITY. RECOVERED 626 MCF GAS, 588 BBLS OIL & 173 BBLS WTR, FLOWING @ 2950 PSI ON A 12/64" CHOKE
4/3/2013	6:00 7:30	1.50	WLWORK	28		P		MI W/ LONE WOLF WIRE LINE TGSM & JSA (WIRE LINE OPERATIONS)
	7:30 11:30	4.00	WLWORK	18		P		RU WIRELINE UNIT ATTEMPT TO RIH W/ 4 WT BARS COULD NOT GET INTO WELLBORE (TO MUCH PRESSURE) TOT FLOW BACK CREW.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	8. WELL NAME and NUMBER: Wilson 1-18C4
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1047 FNL 0974 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 18 Township: 03.0S Range: 04.0W Meridian: U	9. API NUMBER: 43013517950000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext
9. FIELD and POOL or WILDCAT: ALTAMONT	COUNTY: DUCHESNE
STATE: UTAH	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/20/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

EP plans to recomplete in Wasatch further up hole and prop frac. See attached for details.

Approved by the
July 03, 2015
Oil, Gas and Mining

Date: _____
 By: DeKQ Quif

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 7/7/2015	

Wilson 1-18C4 Recom Summary Procedure

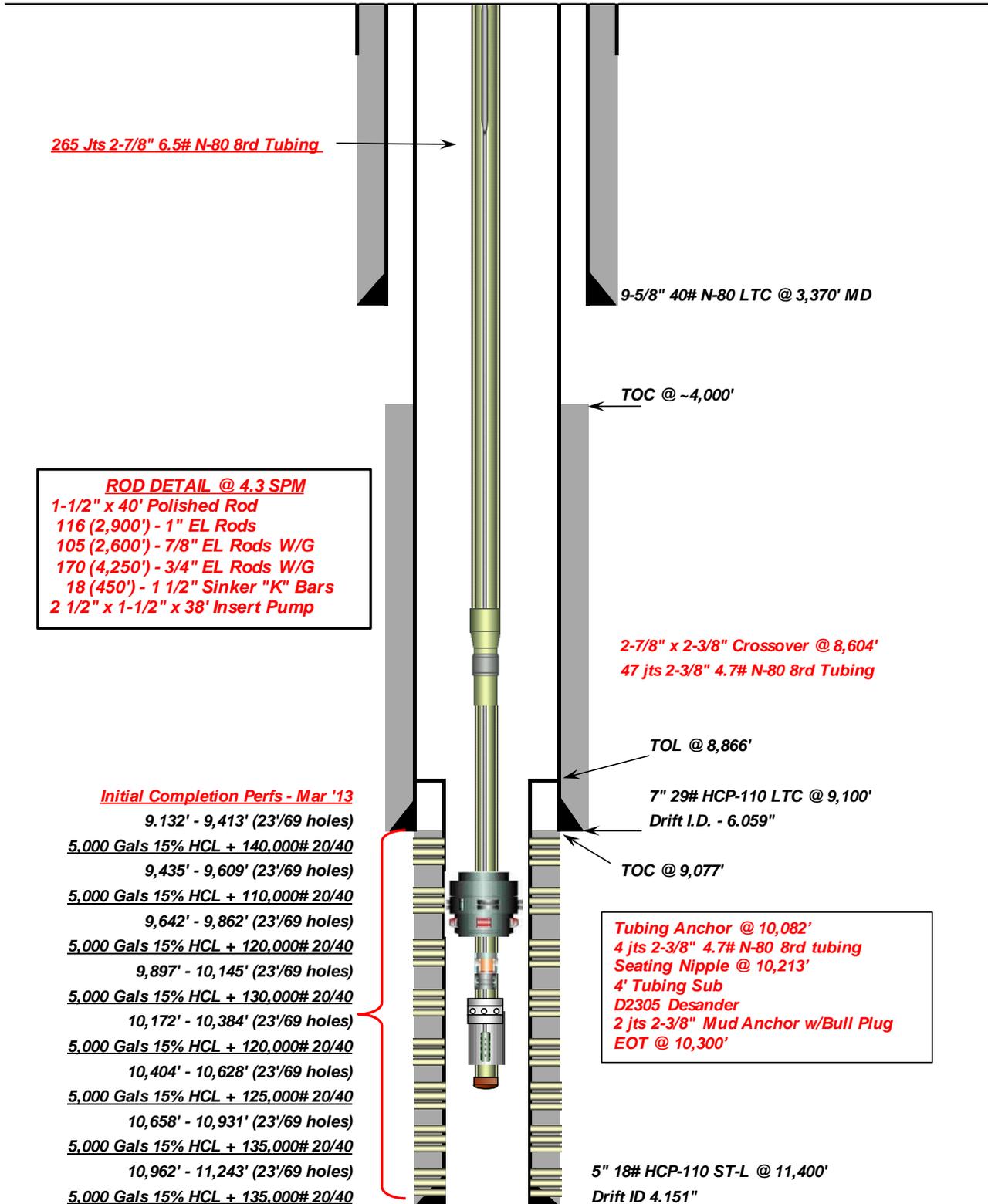
- POOH with rods, pump & tubing. Inspect/Repair/Re-furbish as needed. Replace any bad tubing and joints of rods.
- Circulate & Clean wellbore
- Set 1 CBP for 5" 18# casing @ 9,125' to plug back currently producing zones (Top perf @ 9,132'). Dump bail 10' cement on top of plug @ 9,125'. Set 2nd 5" 18# plug @ 9,110' and dumb bail 10' CMT on top.
- Stage 1:
 - Perforate new CP70 interval from ~**8,900 – 9,082'**
 - Prop Frac perforations with **91,000 Lbs 30/50 prop (w/5,000 lbs 100 Mesh & 5,000 Gal 15% HCl Acid)** (STAGE 1 Recom)
- Stage 2:
 - RIH with 5"CBP & set @ 8,893'.
 - Perforate new LGR interval from ~**8,606 – 8,854'**
 - Prop Frac perforations with **124,000 Lbs 30/50 prop (w/3,000 lbs 100 Mesh & 5,000 Gal 15% HCl Acid)** (STAGE 2 Recom)
- Stage 3:
 - RIH w/ 7" CBP & set @ 8,592'
 - Perforate new LGR interval from ~**8,454 – 8,577'**
 - Prop frac perforations with w/ **61,500 Lbs 30/50 prop (w/3,000 lbs 100 Mesh & 5,000 Gals 15% HCl Acid)** (STAGE 3 Recom)
- Clean out well drilling up 7" CBP & 5" CBP, leaving (2) 5" CBP @ 9,110' & 9,125' (each with 10' CMT on top) above perms @ 9,132'.
- RIH w/ production tubing and rods.
- Clean location and resume production.



Current Pumping Schematic

Company Name: EP Energy
 Well Name: **Wilson 1-18C4**
 Field, County, State: Altamont - Bluebell, Duchesne, Utah
 Surface Location: Lat: 40°13'28.634N Long: 110°22'25.032E
 Producing Zone(s): Wasatch

Last Updated: 7/6/2015
 By: Krug
 TD: 11,400'
 BHL: _____
 Elevation: _____



265 Jts 2-7/8" 6.5# N-80 8rd Tubing

9-5/8" 40# N-80 LTC @ 3,370' MD

TOC @ ~4,000'

ROD DETAIL @ 4.3 SPM
 1-1/2" x 40' Polished Rod
 116 (2,900') - 1" EL Rods
 105 (2,600') - 7/8" EL Rods W/G
 170 (4,250') - 3/4" EL Rods W/G
 18 (450') - 1 1/2" Sinker "K" Bars
 2 1/2" x 1-1/2" x 38' Insert Pump

2-7/8" x 2-3/8" Crossover @ 8,604'
47 jts 2-3/8" 4.7# N-80 8rd Tubing

TOL @ 8,866'

7" 29# HCP-110 LTC @ 9,100'
Drift I.D. - 6.059"

TOC @ 9,077'

