

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 Van Wyck 2-24C5							
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') Sherrie Van Wyck						14. SURFACE OWNER PHONE (if box 12 = 'fee') 4357331139							
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') PO Box 161, 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		2055 FSL 1029 FEL		NESE		24		3.0 S		5.0 W		U	
Top of Uppermost Producing Zone		2055 FSL 1029 FEL		NESE		24		3.0 S		5.0 W		U	
At Total Depth		2055 FSL 1029 FEL		NESE		24		3.0 S		5.0 W		U	
21. COUNTY DUCESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 1029			23. NUMBER OF ACRES IN DRILLING UNIT 640							
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 4000			26. PROPOSED DEPTH MD: 11600 TVD: 11600							
27. ELEVATION - GROUND LEVEL 5717			28. BOND NUMBER 400 JU0708			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	17.5	13.375	0 - 600	54.5	J-55 ST&C	8.4	Class G	758	1.15	15.8			
SURF	12.25	9.625	0 - 2500	40.0	N-80 LT&C	9.1	Unknown	312	3.16	11.0			
							Unknown	195	1.3	14.3			
I1	8.75	7	0 - 8500	29.0	HCP-110 LT&C	10.5	Unknown	377	1.92	12.5			
							Unknown	217	1.64	13.0			
L1	6.125	5	8300 - 11600	18.0	HCP-110 LT&C	13.5	Unknown	194	1.48	14.2			
ATTACHMENTS													
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES													
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN							
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER							
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP							
NAME Maria S. Gomez				TITLE Principal Regulatory Analyst				PHONE 713 997-5038					
SIGNATURE				DATE 01/24/2014				EMAIL maria.gomez@epenergy.com					
API NUMBER ASSIGNED 43013528110000				APPROVAL  Permit Manager									

**Van Wyck 2-24C5
Sec. 24, T3S, R5W
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)	3,634' TVD
Green River (GRTN1)	4,300' TVD
Mahogany Bench	5,200' TVD
L. Green River	6,534' TVD
Wasatch	8,414' TVD
T.D. (Permit)	11,600' TVD

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River (GRRV)	3,634' MD / TVD
	Green River (GRTN1)	4,300' MD / TVD
	Mahogany Bench	5,200' MD / TVD
Oil	L. Green River	6,534' MD / TVD
Oil	Wasatch	8,414' MD / TVD

3. Pressure Control Equipment: (Schematic Attached)

A 4.5" by 20.0" rotating head on structural pipe from surface to 600' MD/TVD. A 4.5" by 13-3/8" Smith Rotating Head (Diverter Stack) from 600' MD/TVD to 2,500' MD/TVD on Conductor. A 10M BOP stack w/ rotating head, spacer spool, 5M annular, flex rams, blind rams & single w/ flex ram from 2,500' MD/TVD to 8,500' MD/TVD. A 10M BOP stack w/ r rotating head, spacer spool, 5M annular, flex rams, blind rams & single w/ flex ram from 8,500' MD/TVD to TD (11,600' MD/TVD).

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

OPERATORS MINIMUM SPECIFICATIONS FOR BOPE:

The surface casing will be equipped with a flanged casing head of 5M psi working pressure. An 11" 5M x 11" 10M spool, 11" x 10M psi BOP and 5M psi annular will be nipped up on the surface casing and tested to 250 psi low test / 3,000 psi high test for 10 minutes each prior to drilling out. The surface casing

will be tested to 1,000 psi. for 30 mins. Intermediate casing will be tested to the greater of 1,500 psi or 0.22 psi/ft. The choke manifold equipment, upper Kelly cock and floor safety valves will be tested to 5M psi. The annular preventer will be tested to 250 psi low test / 4,000 psi high test. The 10M BOP will be installed with rotating head, spacer spool, 5M annular, flex rams, blind rams & single w/ flex rams from surface shoe to TD. The BOPE will be hydraulically operated.

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

Statement on Accumulator System and Location of Hydraulic Controls:

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

Auxiliary Equipment:

- A) Pason Gas Monitoring 600' - TD
- B) Mud logger with gas monitor – 2,500' to TD (11,600' MD/TVD)
- C) Choke manifold with one manual and one hydraulic operated choke
- D) Full opening floor valve with drill pipe thread
- E) Upper and lower Kelly cock
- F) Shaker, de-sander and centrifuge

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

Please refer to the attached Wellbore Diagram.

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

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

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

5. **Drilling Fluids Program:**

Proposed Mud Program:

Interval	Type	Mud Weight
Surface	WBM	8.4 – 9.1
Intermediate	WBM	9.1 – 10.5
Production	WBM	10.5 – 13.5

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

Visual mud monitoring equipment will be utilized.

6. **Evaluation Program:**

Logs:

Mud Log: 2,500' MD/TVD – TD (11,600' MD/TVD)

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

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 11,600' TVD equals approximately 8,143 psi. This is calculated based on a 0.702 psi/ft gradient (13.5 ppg mud density at TD).

Maximum anticipated surface pressure equals approximately 5,591 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

Maximum anticipated surface pressure based on frac gradient at 7" casing shoe is 0.8 psi/ft at 8,500' TVD = 6,800 psi

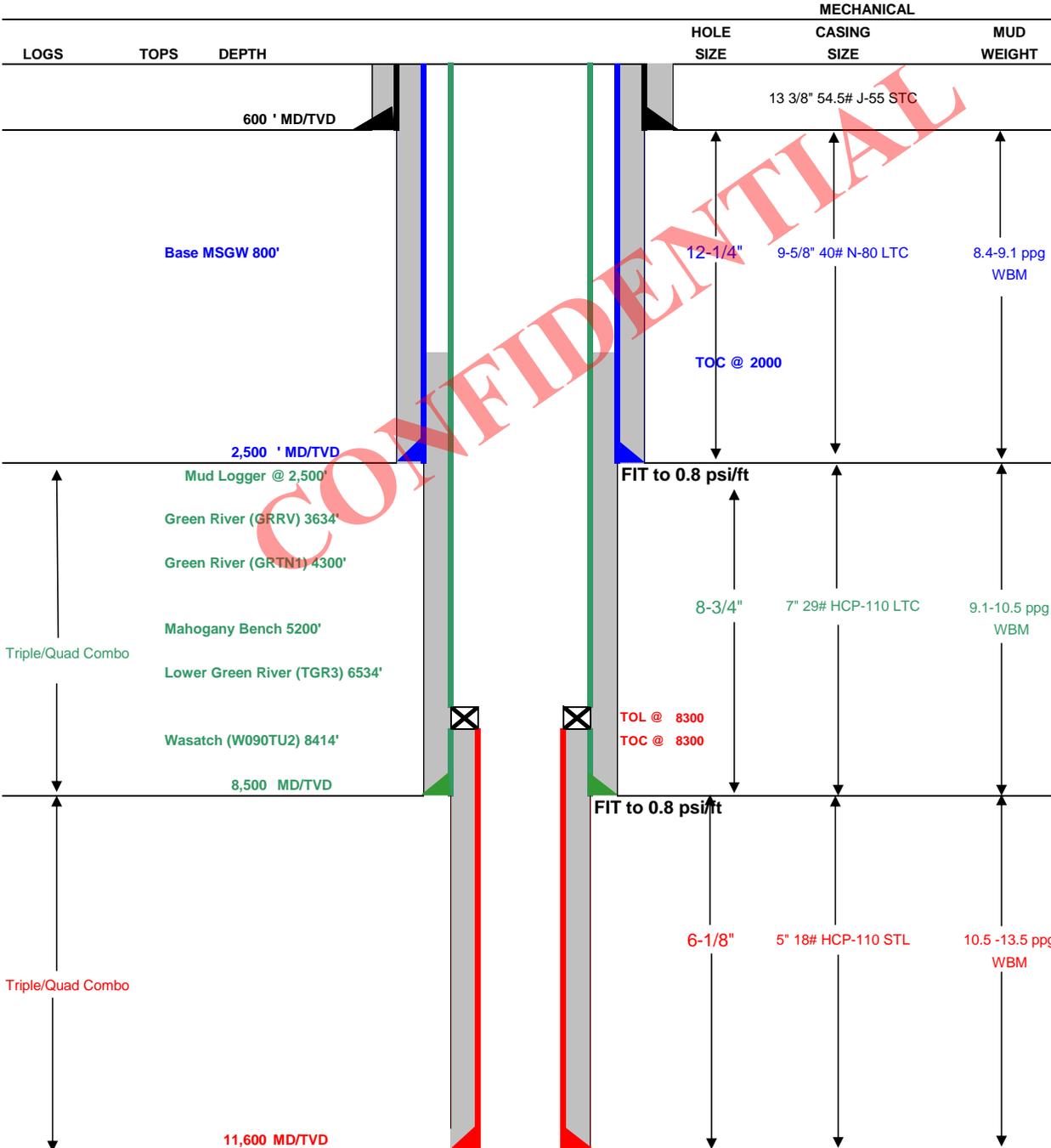
BOPE and casing design will be based on the lesser of the two MASPs which is 5,591 psi.