Initial Completion Perfs - Mar '13

- 9,132' - 9,413' (23'/69 holes)
5,000 Gals 15% HCL + 140,000# 20/40
- 9,435' - 9,609' (23'/69 holes)
5,000 Gals 15% HCL + 110,000# 20/40
- 9,642' - 9,862' (23'/69 holes)
5,000 Gals 15% HCL + 120,000# 20/40
- 9,897' - 10,145' (23'/69 holes)
5,000 Gals 15% HCL + 130,000# 20/40
- 10,172' - 10,384' (23'/69 holes)
5,000 Gals 15% HCL + 120,000# 20/40
- 10,404' - 10,628' (23'/69 holes)
5,000 Gals 15% HCL + 125,000# 20/40
- 10,658' - 10,931' (23'/69 holes)
5,000 Gals 15% HCL + 135,000# 20/40
- 10,962' - 11,243' (23'/69 holes)
5,000 Gals 15% HCL + 135,000# 20/40

Tubing Anchor @ 10,082'
4 jts 2-3/8" 4.7# N-80 8rd tubing
Seating Nipple @ 10,213'
4' Tubing Sub
D2305 Desander
2 jts 2-3/8" Mud Anchor w/Bull Plug
EOT @ 10,300'

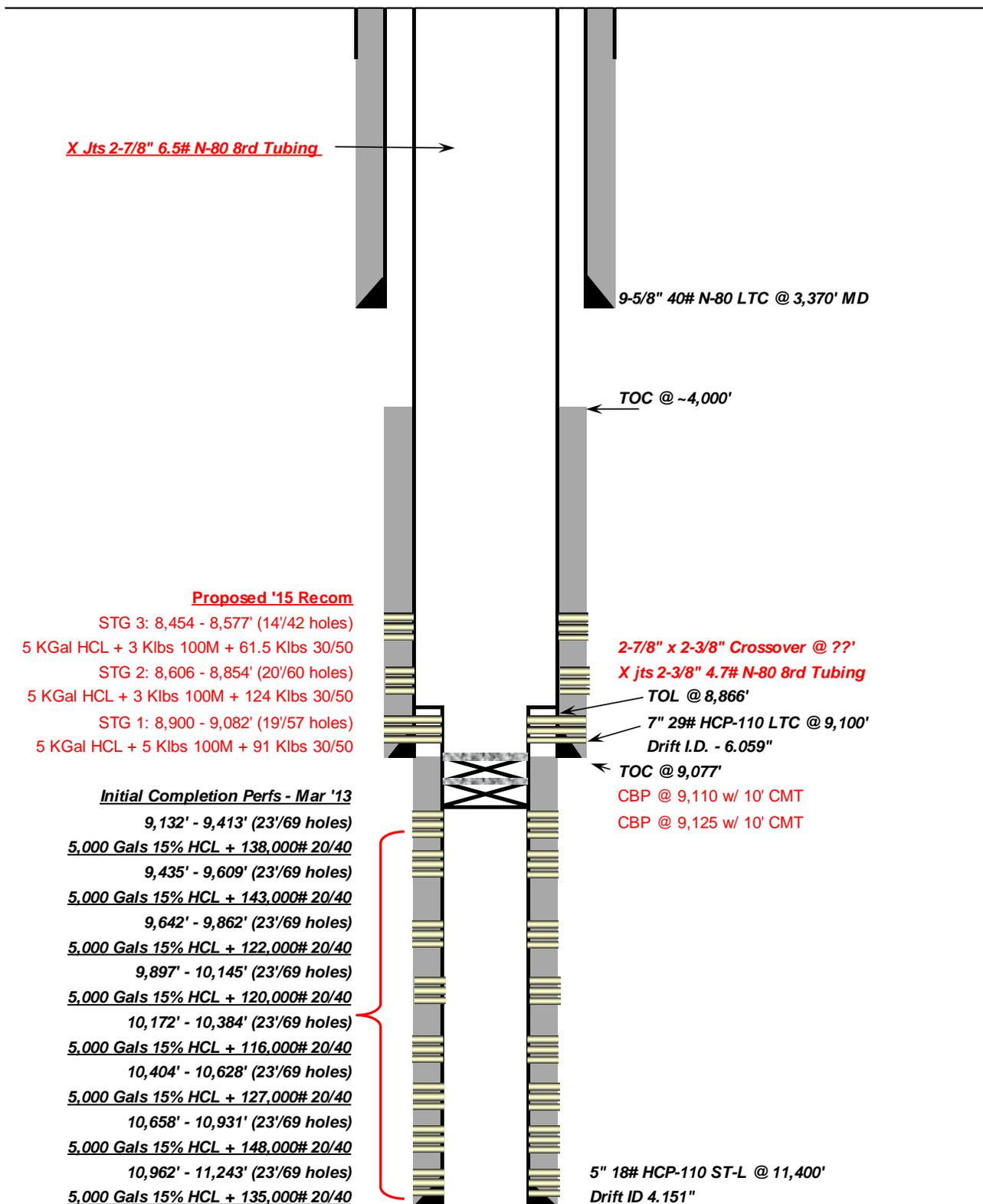
5" 18# HCP-110 ST-L @ 11,400'
Drift ID 4.151"



Proposed Recom Pumping Schematic

Company Name: EP Energy
 Well Name: **Wilson 1-18C4**
 Field, County, State: Altamont - Bluebell, Duchesne, Utah
 Surface Location: Lat: 40°13'28.634N Long: 110°22'25.032E
 Producing Zone(s): Wasatch

Last Updated: 7/6/2015
 By: Krug
 TD: 11,400'
 BHL: _____
 Elevation: _____



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

AMENDED REPORT FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:

9. API NUMBER:

10 FIELD AND POOL, OR WILDCAT

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

12. COUNTY

13. STATE

UTAH

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 _____

2. NAME OF OPERATOR:

3. ADDRESS OF OPERATOR: CITY STATE ZIP PHONE NUMBER:

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE:

AT TOP PRODUCING INTERVAL REPORTED BELOW:

AT TOTAL DEPTH:

14. DATE SPUDDED: 15. DATE T.D. REACHED: 16. DATE COMPLETED: ABANDONED READY TO PRODUCE 17. ELEVATIONS (DF, RKB, RT, GL):

18. TOTAL DEPTH: MD TVD 19. PLUG BACK T.D.: MD TVD 20. IF MULTIPLE COMPLETIONS, HOW MANY? * 21. DEPTH BRIDGE MD PLUG SET: TVD

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

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A)				
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS: CBP @ 9127' with top of sand @ 9092'
 ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT DST REPORT DIRECTIONAL SURVEY
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER: _____

30. WELL STATUS:

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:
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 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.)

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)

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) _____ TITLE _____
 SIGNATURE _____ DATE _____

This report must be submitted within 30 days of

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

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

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

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

CENTRAL DIVISION

ALTAMONT FIELD
WILSON 1-18C4
WILSON 1-18C4
RECOMPLETE LAND

Operation Summary Report

Disclaimer: Although the information contained in this report is based on sound engineering practices, the copyright owner(s) does (do) not accept any responsibility whatsoever, in negligence or otherwise, for any loss or damage arising from the possession or use of the report whether in terms of correctness or otherwise. The application, therefore, by the user of this report or any part thereof, is solely at the user's own risk.