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



Drilling Schematic

Company Name: EP ENERGY	Date: March 19, 2014
Well Name: Van Wyck 2-24C5	TD: 11,600
Field, County, State: Altamont, Duchesne, Utah	AFE #: TBD
Surface Location: Sec 24 T3S R5W 2055' FSL 1029' FWL	BHL: Straight Hole
Objective Zone(s): Green River, Wasatch	Elevation: 5717
Rig: Precision 404	Spud (est.): TBD
BOPE Info: 4.5 x 13 3/8 Diverter System w/ rotating head from 600' to 2,500' 11 10M BOPE w/ rotating head & 5M annular from 2,500' to 8,500' 11 10M BOPE w/ rotating head, spacer spool, 5M annular, flex rams, blind rams, single w/ flex rams from 8,500' to TD	



DRILLING PROGRAM

CASING PROGRAM	SIZE	INTERVAL		WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	13 3/8"	0	600	54.5	J-55	STC	2,740	1,130	514
SURFACE	9-5/8"	0	2500	40.00	N-80	LTC	5,750	3,090	737
INTERMEDIATE	7"	0	8500	29.00	HCP-110	LTC	11,220	9,750	797
PRODUCTION LINER	5'	8300	11600	18.00	HCP-110	STL	13,940	15,450	495

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR		600	Class G + 3% CACL2	758	100%	15.8 ppg	1.15
SURFACE	Lead	2,000	5 lbm/sk Silicalite Compacted + 0.25 lbm/sk Kwik Seal + 0.125 lbm/sk Poly-E-Flake + 2% Bentonite + 0.3% D-AIR 5000	312	75%	11.0 ppg	3.16
	Tail	500	3 lbm/sk Silicalite Compacted + 1% Salt + 0.3% Econolite + 0.25 lbm/sk Poly-E-Flake + 0.25 lbm/sk Kwik Seal + 0.4% HR-5	195	50%	14.3 ppg	1.30
INTERMEDIATE	Lead	4,400	6% Bentonite + 0.2% Econolite + 0.3% Versaset + 1.2% HR-800 + 0.3% Super CBL + 0.2% Halad(R)-322 + 0.125 lbm/sk Poly-E-Flake	377	10%	12.5 ppg	1.92
	Tail	2,100	4% Bentonite + 0.25 Poly-E-Flake + 0.1% Halad-413 + 5 lb/sk Silicalite + 0.15% SA-1015	217	10%	13.0 ppg	1.64
PRODUCTION LINER		3,300	0.3% Super CBL + 0.7% SCR-100 + 0.3% Halad-413 + 0.3% Halad-344 + 0.125 lbm/sk Poly-E-Flake + 3 lbm/sk Silicalite Compacted + 20% SSA-1	194	25%	14.20	1.48

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 6,500'.
LINER	Float shoe, 1 joint, float collar, 1 joint, landing collar. Thread lock all FE. Maker joints every 1000'.

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

MANAGER: Bob Dodd

EP ENERGY E&P COMPANY, L.P.
VAN WYCK 2-24C5
SECTION 24, T3S, R5W, U.S.B.&M.

PROCEED NORTH ON STATE ROAD 87 FROM THE INTERSECTION OF STATE ROAD 87 WITH US HIGHWAY 40 IN DUCHESNE, UTAH APPROXIMATELY 2.67 MILES TO AN INTERSECTION;

TURN LEFT AND TRAVEL WESTERLY THEN NORTHERLY THEN NORTHEASTERLY ON A DIRT ROAD ,0.68 MILES TO THE BEGINNING OF THE ACCESS ROAD;

TURN RIGHT AND FOLLOW ROAD FLAGS SOUTHEASTERLY 0.06 MILES TO THE PROPOSED LOCATION;

TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 3.41MILES.

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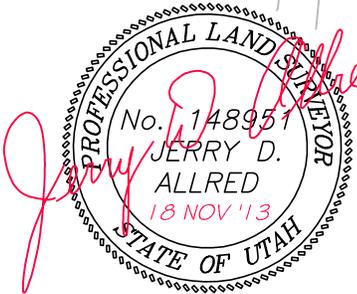
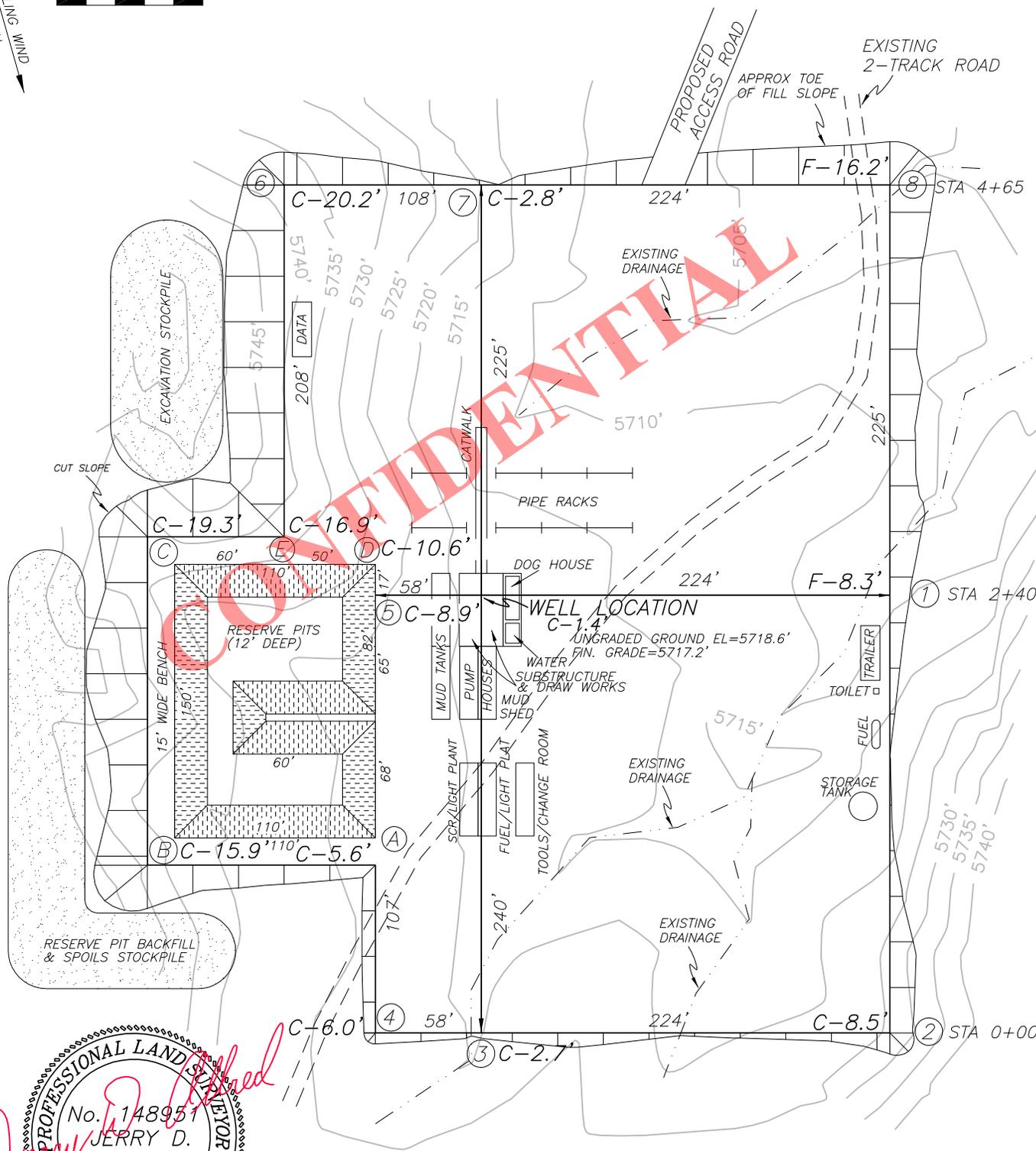
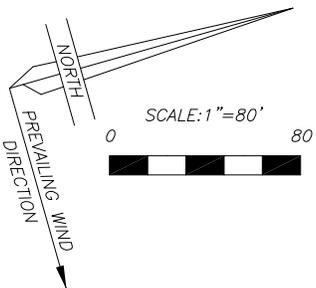
FIGURE #1

LOCATION LAYOUT FOR

VAN WYCK 2-24C5

SECTION 24, T3S, R5W, U.S.B.&M.

2055' FSL, 1029' FEL



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

EP ENERGY E&P COMPANY, L.P.

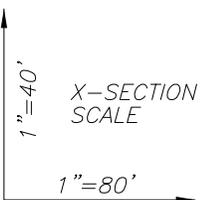
FIGURE #2

LOCATION LAYOUT FOR

VAN WYCK 2-24C5

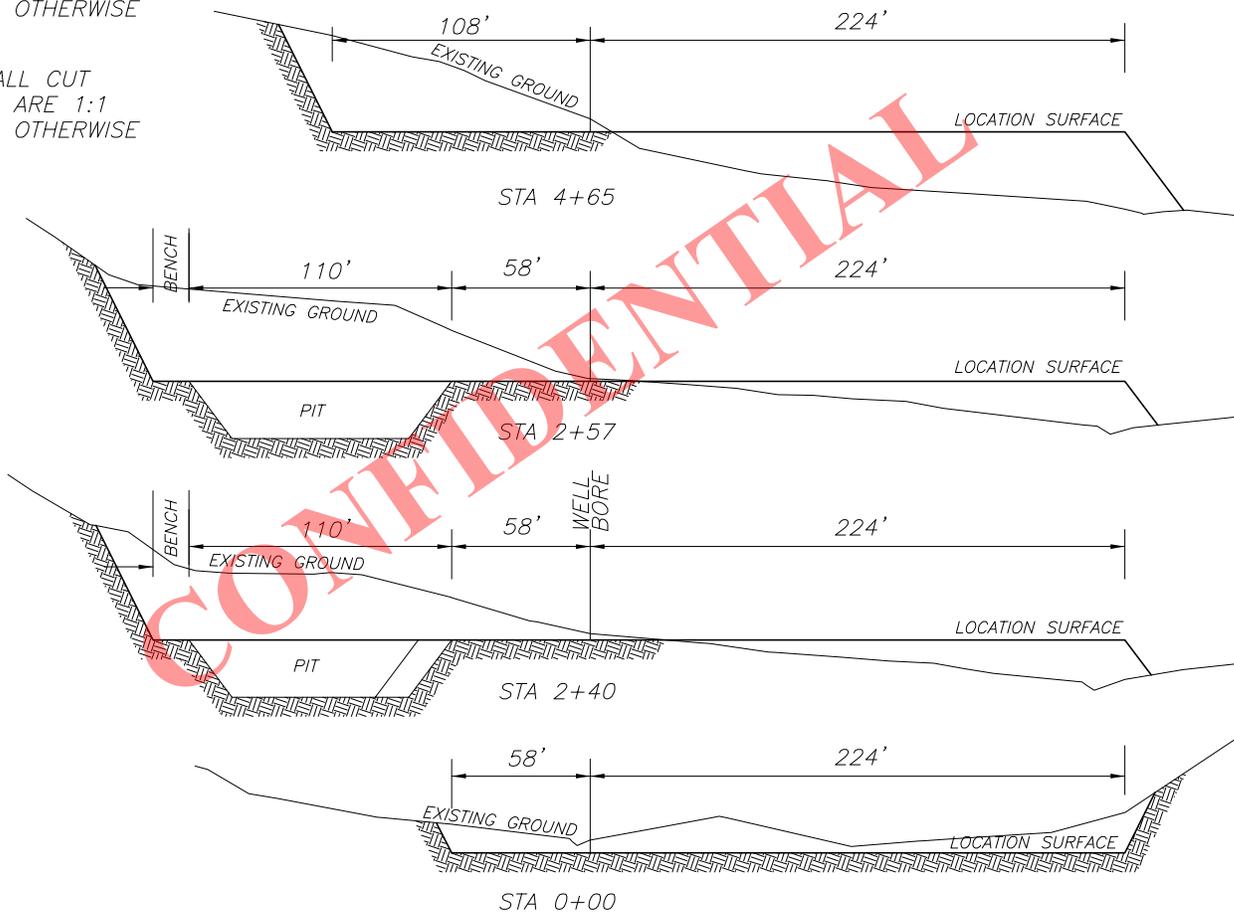
SECTION 24, T3S, R5W, U.S.B.&M.

2055' FSL, 1029' FEL



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

NOTE: ALL CUT
SLOPES ARE 1:1
UNLESS OTHERWISE
NOTED



APPROXIMATE YARDAGES

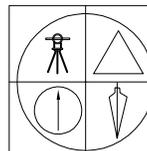
TOTAL CUT (INCLUDING PIT) = 35,966 CU. YDS.

PIT CUT = 4955 CU. YDS.
TOPSOIL STRIPPING: (6") = 3530 CU. YDS.
REMAINING LOCATION CUT = 27,481 CU. YDS

TOTAL FILL = 20,239 CU. YDS.

LOCATION SURFACE GRAVEL= 1653 CU. YDS. (4" DEEP)

ACCESS ROAD GRAVEL= 88 CU. YDS.



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

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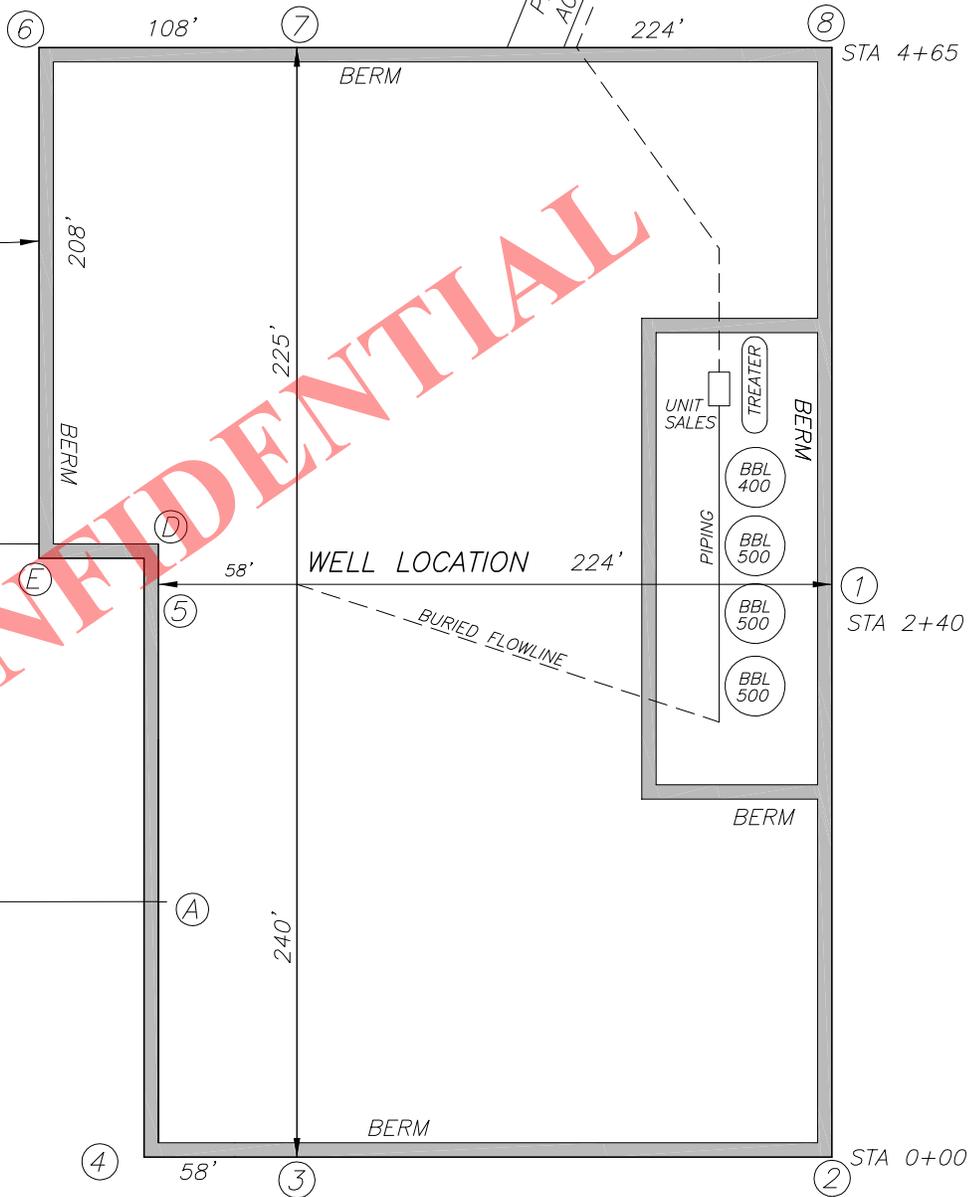
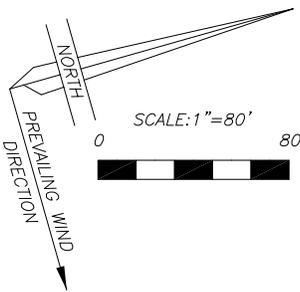
FIGURE #3

LOCATION LAYOUT FOR

VAN WYCK 2-24C5

SECTION 24, T3S, R5W, U.S.B.&M.