1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	WILSON 1-18C4		
Project	ALTAMONT FIELD	Site	WILSON 1-18C4
Rig Name/No.		Event	RECOMPLETE LAND
Start date	7/16/2015	End date	7/29/2015
Spud Date/Time	2/15/2013	UWI	WILSON 1-18C4
Active datum	KB @5,932.8ft (above Mean Sea Level)		
Afe No./Description	165156/54389 / WILSON 1-18C4		

2 Summary

2.1 Operation Summary

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
7/18/2015	16:00 16:30	0.50	WOR	28		P		ROAD RIG FROM YOUNG 2-7C4 TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIGGING UP
	16:30 19:00	2.50	MIRU	01		P		MIRU PUMP 150 BBLS OF HOT 2% KCL DOWN ANNULUS ATTEMPT TO WORK PUMP OFF SEAT FAILED P/U POLISH ROD OPEN WELL TO SALES SDFN
7/19/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIG OPERATIONS
	7:00 8:00	1.00	WOR	06		P		R/U 2 HOT OIL TRUCKS PUMP 475 BBLS OF HOT 2% KCL WATER DOWN CSG ATTEMPT TO WORK PUMP OFF SEAT FAILED PULL ROD PARTED
	8:00 10:38	2.63	WOR	39		P		TOH w 94-1" RODS L/D 21-1" RODS 104-7/8" RODS 100-3/4" RODS L/D 70-3/4" RODS L/D WT BARS L/D PULL ROD
	10:38 12:49	2.18	WHDTR	16		P		N/D WELL HEAD N/U AND TEST 5K X 7 1/16 BOPE CHART FOR 10 MINS GOOD TEST
	12:49 14:20	1.52	WLWORK	21		P		HSM UPDATE JSA TOPIC; WIRELINE...MIRU WIRELINE TIH PERFORATE TBG AT 10198' TOH R/D WIRELINE
	14:20 15:00	0.67	WOR	06		P		FLUSH TBG w 60 BBLS OF HOT 2% KCL WATER
	15:00 18:30	3.50	WOR	39		P		TOH w 265-JTS OF 2 7/8" TBG L/D 53-JTS OF 2 3/8" L/D BHA NO SCALE MUD JTS FULL OF SAND SECURE WELL CLOSE BOPE AND LOCK 7" CSG VALVE CLOSED w NIGHT CAPS SDFN
7/20/2015	6:00 7:00	1.00	WLWORK	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; WIRELINE OPERATIONS
	7:00 8:35	1.58	WLWORK	27		P		MIRU WIRELINE P/U 4" GAUGE RING TIH TO 9135' TOH L/D SAME P/U 6" GAUGE RING TIH TO 8866' TOH L/D SAME
	8:35 9:26	0.85	WLWORK	27		P		P/U 5" CBP TIH SET AT 9135' TOH L/D SETTING TOOL
	9:26 12:15	2.82	WLWORK	27		P		FILL CSG w 268 BBLS OF 2% KCL WATER
	12:15 13:30	1.25	WLWORK	27		P		P/U TIH w DUMP BAIL DUMP 10' OF CMT TOC 9125' TOH L/D BAILER
	13:30 15:10	1.67	WLWORK	27		P		P/U 5" CBP TIH PRESSURE WELL TO 1500 PSI SET AT 9110' TOH L/D SETTING TOOL
	15:10 17:00	1.83	WLWORK	27		P		P/U TIH w DUMP BAIL DUMP 10' OF CMT TOC 9125' TOH L/D BAILER RDMO WIRELINE SECURE WELL CLOSE BOPE AND LOCK 7" CSG VALVE CLOSED w NIGHT CAPS SDFN
7/21/2015								

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	6:00 7:00	1.00	WHDTRE	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; N/U OPERATIONS
	7:00 9:00	2.00	WHDTRE	16		P		N/D BOPE N/U 7" MASTER VALVE TEST CSG TO 7500 PSI PLUGS FAILED
	9:00 12:08	3.13	WLWORK	16		P		CONTINUE N/U 7" STACK TEST FRAC STACK TO 9500 PSI AND CHART SET SANDCASTLE R/U WATER TRANSFER LINES R/U AND TREAT WATER R/U FLOW BACK LINES MIRU WIRELINE TRUCK
	12:08 13:10	1.03	WLWORK	27		P		P/U TIH w 3.95" GAUGE RING TO 9650' TOH L/D GAUGE RING
	13:10 14:39	1.48	WLWORK	26		P		P/U TIH w 5" 12K CBP SET AT 9127' TOH L/D SETTING TOOL
	14:39 16:30	1.85	WLWORK	06		P		FILL CSG w 160 BBLs OF 2% KCL WATER
	16:30 22:30	6.00	WLWORK	04		P		TIH 4 DUMP BAIL RUNS DUMP 35' OF SAND TOP SAND 9092' L/D DUMP BAILER SECURE WELL CLOSE 7" MASTER VALVE 7" HCRS 7" CSG VALVE CLOSED w NIGHT CAPS SDFN
	22:30 1:00	2.50	SITEPRE	18		P		HEAT WATER HAUL IN SAND
7/22/2015	6:00 7:00	1.00	WLWORK	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; TESTING OPERATIONS
	7:00 8:37	1.62	WLWORK	18		P		PRESSURE TEST 12K PLUG TO 8000 PSI AND CHART GOOD TEST BLEED OFF PRESSURE
	8:37 10:00	1.38	WLWORK	21		P		PERFORATE STG 1 9082' TO 8900' 19 NET FT 57 SHOTS w 2-3/4" TAG-RTG GUN 16GM 3 JSPF 120 PHASING ALL PERFORATIONS CORRELATED TO THE LONE WOLF WIRELINE RADIAL CEMENT BOND GAMMA RAY CCL RUN 1 3/12/13 STARTING PRESSURE 0 PSI END PRESSURE 0 PSI
	10:00 14:36	4.60	MIRU	01		P		MIRU FRAC EQUIPMENT
	14:36 17:30	2.90	STG01	35		P		STAGE 1; PRESSURE TEST LINES TO 9400 PSI. OPEN WELL. SICP WELL VACUUM FILL w 23 BBLs BREAK DOWN STAGE 1 PERFORATIONS 9082' TO 8900' AT 3902 PSI, PUMPING 9 BPM. PUMP 116 BBLs OF TREATED WATER STEP DOWN RATE IN 4 STEPS SHUT DOWN FOR 15 MIN ISDP 4365 FG .92 5MIN 3012 10 MIN 2755 15MIN 2472 TREATED STAGE 1... AS PER PROCEDURE TREAT W/ 5000 GAL 15% HCL ACID FR-76 WATER ACID FLUSH 25# HYBOR G PAD 100 MESH FR-76 WATER SWEEP FR-76 .5# TLC 30/50 1# TLC 30/50 20# HYBOR 2# GOT 8500# OF 2# IN THE PERFS SREENED OUT LEFT 17300# IN WELL BORE TTL PROP IN PERFS 42900#
	17:30 6:00	12.50	STG02	21		P		OPEN WELL 4800 PSI ON 12/64 CHOCK BUMP CHOCK TO A 20/64 FLOWING 2250 PSI TURN OVER TO FLOW BACK SHUT WELL IN 400 PSI 1040 BBLs RECOVERED
7/23/2015	6:00 7:00	1.00	STG02	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; WIRELINE OPERATIONS
	7:00 8:15	1.25	WLWORK	27		P		CSIP 500 PSI P/U 3.95" GAUGE RING TIH TO 8920' TOH L/D SAME
	8:15 9:40	1.42	STG02	21		P		TIH SET 5" CBP PLUG AT 8893' PERFORATE STG 2 8854' TO 8606' 20 NET FT 60 SHOTS w 2-3/4" TAG-RTG GUN 16GM 3 JSPF 120 PHASING ALL PERFORATIONS CORRELATED TO THE LONE WOLF WIRELINE RADIAL CEMENT BOND GAMMA RAY CCL RUN 1 3/12/13 STARTING PRESSURE 750 PSI END PRESSURE 800 PSI

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	9:40 11:44	2.07	STG02	35		P		HSM UPDATE JSA TOPIC; FRAC OPERATIONS STAGE 2; PRESSURE TEST LINES TO 9020 PSI. OPEN WELL. SICP 807 PSI. BREAK DOWN STAGE 2 PERFORATIONS 8854' TO 8606' AT 3523 PSI, PUMPING 10 BPM. PUMP 84 BBLS OF TREATED WATER STEP DOWN RATE IN 4 STEPS SHUT DOWN FOR 15 MIN ISDP 2711 FG .75 5MIN 2412 10 MIN 2316 15MIN 2236 TREATED STAGE 2... AS PER PROCEDURE TREAT W/ 5000 GAL 15% HCL ACID FR-76 WATER ACID FLUSH 25# HYBOR G PAD FR-76 100 MESH FR-76 WATER SWEEP FR-76 .5# TLC 30/50 HYBOR 10# TLC 30/50 20# HYBOR 1.5# TLC 30/50 HYBOR 2# TLC 30/50 20# HYBOR G 3# TLC 30/50 STG FLUSH TO TOP PERF...ISDP 3100 PSI. AVG RATE 68 BPM. AVG PSI 4820 PSI. MAX PSI 5895 PSI. TTL PROP 127300 TURN OVER TO WIRELINE
	11:44 14:00	2.27	STG03	21		P		STAGE 3; SET 7" COMPOSITE FRAC PLUG AT 8592' PRESSURE ON WELL 3000 PSI PERFORATE STAGE 3 PERFORATIONS 8577' TO 8454', 14 NET FEET 42 TTL SHOTS W/ 2-3/4" 3 JSPF, 120 DEG PHASING GUNS END PRESSURE 3000 PSI CORRELATED TO THE LONE WOLF WIRELINE RADIAL CEMENT BOND GAMMA RAY CCL RUN 1 3/12/13 R/D WIRELINE
	14:00 15:35	1.58	STG03	35		P		STAGE 3; PRESSURE TEST LINES TO 9048 PSI. OPEN WELL. SICP 938 PSI. BREAK DOWN STAGE 3 PERFORATIONS 8577' TO 8454 AT2366 PSI, PUMPING 10 BPM. PUMP 107 BBLS OF TREATED WATER STEP DOWN RATE IN 4 STEPS SHUT DOWN FOR 15 MIN ISDP 1951 FG .66 5MIN 1109 10 MIN 991 15MIN 940 TREATED STAGE 3... AS PER PROCEDURE TREAT W/ 5000 GAL 15% HCL ACID FR-76 WATER ACID FLUSH 25# HYBOR G PAD FR-76 100 MESH FR-76 WATER SWEEP FR-76 .5# TLC 30/50 HYBOR TLC 30/50 20# HYBOR 1.5# TLC 30/50 HYBOR PUMPED 14600# OF 1.5# IN WELL STG FLUSH TO TOP PERF...ISDP 3347 PSI. AVG RATE 52 BPM. AVG PSI 5773 PSI. MAX PSI 7963 PSI. TTL PROP 38360 SECURE WELL CLOSE 7" MASTER VALVE CLOSE TOP AND BTM 7" HCR VALVE AND LOCK 7" CSG VALVE CLOSE
	15:35 18:30	2.92	RDMO	02		P		RDMO
	18:30 6:00	11.50	FB	17		P		OPEN WELL 750 PSI ON A 12/64 CHOCK TURN WELL OVER TO FLOW BACK 190 BBLS OF WATER 0 OIL 0 GAS 400 PSI
7/24/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; N/D NU OPERATIONS
	7:00 10:00	3.00	WOR	16		P		OPEN WELL TO FLOW BACK TANK START BLEEDING OFF PRESSURE N/D FRAC STACK TO THE 7" MASTER VALVE N/U 5K BOPE AND TEST TO 4800 PSI GOOD TEST
	10:00 18:30	8.50	WOR	15		P		CSIP 400 PSI PUMP 100 BBLS OF 9.9# BRINE WATER SHUT WELL IN BLOKE AND BLEED PRESSURE DROP TO 200 PSI STILL FLOWING PUMP ADDITION 100 BBLS OF 9.9# BRINE WATER SHUT WELL IN BLOCK AND BLEED WILL STILL FLOWING 200 PSI PUMP ADDITIONAL 100 BBLS OF 9.9# BRINE WATER SHUT WELL IN CLOSE 7" CSG VALVES w NIGHT CAPS BOPE CLOSED AND LOCKED SDFN
7/25/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; C/O OPERATIONS
	7:00 10:00	3.00	WOR	39		P		CSIP 200 PSI BLEED OFF PRESSURE WELL IS DEAD TIH w 263-JTS OF 2-7/8" TBG TAG AT 8554'
	10:00 17:01	7.02	WOR	10		P		R/U POWER SWIVEL ESTABLISH CIRC C/O SAND TO 8592' DRILL 7" CBP AND CHASE PLUG PART TO LINER TOP AT 8866' FINISH DRILL PLUG CIRC CLEAN KILL TBG w 15 BBLS OF 9.9# BRINE WATER

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	17:01 18:30	1.48	WOR	39		P		R/D POWER SWIVEL TOH w 134-JTS EOT 4244' SECURE WELL TIW VALVE w NIGHT CAP CLOSE BOPE AND LOCK CLOSE 7" CSG VALVES w NIGHT CAPS SDFN
7/26/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIG OPERATIONS
	7:00 10:00	3.00	WOR	15		P		TSIP 100 PSI CSIP 160 PSI BLEED OFF TBG BLEED OFF CSG FLOWING PUMP 175 BBLs OF 9.9# BRINE
	10:00 11:55	1.92	WOR	39		P		FINISH TOH w 135-JTS L/D 6" BIT
	11:55 13:30	1.58	WOR	39		P		P/U 4 1/8" BIT P/U 15-JTS OF 2 3/8" TBG TIH w 257-JTS OF 2 7/8" TBG TAG AT 8865'
	13:30 18:00	4.50	WOR	10		P		R/U POWER SWIVEL ESTABLISH CIRC DRILL 7" PLUG REMAINS C/O 5" LINER TO 8893" DRILLING ON 5" CBP PLUGGED OFF BIT TOH TO 4424' SECURE WELL TIW VALVE w NIGHT CAP CLOSE BOPE AND LOCK CLOSE 7" CSG VALVES w NIGHT CAPS SDFN
7/27/2015	6:00 7:00	1.00	WLWORK	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; WIRELINE OPERATIONS
	7:00 8:10	1.17	WLWORK	21		P		CSIP 260 PSI TSIP 0 PSI MIRU WIRELINE TRUCK P/U TBG PUNCHER TIH PERFORATE TBG 4040' TOH R/D WIRELINE
	8:10 9:30	1.33	WOR	15		P		KILL WELL w 150 BBLs OF BRINE WATER
	9:30 10:26	0.93	WOR	39		P		TOH w 121-JTS OF 2 7/8" TBG L/D 15- JTS OF 2 3/8" TBG L/D 4 1/8" BIT 13-JTS OF 2 3/8" TBG FULL OF SAND
	10:26 13:15	2.82	WOR	39		P		P/U 4 1/8" BIT 9-JTS OF 2 3/8" TBG CHANGE HANDLING TOOLS TIH 262-JTS OF 2 7/8" TBG TAG AT 8781' 85' ABOVE LINER TOP AT 8866'
	13:15 19:30	6.25	WOR	10		P		R/U POWER SWIVEL C/O FROM 8781' TO 8814' CIRC CLEAN KILL TBG TOH w 21-JTS EOT 8134' REVERSE CIRC 60 BBLs NO SAND SECURE WELL TIW VALVE w NIGHT CAP CLOSE BOPE AND LOCK CLOSE 7" CSG VALVES w NIGHT CAPS SDFN
7/28/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; C/O OPERATIONS
	7:00 8:58	1.97	WOR	15		P		CSIP 360 PSI TSIP 400 PSI BLEED PRESSURE OFF CSG 0 PSI TBG FLOWING 40 PSI PUMP 30 BBLs OF 9.9# BRINE WATER DOWN TBG
	8:58 18:30	9.53	WOR	39		P		TIH w 20-JTS OF 2 7/8" TBG TAG AT 8814' R/U POWER SWIVEL C/O TO 8893' CONTINUE DRILLING 5" PLUG C/O TO 9096' CIRC WELL CLEAN KILL TBG w 20 BBLs OF 9.7# BRINE WATER
	18:30 20:00	1.50	WOR	39		P		R/D POWER SWIVEL TOH w 22 JTS OF 2 7/8" TBG EOT 8343' SECURE WELL TIW VALVE R/U TO FLOW BACK MANIFOLD CLOSE BOPE AND LOCK CLOSE 7" CSG VALVES w NIGHT CAPS TRUN WELL OVER TO FLOW BACK CREW
7/29/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; KILL WELL OPERATIONS
	7:00 12:00	5.00	WOR	15		P		WELL FLOW TTL OF 739 BBLs OF WATER NO OIL NO GAS CSIP 0 PSI TSIP 290 PSI IN 15 MIN KILL WELL w 300 BBLs OF 9.9# BRINE WATER
	12:00 14:00	2.00	WOR	39		P		TOH w 256-JTS OF 2 7/8" TBG L/D 9-JTS OF 2 7/8" TBG L/D 9-2 3/8" TBG L/D C/O ASSEMBLY
	14:00 16:01	2.02	WOR	39		P		P/U 5 3/4" SOLID NO GO 2-JTS OF 2 7/8" TBG 5 1/2" PBGA 2' X 2 7/8" TBG SUB 4' X 2 7/8" TBG SUB 2 7/8" PSN 4-JTS OF 2 7/8" TBG 7" TAC 250-JTS OF 2 7/8" TBG
	16:01 17:30	1.48	WOR	16		P		SET TAC AT 8180' w 25K IN TENTION N/D BOPE N/U WELL HEAD INSTALL 60' CAP STRING SECURE WELL TIW VALVE w NIGHT CAP OPEN TO SALES SDFN
7/30/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; TRIPPING RODS