2055' FSL, 1029' FEL

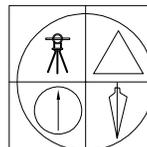


WELL PAD AREA BERMED AND USED FOR PRODUCTION

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

PIT AREA REGRADED BACK TO SLOPE FOR INTERIM RECLAMATION

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JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

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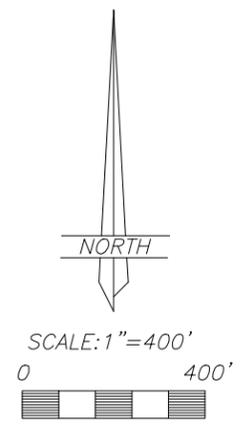
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RECEIVED: March 20, 2014

LOCATION USE AREA AND ACCESS ROAD, POWER LINE, AND PIPELINE
CORRIDOR RIGHT-OF-WAY SURVEY FOR
EP ENERGY E&P COMPANY, L.P.
VAN WYCK 2-24C5
SECTION 24, T3S, R5W, U.S.B.&M.
DUCHESNE COUNTY, UTAH

SEC 13 SEC 18
SEC 24 SEC 19

LINE	BEARING	DISTANCE
L1	N 74°13'14" W	525.00'
L2	N 15°46'46" E	246.28'
L3	N 15°46'46" E	278.72'
L4	S 74°13'14" E	111.66'
L5	S 74°13'14" E	413.34'
L6	S 15°46'46" W	131.87'
L7	S 15°46'46" W	393.13'
L8	N 52°00'54" W	292.30'



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

USE AREA BOUNDARY DESCRIPTION

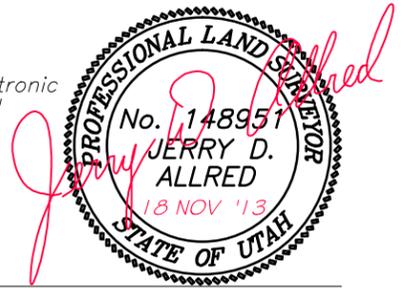
Commencing at the Southeast Corner of Section 24, Township 3 South, Range 5 West of the Uintah Special Base and Meridian;
Thence North 26°08'01" West 1911.55 feet to the TRUE POINT OF BEGINNING;
Thence North 74°13'14" West 525.00 feet;
Thence North 15°46'46" East 525.00 feet;
Thence South 74°13'14" East 525.00 feet;
Thence South 15°46'46" West 525.00 feet to the TRUE POINT OF BEGINNING, containing 6.33 acres.

ACCESS ROAD 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 24, Township 3 South, Range 5 West of the Uintah Special Base and Meridian, the centerline of said right-of-way being further described as follows:
Commencing at the Southeast Corner of said Section 24;
Thence North 29°09'40" West 2550.94 feet to the TRUE POINT OF BEGINNING, said point being on the West line of the EP Energy E&P Co. Van Wyck 2-24C5 use area boundary;
Thence North 52°00'54" West 292.30 feet to the East line of the County Road. Said right-of-way being 292.30 feet in length with the side lines being shortened or elongated to intersect said use area boundary and existing road lines.

SURVEYOR'S CERTIFICATE

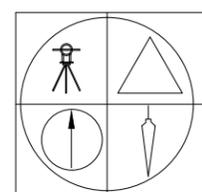
This is to certify that this plat was prepared from the field notes and electronic data collector files of an actual survey made by me, or under my personal supervision, of the use area and access road, power line, and pipeline corridor right-of-way shown hereon, and that the monuments indicated were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



JERRY D. ALLRED, REGISTERED LAND SURVEYOR,
CERTIFICATE NO. 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

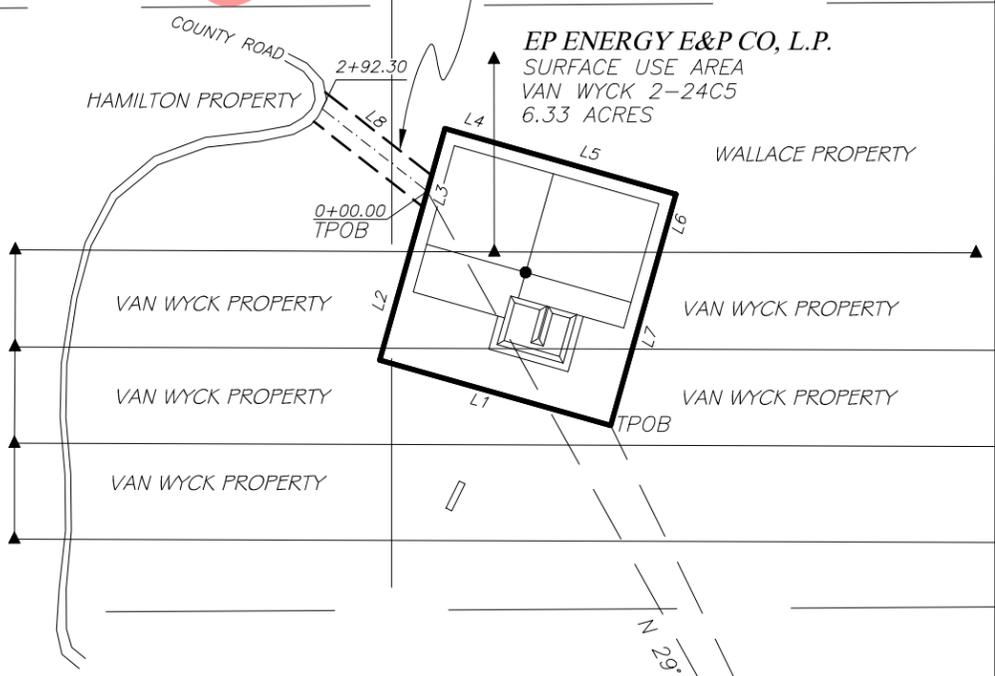


JERRY D. ALLRED AND ASSOCIATES
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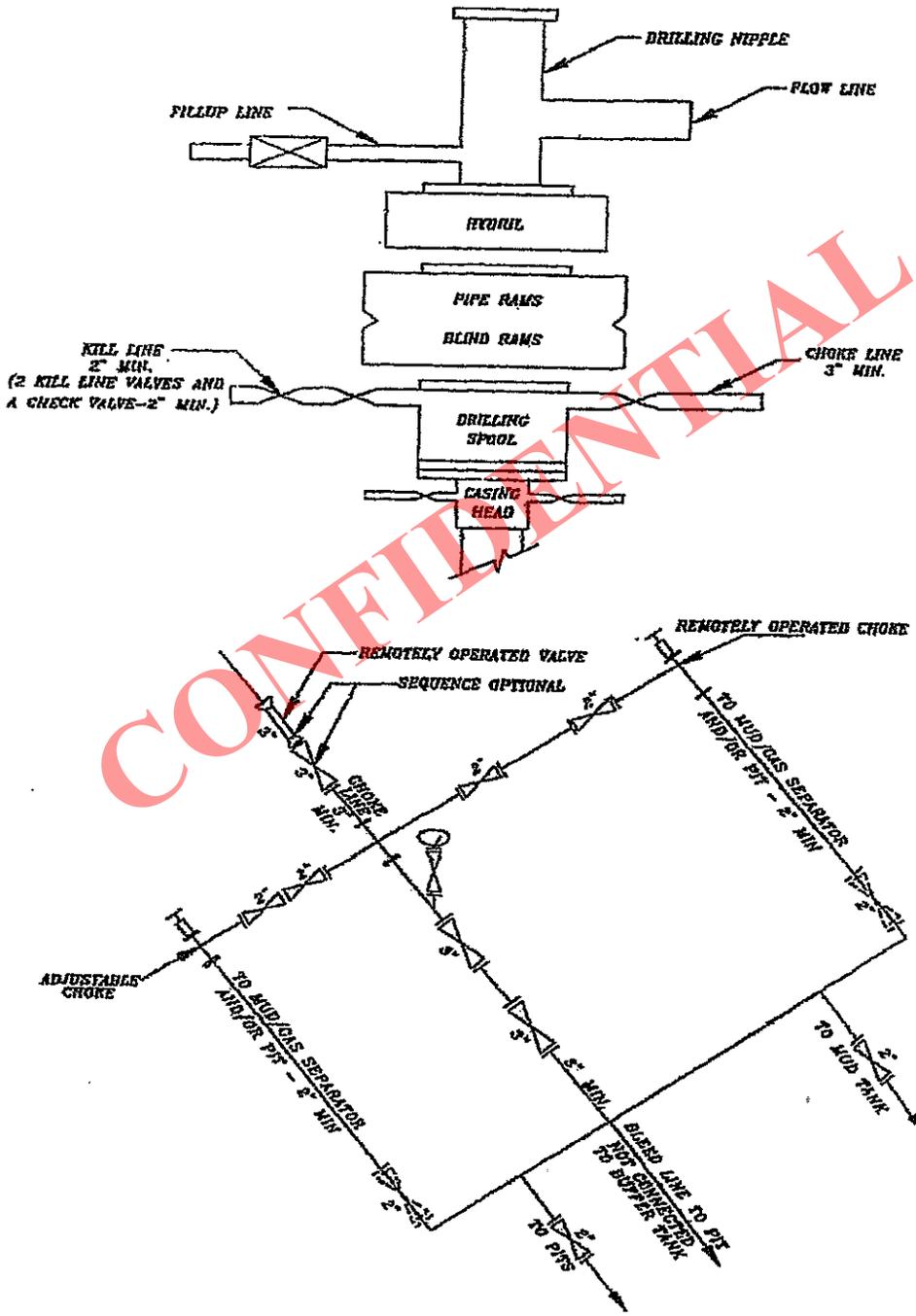
LEGEND AND NOTES

▲ INDICATES FOUND SUBDIVISION LOT CORNERS

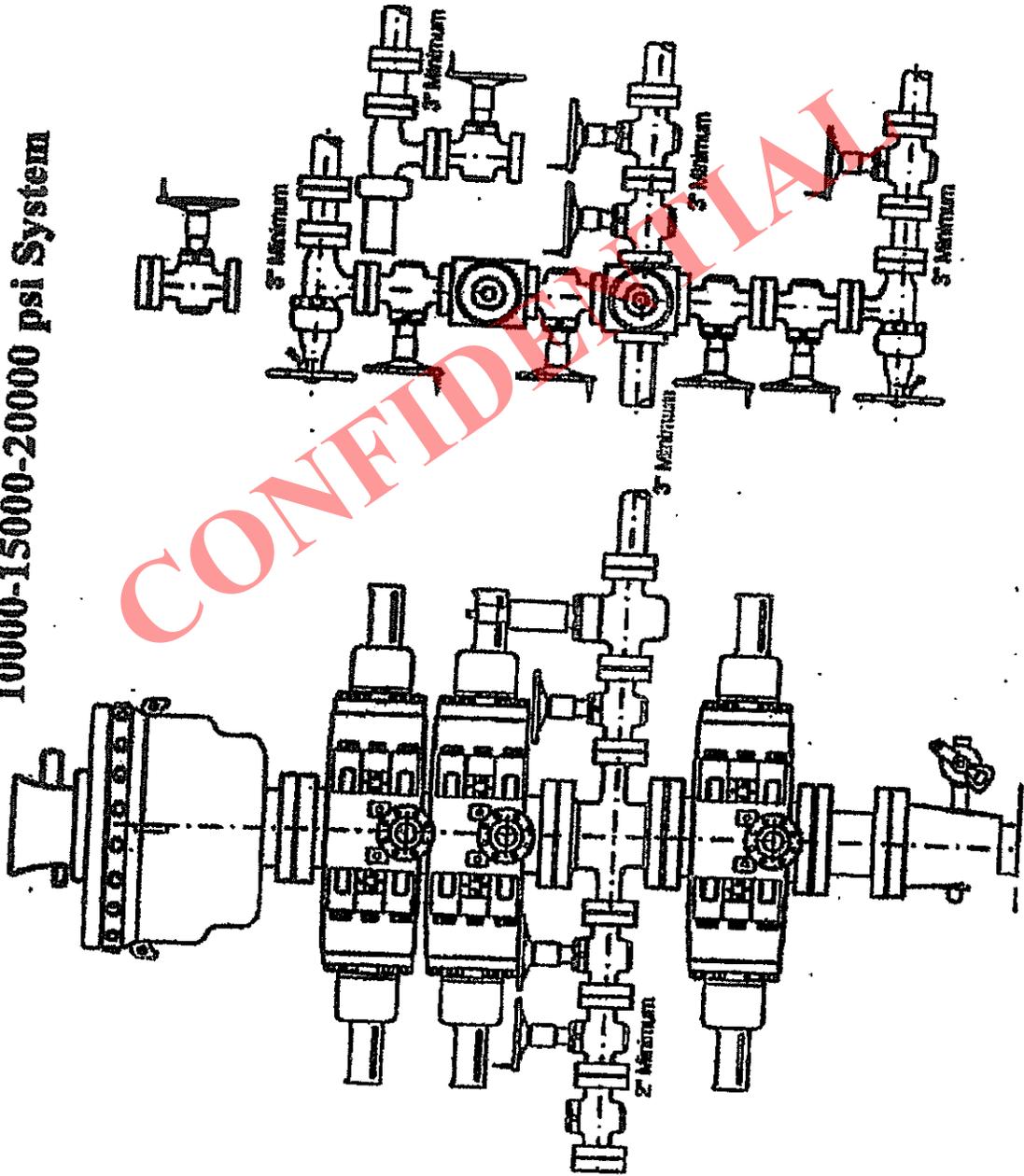
N 89°43'15" E 2644.16'

SEC 24 SEC 19
SEC 25 SEC 30

5M BOP STACK and CHOKE MANIFOLD SYSTEM



10000-15000-20000 psi System

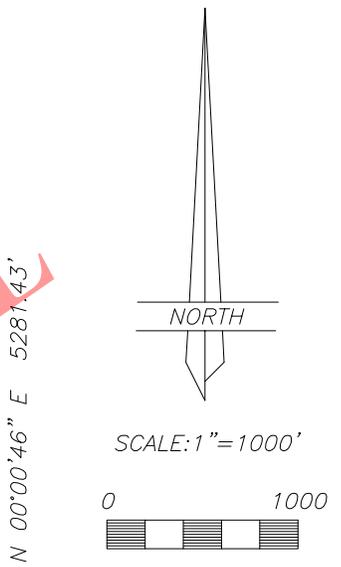
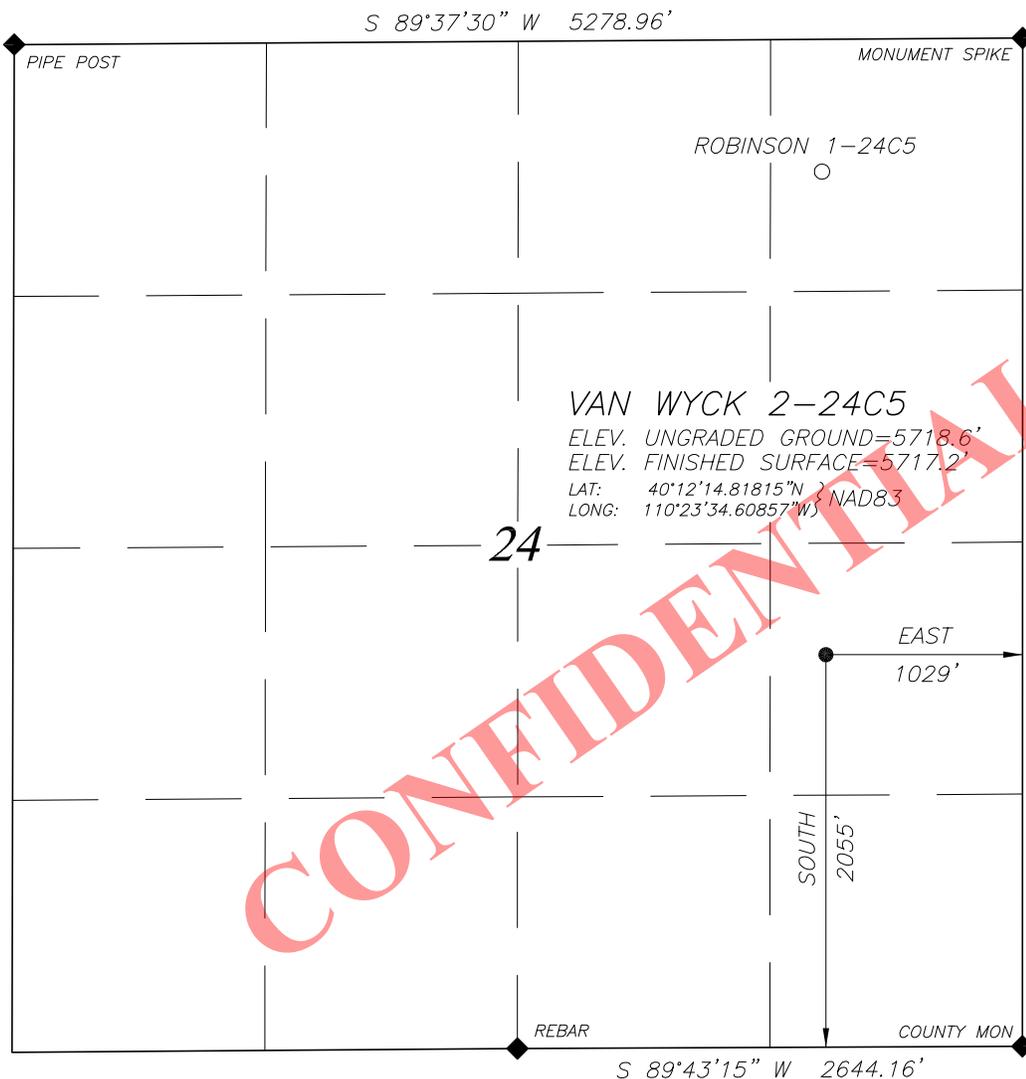