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	7:00 10:30	3.50	WOR	39		P		TSIP 100 PSI BLEED OFF PRSSURE TBG FLOWING KILL WELL w 50 BBLS OF BRINE WATER PUMP AND PRIME 2 1/2" X 1 3/4" X 38' PA 60 RING PUMP TIH w 16-KBARS 100-3/4" RODS 104-7/8" RODS P/U 17-3/4" RODS 92-1" RODS SPACE OUT PUMP w 8' 6' 4' 2' x 1" PONY RODS P/U POLISH ROD FILL TBG w 5 BBLS OF 2% KCL WATER TEST AND STROKE TEST PUMP TO 1000 PSI GOOD TEST
	10:30 12:30	2.00	RDMO	02		P		RDMO SLIDE ROTO FLEX CLEAN UP LOCATION TURN WELL OVER TO PRODUCTION

Table of Contents

1	General.....	1
1.1	Customer Information.....	1
1.2	Well Information.....	1
2	Summary.....	1
2.1	Operation Summary.....	1

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	8. WELL NAME and NUMBER: Wilson 1-18C4
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1047 FNL 0974 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 18 Township: 03.0S Range: 04.0W Meridian: U	9. API NUMBER: 43013517950000
5. PHONE NUMBER: 713 997-5038 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/20/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="DO Plugs"/>

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

EP plans to drill out plugs @ 9135' & 9110'.

Approved by the
 November 16, 2015
 Oil, Gas and Mining

Date: _____

By: DeKQ

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 11/9/2015	

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:	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.		8. WELL NAME and NUMBER: Wilson 1-18C4	
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002		9. API NUMBER: 43013517950000	
PHONE NUMBER: 713 997-5038 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1047 FNL 0974 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 18 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		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/29/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="DO Plugs"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
Drilled out plugs @ 9127' & 9779'. Open perms @ 9132'-11243' & 8454'-9082'. See attached for details.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 19, 2016			
NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst	
SIGNATURE N/A	DATE 1/13/2016		

CENTRAL DIVISION

ALTAMONT FIELD
WILSON 1-18C4
WILSON 1-18C4
RECOMPLETE LAND

Operation Summary Report

Disclaimer: Although the information contained in this report is based on sound engineering practices, the copyright owner(s) does (do) not accept any responsibility whatsoever, in negligence or otherwise, for any loss or damage arising from the possession or use of the report whether in terms of correctness or otherwise. The application, therefore, by the user of this report or any part thereof, is solely at the user's own risk.

1 General**1.1 Customer Information**

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	WILSON 1-18C4		
Project	ALTAMONT FIELD	Site	WILSON 1-18C4
Rig Name/No.		Event	RECOMPLETE LAND
Start date	7/16/2015	End date	11/29/2015
Spud Date/Time	2/15/2013	UWI	WILSON 1-18C4
Active datum	KB @5,932.8ft (above Mean Sea Level)		
Afe No./Description	165156/54389 / WILSON 1-18C4		

2 Summary**2.1 Operation Summary**

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
7/18/2015	16:00 16:30	0.50	WOR	28		P		ROAD RIG FROM YOUNG 2-7C4 TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIGGING UP
	16:30 19:00	2.50	MIRU	01		P		MIRU PUMP 150 BBLS OF HOT 2% KCL DOWN ANNULUS ATTEMPT TO WORK PUMP OFF SEAT FAILED P/U POLISH ROD OPEN WELL TO SALES SDFN
7/19/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIG OPERATIONS
	7:00 8:00	1.00	WOR	06		P		R/U 2 HOT OIL TRUCKS PUMP 475 BBLS OF HOT 2% KCL WATER DOWN CSG ATTEMPT TO WORK PUMP OFF SEAT FAILED PULL ROD PARTED
	8:00 10:38	2.63	WOR	39		P		TOH w 94-1" RODS L/D 21-1" RODS 104-7/8" RODS 100-3/4" RODS L/D 70-3/4" RODS L/D WT BARS L/D PULL ROD
	10:38 12:49	2.18	WHDTRE	16		P		N/D WELL HEAD N/U AND TEST 5K X 7 1/16 BOPE CHART FOR 10 MINS GOOD TEST
	12:49 14:20	1.52	WLWORK	21		P		HSM UPDATE JSA TOPIC; WIRELINE...MIRU WIRELINE TIH PERFORATE TBG AT 10198' TOH R/D WIRELINE
	14:20 15:00	0.67	WOR	06		P		FLUSH TBG w 60 BBLS OF HOT 2% KCL WATER
	15:00 18:30	3.50	WOR	39		P		TOH w 265-JTS OF 2 7/8" TBG L/D 53-JTS OF 2 3/8" L/D BHA NO SCALE MUD JTS FULL OF SAND SECURE WELL CLOSE BOPE AND LOCK 7" CSG VALVE CLOSED w NIGHT CAPS SDFN
7/20/2015	6:00 7:00	1.00	WLWORK	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; WIRELINE OPERATIONS
	7:00 8:35	1.58	WLWORK	27		P		MIRU WIRELINE P/U 4" GAUGE RING TIH TO 9135' TOH L/D SAME P/U 6" GAUGE RING TIH TO 8866' TOH L/D SAME
	8:35 9:26	0.85	WLWORK	27		P		P/U 5" CBP TIH SET AT 9135' TOH L/D SETTING TOOL
	9:26 12:15	2.82	WLWORK	27		P		FILL CSG w 268 BBLS OF 2% KCL WATER
	12:15 13:30	1.25	WLWORK	27		P		P/U TIH w DUMP BAIL DUMP 10' OF CMT TOC 9125' TOH L/D BAILER
	13:30 15:10	1.67	WLWORK	27		P		P/U 5" CBP TIH PRESSURE WELL TO 1500 PSI SET AT 9110' TOH L/D SETTING TOOL
	15:10 17:00	1.83	WLWORK	27		P		P/U TIH w DUMP BAIL DUMP 10' OF CMT TOC 9125' TOH L/D BAILER RDMO WIRELINE SECURE WELL CLOSE BOPE AND LOCK 7" CSG VALVE CLOSED w NIGHT CAPS SDFN
7/21/2015								