EP ENERGY E&P COMPANY, L.P.

WELL LOCATION

VAN WYCK 2-24C5

LOCATED IN THE NE¼ OF THE SE¼ OF SECTION 24, T3S, R5W, U.S.B.&M. DUCHESNE COUNTY, UTAH



NOTE:
NAD27 VALUES FOR WELL POSITION:
LAT: 40.20415904° N
LONG: 110.39223581° W

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LEGEND AND NOTES

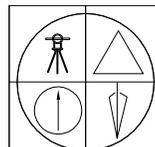
- ◆ CORNER MONUMENTS FOUND AND USED BY THIS SURVEY
THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS AS WAS THE U.S.G.S. MAP
- THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT
- THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS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

SURVEYOR'S CERTIFICATE

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



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

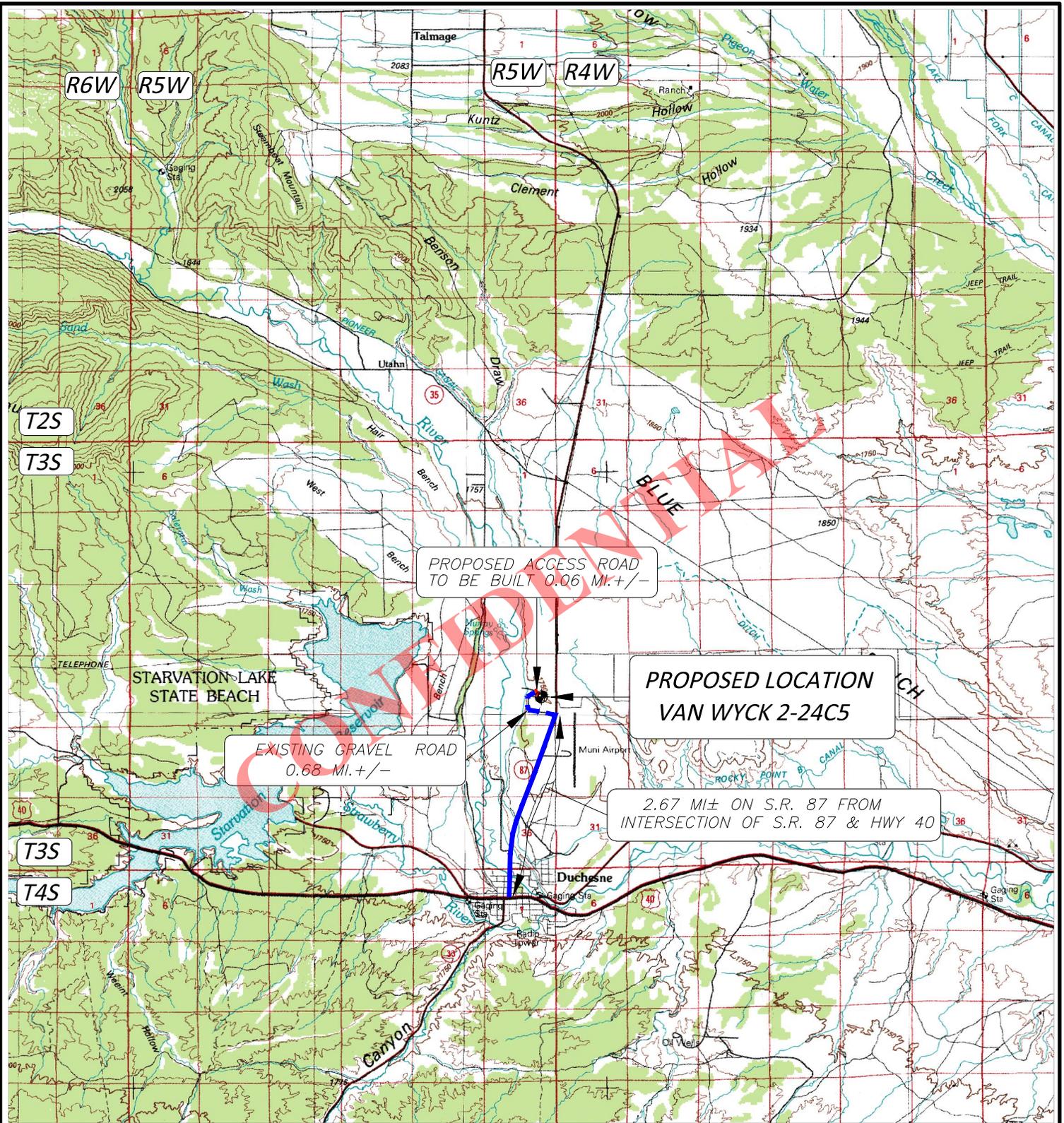


JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

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

18 NOV 2013 01-128-469

RECEIVED: January 24, 2014



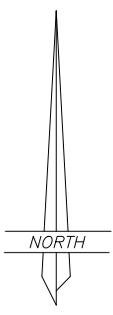
LEGEND:

● PROPOSED WELL LOCATION

01-128-469

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975
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EP ENERGY E&P COMPANY, L.P.

VAN WYCK 2-24C5

SECTION 24, T3S, R5W, U.S.B.&M.