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	6:00 7:00	1.00	WHDTRE	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; N/U OPERATIONS
	7:00 9:00	2.00	WHDTRE	16		P		N/D BOPE N/U 7" MASTER VALVE TEST CSG TO 7500 PSI PLUGS FAILED
	9:00 12:08	3.13	WLWORK	16		P		CONTINUE N/U 7" STACK TEST FRAC STACK TO 9500 PSI AND CHART SET SANDCASTLE R/U WATER TRANSFER LINES R/U AND TREAT WATER R/U FLOW BACK LINES MIRU WIRELINE TRUCK
	12:08 13:10	1.03	WLWORK	27		P		P/U TIH w 3.95" GAUGE RING TO 9650' TOH L/D GAUGE RING
	13:10 14:39	1.48	WLWORK	26		P		P/U TIH w 5" 12K CBP SET AT 9127' TOH L/D SETTING TOOL
	14:39 16:30	1.85	WLWORK	06		P		FILL CSG w 160 BBLs OF 2% KCL WATER
	16:30 22:30	6.00	WLWORK	04		P		TIH 4 DUMP BAIL RUNS DUMP 35' OF SAND TOP SAND 9092' L/D DUMP BAILER SECURE WELL CLOSE 7" MASTER VALVE 7" HCRS 7" CSG VALVE CLOSED w NIGHT CAPS SDFN
	22:30 1:00	2.50	SITEPRE	18		P		HEAT WATER HAUL IN SAND
7/22/2015	6:00 7:00	1.00	WLWORK	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; TESTING OPERATIONS
	7:00 8:37	1.62	WLWORK	18		P		PRESSURE TEST 12K PLUG TO 8000 PSI AND CHART GOOD TEST BLEED OFF PRESSURE
	8:37 10:00	1.38	WLWORK	21		P		PERFORATE STG 1 9082' TO 8900' 19 NET FT 57 SHOTS w 2-3/4" TAG-RTG GUN 16GM 3 JSPF 120 PHASING ALL PERFORATIONS CORRELATED TO THE LONE WOLF WIRELINE RADIAL CEMENT BOND GAMMA RAY CCL RUN 1 3/12/13 STARTING PRESSURE 0 PSI END PRESSURE 0 PSI
	10:00 14:36	4.60	MIRU	01		P		MIRU FRAC EQUIPMENT
	14:36 17:30	2.90	STG01	35		P		STAGE 1; PRESSURE TEST LINES TO 9400 PSI. OPEN WELL. SICP WELL VACUUM FILL w 23 BBLs BREAK DOWN STAGE 1 PERFORATIONS 9082' TO 8900' AT 3902 PSI, PUMPING 9 BPM. PUMP 116 BBLs OF TREATED WATER STEP DOWN RATE IN 4 STEPS SHUT DOWN FOR 15 MIN ISDP 4365 FG .92 5MIN 3012 10 MIN 2755 15MIN 2472 TREATED STAGE 1... AS PER PROCEDURE TREAT W/ 5000 GAL 15% HCL ACID FR-76 WATER ACID FLUSH 25# HYBOR G PAD 100 MESH FR-76 WATER SWEEP FR-76 .5# TLC 30/50 1# TLC 30/50 20# HYBOR 2# GOT 8500# OF 2# IN THE PERFS SREENED OUT LEFT 17300# IN WELL BORE TTL PROP IN PERFS 42900#
	17:30 6:00	12.50	STG02	21		P		OPEN WELL 4800 PSI ON 12/64 CHOCK BUMP CHOCK TO A 20/64 FLOWING 2250 PSI TURN OVER TO FLOW BACK SHUT WELL IN 400 PSI 1040 BBLs RECOVERED
7/23/2015	6:00 7:00	1.00	STG02	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; WIRELINE OPERATIONS
	7:00 8:15	1.25	WLWORK	27		P		CSIP 500 PSI P/U 3.95" GAUGE RING TIH TO 8920' TOH L/D SAME
	8:15 9:40	1.42	STG02	21		P		TIH SET 5" CBP PLUG AT 8893' PERFORATE STG 2 8854' TO 8606' 20 NET FT 60 SHOTS w 2-3/4" TAG-RTG GUN 16GM 3 JSPF 120 PHASING ALL PERFORATIONS CORRELATED TO THE LONE WOLF WIRELINE RADIAL CEMENT BOND GAMMA RAY CCL RUN 1 3/12/13 STARTING PRESSURE 750 PSI END PRESSURE 800 PSI

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	9:40 11:44	2.07	STG02	35		P		HSM UPDATE JSA TOPIC; FRAC OPERATIONS STAGE 2; PRESSURE TEST LINES TO 9020 PSI. OPEN WELL. SICP 807 PSI. BREAK DOWN STAGE 2 PERFORATIONS 8854' TO 8606' AT 3523 PSI, PUMPING 10 BPM. PUMP 84 BBLS OF TREATED WATER STEP DOWN RATE IN 4 STEPS SHUT DOWN FOR 15 MIN ISDP 2711 FG .75 5MIN 2412 10 MIN 2316 15MIN 2236 TREATED STAGE 2... AS PER PROCEDURE TREAT W/ 5000 GAL 15% HCL ACID FR-76 WATER ACID FLUSH 25# HYBOR G PAD FR-76 100 MESH FR-76 WATER SWEEP FR-76 .5# TLC 30/50 HYBOR 10# TLC 30/50 20# HYBOR 1.5# TLC 30/50 HYBOR 2# TLC 30/50 20# HYBOR G 3# TLC 30/50 STG FLUSH TO TOP PERF...ISDP 3100 PSI. AVG RATE 68 BPM. AVG PSI 4820 PSI. MAX PSI 5895 PSI. TTL PROP 127300 TURN OVER TO WIRELINE
	11:44 14:00	2.27	STG03	21		P		STAGE 3; SET 7" COMPOSITE FRAC PLUG AT 8592' PRESSURE ON WELL 3000 PSI PERFORATE STAGE 3 PERFORATIONS 8577' TO 8454', 14 NET FEET 42 TTL SHOTS W/ 2-3/4" 3 JSPF, 120 DEG PHASING GUNS END PRESSURE 3000 PSI CORRELATED TO THE LONE WOLF WIRELINE RADIAL CEMENT BOND GAMMA RAY CCL RUN 1 3/12/13 R/D WIRELINE
	14:00 15:35	1.58	STG03	35		P		STAGE 3; PRESSURE TEST LINES TO 9048 PSI. OPEN WELL. SICP 938 PSI. BREAK DOWN STAGE 3 PERFORATIONS 8577' TO 8454 AT2366 PSI, PUMPING 10 BPM. PUMP 107 BBLS OF TREATED WATER STEP DOWN RATE IN 4 STEPS SHUT DOWN FOR 15 MIN ISDP 1951 FG .66 5MIN 1109 10 MIN 991 15MIN 940 TREATED STAGE 3... AS PER PROCEDURE TREAT W/ 5000 GAL 15% HCL ACID FR-76 WATER ACID FLUSH 25# HYBOR G PAD FR-76 100 MESH FR-76 WATER SWEEP FR-76 .5# TLC 30/50 HYBOR TLC 30/50 20# HYBOR 1.5# TLC 30/50 HYBOR PUMPED 14600# OF 1.5# IN WELL STG FLUSH TO TOP PERF...ISDP 3347 PSI. AVG RATE 52 BPM. AVG PSI 5773 PSI. MAX PSI 7963 PSI. TTL PROP 38360 SECURE WELL CLOSE 7" MASTER VALVE CLOSE TOP AND BTM 7" HCR VALVE AND LOCK 7" CSG VALVE CLOSE
	15:35 18:30	2.92	RDMO	02		P		RDMO
	18:30 6:00	11.50	FB	17		P		OPEN WELL 750 PSI ON A 12/64 CHOCK TURN WELL OVER TO FLOW BACK 190 BBLS OF WATER 0 OIL 0 GAS 400 PSI
7/24/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; N/D NU OPERATIONS
	7:00 10:00	3.00	WOR	16		P		OPEN WELL TO FLOW BACK TANK START BLEEDING OFF PRESSURE N/D FRAC STACK TO THE 7" MASTER VALVE N/U 5K BOPE AND TEST TO 4800 PSI GOOD TEST
	10:00 18:30	8.50	WOR	15		P		CSIP 400 PSI PUMP 100 BBLS OF 9.9# BRINE WATER SHUT WELL IN BLOKE AND BLEED PRESSURE DROP TO 200 PSI STILL FLOWING PUMP ADDITION 100 BBLS OF 9.9# BRINE WATER SHUT WELL IN BLOCK AND BLEED WILL STILL FLOWING 200 PSI PUMP ADDITIONAL 100 BBLS OF 9.9# BRINE WATER SHUT WELL IN CLOSE 7" CSG VALVES w NIGHT CAPS BOPE CLOSED AND LOCKED SDFN
7/25/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; C/O OPERATIONS
	7:00 10:00	3.00	WOR	39		P		CSIP 200 PSI BLEED OFF PRESSURE WELL IS DEAD TIH w 263-JTS OF 2-7/8" TBG TAG AT 8554'
	10:00 17:01	7.02	WOR	10		P		R/U POWER SWIVEL ESTABLISH CIRC C/O SAND TO 8592' DRILL 7" CBP AND CHASE PLUG PART TO LINER TOP AT 8866' FINISH DRILL PLUG CIRC CLEAN KILL TBG w 15 BBLS OF 9.9# BRINE WATER