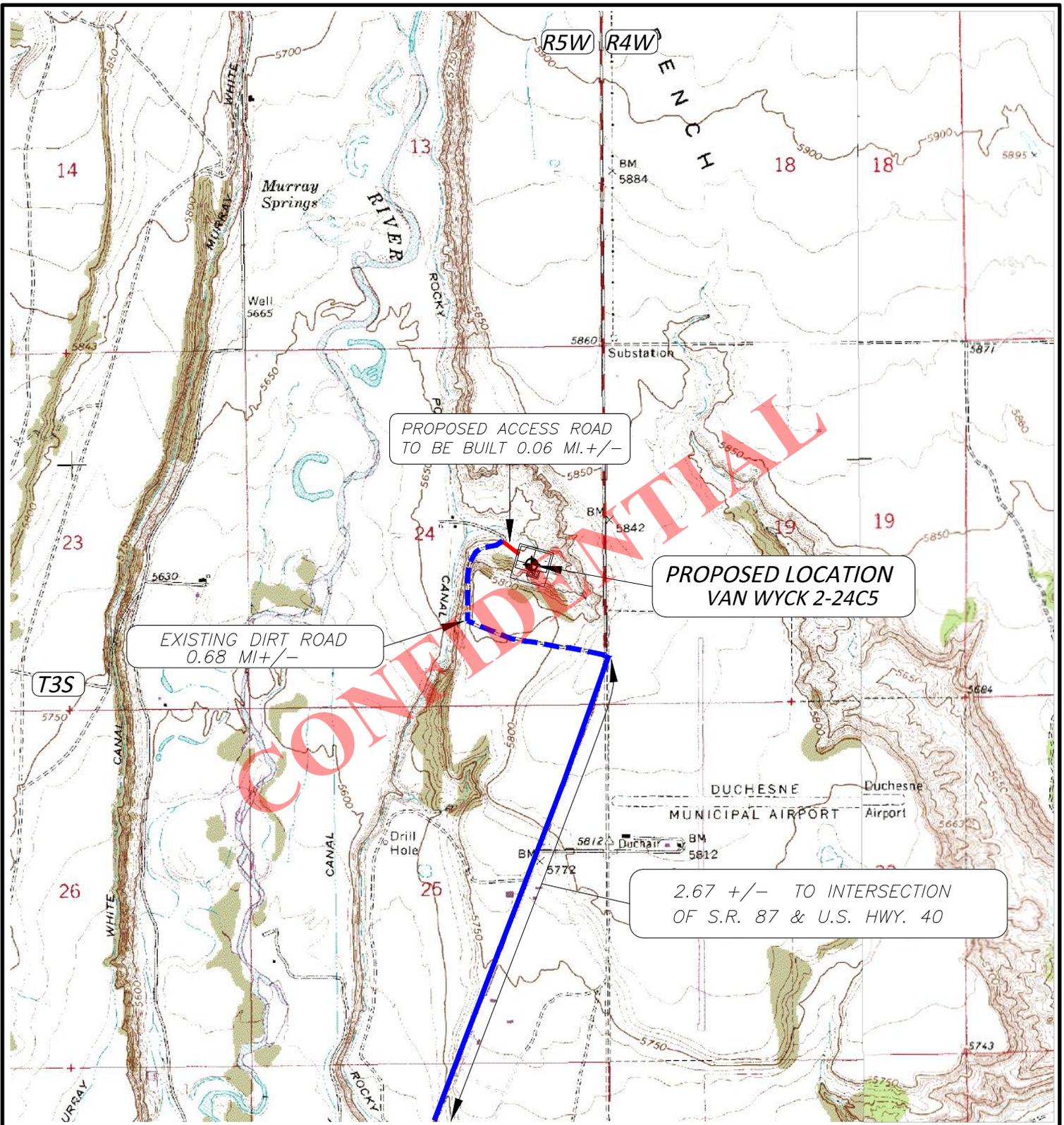
2055' FSL, 1029' FEL

TOPOGRAPHIC MAP "A"

SCALE; 1"=10,000'

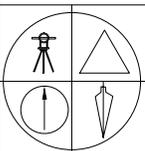
6 NOV 2013

RECEIVED: January 24, 2014



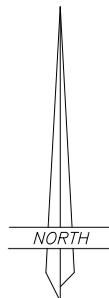
LEGEND:

- PROPOSED WELL LOCATION
 - PROPOSED ACCESS ROAD
 - EXISTING GRAVEL ROAD
 - EXISTING PAVED ROAD
- 01-128-469



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

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

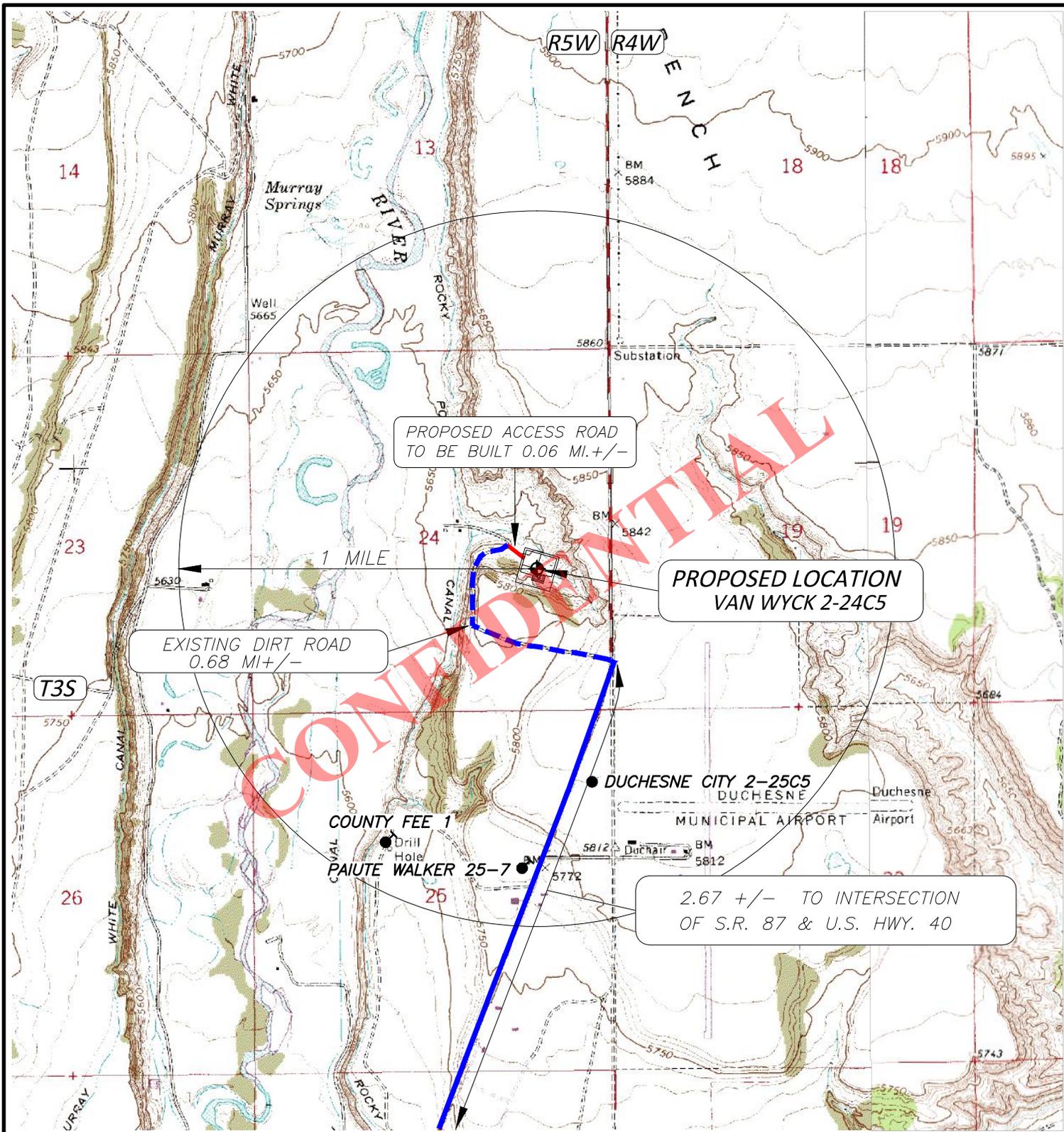


EP ENERGY E&P COMPANY, L.P.

VAN WYCK 2-24C5
SECTION 24, T3S, R5W, U.S.B.&M.
2055' FSL, 1029' FEL

TOPOGRAPHIC MAP "B"

SCALE; 1"=2000'
6 NOV 2013

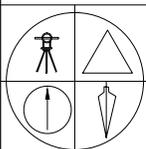


LEGEND:

PROPOSED WELL LOCATION

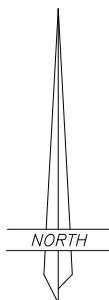
2-25C6

01-128-469



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.