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	17:01 18:30	1.48	WOR	39		P		R/D POWER SWIVEL TOH w 134-JTS EOT 4244' SECURE WELL TIW VALVE w NIGHT CAP CLOSE BOPE AND LOCK CLOSE 7" CSG VALVES w NIGHT CAPS SDFN
7/26/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIG OPERATIONS
	7:00 10:00	3.00	WOR	15		P		TSIP 100 PSI CSIP 160 PSI BLEED OFF TBG BLEED OFF CSG FLOWING PUMP 175 BBLs OF 9.9# BRINE
	10:00 11:55	1.92	WOR	39		P		FINISH TOH w 135-JTS L/D 6" BIT
	11:55 13:30	1.58	WOR	39		P		P/U 4 1/8" BIT P/U 15-JTS OF 2 3/8" TBG TIH w 257-JTS OF 2 7/8" TBG TAG AT 8865'
	13:30 18:00	4.50	WOR	10		P		R/U POWER SWIVEL ESTABLISH CIRC DRILL 7" PLUG REMAINS C/O 5" LINER TO 8893" DRILLING ON 5" CBP PLUGGED OFF BIT TOH TO 4424' SECURE WELL TIW VALVE w NIGHT CAP CLOSE BOPE AND LOCK CLOSE 7" CSG VALVES w NIGHT CAPS SDFN
7/27/2015	6:00 7:00	1.00	WLWORK	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; WIRELINE OPERATIONS
	7:00 8:10	1.17	WLWORK	21		P		CSIP 260 PSI TSIP 0 PSI MIRU WIRELINE TRUCK P/U TBG PUNCHER TIH PERFORATE TBG 4040' TOH R/D WIRELINE
	8:10 9:30	1.33	WOR	15		P		KILL WELL w 150 BBLs OF BRINE WATER
	9:30 10:26	0.93	WOR	39		P		TOH w 121-JTS OF 2 7/8" TBG L/D 15- JTS OF 2 3/8" TBG L/D 4 1/8" BIT 13-JTS OF 2 3/8" TBG FULL OF SAND
	10:26 13:15	2.82	WOR	39		P		P/U 4 1/8" BIT 9-JTS OF 2 3/8" TBG CHANGE HANDLING TOOLS TIH 262-JTS OF 2 7/8" TBG TAG AT 8781' 85' ABOVE LINER TOP AT 8866'
	13:15 19:30	6.25	WOR	10		P		R/U POWER SWIVEL C/O FROM 8781' TO 8814' CIRC CLEAN KILL TBG TOH w 21-JTS EOT 8134' REVERSE CIRC 60 BBLs NO SAND SECURE WELL TIW VALVE w NIGHT CAP CLOSE BOPE AND LOCK CLOSE 7" CSG VALVES w NIGHT CAPS SDFN
7/28/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; C/O OPERATIONS
	7:00 8:58	1.97	WOR	15		P		CSIP 360 PSI TSIP 400 PSI BLEED PRESSURE OFF CSG 0 PSI TBG FLOWING 40 PSI PUMP 30 BBLs OF 9.9# BRINE WATER DOWN TBG
	8:58 18:30	9.53	WOR	39		P		TIH w 20-JTS OF 2 7/8" TBG TAG AT 8814' R/U POWER SWIVEL C/O TO 8893' CONTINUE DRILLING 5" PLUG C/O TO 9096' CIRC WELL CLEAN KILL TBG w 20 BBLs OF 9.7# BRINE WATER
	18:30 20:00	1.50	WOR	39		P		R/D POWER SWIVEL TOH w 22 JTS OF 2 7/8" TBG EOT 8343' SECURE WELL TIW VALVE R/U TO FLOW BACK MANIFOLD CLOSE BOPE AND LOCK CLOSE 7" CSG VALVES w NIGHT CAPS TRUN WELL OVER TO FLOW BACK CREW
7/29/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; KILL WELL OPERATIONS
	7:00 12:00	5.00	WOR	15		P		WELL FLOW TTL OF 739 BBLs OF WATER NO OIL NO GAS CSIP 0 PSI TSIP 290 PSI IN 15 MIN KILL WELL w 300 BBLs OF 9.9# BRINE WATER
	12:00 14:00	2.00	WOR	39		P		TOH w 256-JTS OF 2 7/8" TBG L/D 9-JTS OF 2 7/8" TBG L/D 9-2 3/8" TBG L/D C/O ASSEMBLY
	14:00 16:01	2.02	WOR	39		P		P/U 5 3/4" SOLID NO GO 2-JTS OF 2 7/8" TBG 5 1/2" PBGA 2' X 2 7/8" TBG SUB 4' X 2 7/8" TBG SUB 2 7/8" PSN 4-JTS OF 2 7/8" TBG 7" TAC 250-JTS OF 2 7/8" TBG
	16:01 17:30	1.48	WOR	16		P		SET TAC AT 8180' w 25K IN TENTION N/D BOPE N/U WELL HEAD INSTALL 60' CAP STRING SECURE WELL TIW VALVE w NIGHT CAP OPEN TO SALES SDFN
7/30/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; TRIPPING RODS

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	7:00 10:30	3.50	WOR	39		P		TSIP 100 PSI BLEED OFF PRSSURE TBG FLOWING KILL WELL w 50 BBLs OF BRINE WATER PUMP AND PRIME 2 1/2" X 1 3/4" X 38' PA 60 RING PUMP TIH w 16-KBARS 100-3/4" RODS 104-7/8" RODS P/U 17-3/4" RODS 92-1" RODS SPACE OUT PUMP w 8' 6' 4' 2' x 1" PONY RODS P/U POLISH ROD FILL TBG w 5 BBLs OF 2% KCL WATER TEST AND STROKE TEST PUMP TO 1000 PSI GOOD TEST
	10:30 12:30	2.00	RDMO	02		P		RDMO SLIDE ROTO FLEX CLEAN UP LOCATION TURN WELL OVER TO PRODUCTION
11/23/2015	10:00 11:30	1.50	MIRU	01		P		ROAD RIG FROM 1-21C4 TO 1-18C4, UP DATE JSA, SLIDE ROTA FLEX BACK, MIRU RIG,
	11:30 13:00	1.50	PRDHEQ	18		P		PUMP 60 BBLs HOT 2% KCL DOWN CSG, BLED OFF TBG, UNSEAT PUMP, FLUSH RODS W/ 60 BBLs HOT 2% KCL
	13:00 15:30	2.50	PRDHEQ	39		P		POOH W/ 91-1", 121-7/8", 100-3/4" RODS, L/D 16 - 1 1/2" W.B. & 2 1/2" X 1 3/4" X 38' PUMP, X-OVER TO TBG EQUIP.
	15:30 18:00	2.50	PRDHEQ	16		P		N/D B-FLANGE, P/U SUB, LAND TBG ON HANGER, N/U 5K BOPS, PRESSURE TEST BOPS TO 5000 PSI W/ HOT OILER, SECURE WELL, SHUT IN TBG, VENT CSG TO TREATER, SDFD.
11/24/2015	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL, HSM, WRITE & REVIEW JSA (TOPIC) RELEASE TAC
	7:00 9:00	2.00	PRDHEQ	18		P		BLED OFF WELL, R/U WORK FLOOR & TONGS, RELEASE 7" TAC @ 8,178'
	9:00 12:00	3.00	PRDHEQ	39		P		POOH W/ 250 JTS 2 7/8", 7" TAC, 4 JTS 2 7/8", L/D 4' X 2 7/8" SUB, PSN, 2' X 2 7/8" SUB, 5 1/2" PBGA, 2 JTS 2 7/8" & 5 3/4" NO/GO, BTM MUD JT WAS FULL OF SAND, X-O TO 2 3/8" TBG EQUIP.
	12:00 17:00	5.00	PRDHEQ	39		P		P/U & TALLEY W/ 4 1/8" BIT, BIT SUB, 85 JTS 2 3/8" TBG, RIH W/ TBG OUT OF DERRICK W/ 184 JTS 2 7/8" TBG, EOT @ 8,833', LAY PUMP LINE & RETURN LINE, GET SWIVEL READY TO P/U, SECURE WELL, SDFN.
11/25/2015	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL, HSM, WRITE & REVIEW JSA (TOPIC) POWER SWIVELS
	7:00 8:30	1.50	PRDHEQ	39		P		CONTINUE RIH W/ 8 JTS 2 7/8", TAG SAND @ 8,952', L/D 8 JTS, RUN 8 JTS,
	8:30 15:30	7.00	PRDHEQ	10		P		R/U POWER SWIVEL, BREAK CIRCULATION W/ 140 BBLs 2% KCL, CLEAN OUT 175' SAND, DRILL UP CBP @ 9,127', CIRCULATE WELL CLEAN, R/D SWIVEL, RIH W/ 17 JTS TAG UP ON FAILED PLUG @ 9,779', R/U SWIVEL, BREAK CIRCULATION, DRILL UP PLUG, CHASE DOWN 20' TO NEXT FAILED PLUG, DRILL UP CBP, LOST CIRCULATION, R/D SWIVEL, RIH W/ 41 JTS 2 7/8", TAG FILL @ 11,076', R/U SWIVEL, GOT CIRCULATION BACK, C/O TO 11,092', CIRCULATE CLEAN, R/D SWIVEL, POOH W/ 78 JTS 2 7/8" EOT @ 8,828', SECURE WELL, SDFN.
11/26/2015	6:00 7:00	1.00	PRDHEQ	28		P		C.T. HOLD SAFETY MEETING WRITE & REVIEW JSA (TOPIC) TRIPPING TUBING
	7:00 11:00	4.00	PRDHEQ	39		P		BLED OFF CSG, POOH W/ 176 JTS 2 7/8", 2 7/8" X 2 3/8", 85 JTS 2 3/8" TBG, L/D BTM JT PLUGGED, BIT SUB & 4 1/8" BIT,
	11:00 13:30	2.50	PRDHEQ	39		P		RIH W/ NEW 4 1/8" BIT, BIT SUB, 84 JTS 2 3/8", 2 3/8" X 2 7/8" X-O, 256 JTS 2 7/8", R/U POWER SWIVEL
	13:30 15:45	2.25	PRDHEQ	10		P		BREAK CIRCULATION W/ 150 BBLs 2% KCL, START DRILLING ON REMAINS OF PLUG AND PLUGGED THE BIT, PRESSURE UP ON TBG TO 3500 PSI, BLED OFF PRESS., R/D SWIVEL
	15:45 17:30	1.75	PRDHEQ	39		P		POOH W/ 78 JTS 2 7/8" TBG EOT @ 8833', SECURE WELL, SDFN.
11/27/2015	6:00 6:00	24.00	PRDHEQ	18		P		SHUT DOWN FOR THANKSGIVING

11/28/2015

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	6:00 7:00	1.00	PRDHEQ	28		P		C.T. HOLD SAFETY MEETING WRITE & REVIEW JSA (TOPIC) R/U & R/D POWER SWIVEL
	7:00 10:00	3.00	PRDHEQ	39		P		BLOW DOWN WELL, FLUSH TBG W/ 60 BBLS 2% KCL, RIH W/ 38 JTS 2 7/8", FLUSH TBG W/ 60 BBLS, RIH W/ 40 JTS 2 7/8" TAG FILL, R/U POWER SWIVEL
	10:00 14:00	4.00	PRDHEQ	10		P		BREAK CIRCULATION W/ 180 BBLS 2% KCL, C/O 5" CSG FROM 11,091' TO 11,297', 54' BELOW BTM PERF, CIRCULATE WELL CLEAN, R/D SWIVEL
	14:00 18:00	4.00	PRDHEQ	39		P		L/D 5 JTS 2 7/8', POOH W/ 262 JTS 2 7/8" TBG, X-O TO 2 3/8", L/D 30 JTS 2 3/8" TBG, POOH STANDING 52 JTS 2 3/8" TBG IN DERRICK, L/D BIT SUB & 4 1/8" BIT, SECURE WELL, SDFN.
11/29/2015	6:00 7:00	1.00	PRDHEQ	28		P		C. T, HOLD SAFETY MEETING WRITE & REVIEW JSA (TOPIC) RIH W/ TUBING & RODS
	7:00 11:30	4.50	PRDHEQ	18		P		CSIP 0 PSI, P/U 2 3/8" BULL PLUG, 2 JTS 2 3/8" TBG, 2 3/8" #3 DESANDER, 2' X 2 3/8" SUB, 2 3/8" PSN, 4' X 2 3/8" SUB, RIH W/ BHA, 4 JTS 2 3/8" TBG, 5" TAC 1/4 TURN, 48 JTS 2 3/8" TBG, 2 3/8" X 2 7/8" X-OVER, 221 JTS 2 7/8" TBG, TAG UP 165' INSIDE 5" LINER, TRY WORK THROUGH TIGHT SPOT, PULL UP 15' AND SET 1/4 TURN 5" TAC, RELEASE TAC, STILL WON'T GO THROUGH TIGHT SPOT.
	11:30 14:30	3.00	PRDHEQ	39		P		POOH 221 JTS 2 7/8", 2 7/8" X 2 3/8" X-OVER, 48 JTS 2 3/8", L/D 5" 1/4 TURN TAC,
	14:30 17:30	3.00	PRDHEQ	39		P		RIH W/ SLIM HOLE 5" TAC, 48 JTS 2 3/8", 2 3/8" X 2 7/8" X-OVER, 221 JTS 2 7/8" TBG, TAG UP ON TIGHT SPOT @ 9,049', WORK TAC THROUGH, CONTINUE RIH W/ 30 JTS 2 3/8" EOT @ 10,994', SECURE WELL, SDFN.
11/30/2015	6:00 7:00	1.00	PRDHEQ	28		P		C.T. HOLD SAFETY MEETING, WRITE & REVIEW JSA ON N/D BOPS / N/U WH
	7:00 9:00	2.00	PRDHEQ	16		P		CSIP & TSIP 40 PSI, BLOW DOWN WELL, SET SLIM HOLE 5" TIC TAC IN 20K TEN @ 10,072, N/D BOPS, N/U B-FLANGE W/ 60' CAPSTRING
	9:00 10:00	1.00	PRDHEQ	06		P		R/U HOT OILER, FLUSH TBG W/ 60 BBLS 2% KCL & 10 GALS CORROSION CHEM
	10:00 13:45	3.75	PRDHEQ	39		P		P/U PRIME 2" X 1 1/2" X 38' HF PUMP, RIH W/ PUMP, P/U 17 - 1 1/2" W.B., 52 SHG 3/4" RODS, RUN 98-3/4" OUT OF DERRICK, P/U 28 NEW 3/4, RUN 112-7/8" OOD, P/U 10 NEW 7/8", RUN 92-1" OOD, SPACE OUT W/ 2', 4', 6', 8' PONY SUBS, P/U NEW POLISH ROD SET PUMP @ 10,205
	13:45 14:30	0.75	PRDHEQ	18		P		FILL TBG W/ 6 BBLS, STROKE TEST PUMP TO 1000 PSI, GOOD TEST, FLUSH FLOW LINE W/ 15 HOT BBLS
	14:30 17:00	2.50	PRDHEQ	18		P		RDMO RIG, SLIDE IN ROTA FLEX, HANG OFF RODS, TWOTO, MIRU ON THE 3-20C4.

Table of Contents

1	General.....	1
1.1	Customer Information.....	1
1.2	Well Information.....	1
2	Summary.....	1
2.1	Operation Summary.....	1