VAN WYCK 2-24C5
SECTION 24, T3S, R5W, U.S.B.&M.
2055' FSL, 1029' FEL

TOPOGRAPHIC MAP "C"

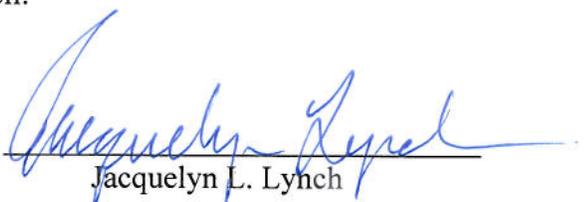
SCALE; 1"=2000'
6 NOV 2013

AFFIDAVIT OF DAMAGE SETTLEMENT AND RELEASE

Jacquelyn L. Lynch personally appeared before me, and, being duly sworn, deposes and says:

1. My name is Jacquelyn L. Lynch. I am a Landman for EP Energy E&P Company, L.P., whose address is 1001 Louisiana St., Houston, Texas 77002 (“EP Energy”).
2. EP Energy is the operator of the proposed Van Wyck 2-24C5 well (the “Well”) to be located in the NE/4SE/4 of Section 24, Township 3 South, Range 5 West, USM, Duchesne County, Utah (the “Drillsite Location”). The surface owners of the Drillsite Location is Sherrie Van Wyck, Kenneth A. Wallace U/A Dated 1/27/2006, a Trust, and Gail Hamilton & Shannon E. Hamilton (collectively referred to herein as “Surface Owners”). Sherrie Van Wyck whose address is PO Box 161, Duchesne, Utah 84021 and telephone number is (435) 733-1139. Kenneth A Wallace Trust U/A Dated 1/27/2006, a Trust, is represented by Kenneth D. Wallace, Trustee, whose address is PO Box 18385, Salt Lake City, Utah 84118 and whose telephone number is (801) 450-2378. Gail F. Hamilton & Shannon E. Hamilton, JT, whose address is PO Box 18385, Salt Lake City, Utah 84118 and whose telephone number is (435) 738-3866.
3. EP Energy and the Surface Owner have entered into a Damage Settlement and Release Agreement dated December 7, 2013, January 11, 2014, and January 16, 2014, respectively, to cover any and all injuries or damages of every character and description sustained by the Surface Owner or Surface Owner’s property as a result of operations associated with the drilling of the Well.

FURTHER AFFIANT SAYETH NOT.


 Jacquelyn L. Lynch

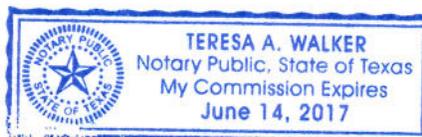
ACKNOWLEDGMENT

STATE OF TEXAS §
 §
 COUNTY OF HARRIS §

Sworn to and subscribed before me on this 17th day of January, 2014, by Jacquelyn L. Lynch, as Landman for EP Energy E&P Company, L.P., a Delaware limited partnership.


 NOTARY PUBLIC

My Commission Expires:



Notary ID# 12533182-6

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 .06 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 .06 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:

Sherrie Van Wyck
P. O. Box 161
Duchesne, Utah 84021
435-733-1139

Kenneth A. Wallace Trust
P. O. Box 18385
Salt Lake City, Utah 84118
801-450-2378

Gail F. Hamilton & Shannon E. Hamilton, JT
P.O. Box 18385
Salt Lake City, Utah 84118
435-738-3866

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:

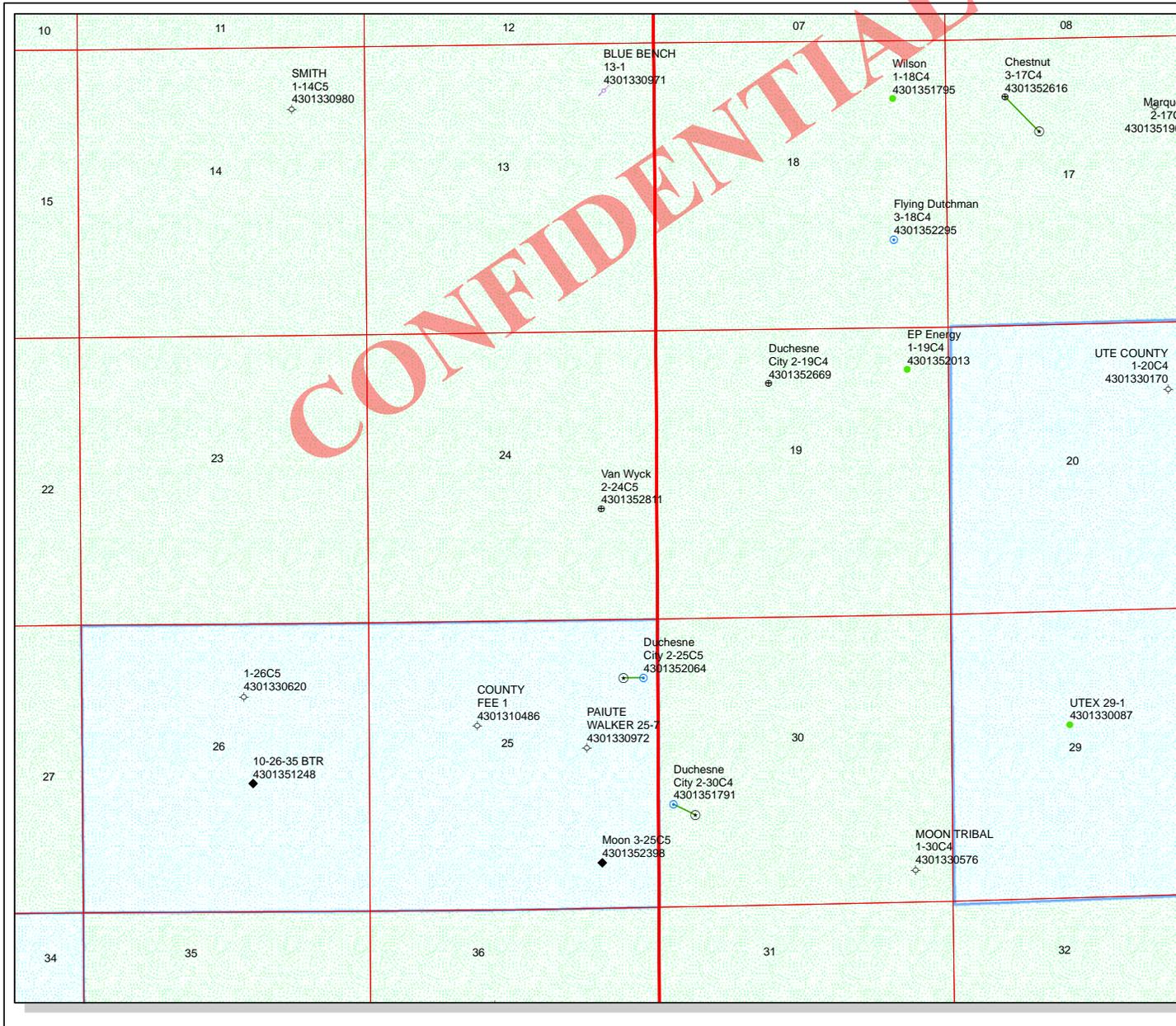
EP Energy E&P Company, L.P.
Wayne Garner
PO Box 410
Altamont, Utah 84001
435-454-3394 – Office
435-823-1490 – Cell

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.
Brad MacAfee – Drilling Engineer
1001 Louisiana, Rm 2660D
Houston, Texas 77002
713-997-6383 – office
281-813-0902 – Cell



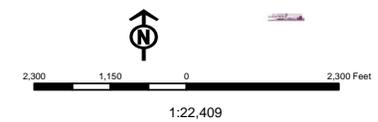
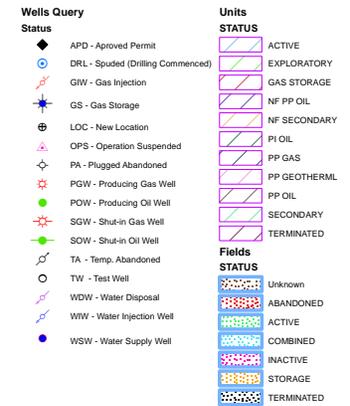
API Number: 4301352811

Well Name: Van Wyck 2-24C5

Township: T03.0S Range: R05.0W Section: 24 Meridian: U

Operator: EP ENERGY E&P COMPANY, L.P.

Map Prepared: 1/24/2014
Map Produced by Diana Mason



Well Name	EP ENERGY E&P COMPANY, L.P. Van Wyck 2-24C5 43013528110000			
String	Cond	Surf	I1	L1
Casing Size(")	13.375	9.625	7.000	5.000
Setting Depth (TVD)	600	2000	8500	11600
Previous Shoe Setting Depth (TVD)	0	600	2000	8500
Max Mud Weight (ppg)	8.4	9.1	10.5	13.5
BOPE Proposed (psi)	1000	1000	10000	10000
Casing Internal Yield (psi)	2730	5750	11220	13940
Operators Max Anticipated Pressure (psi)	8143			13.5

Calculations	Cond String	13.375	"
Max BHP (psi)	.052*Setting Depth*MW=	262	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	190	YES <input type="checkbox"/> 4.5 x 20 rotating head
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	130	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)=	130	NO <input type="checkbox"/>
Required Casing/BOPE Test Pressure=		600	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

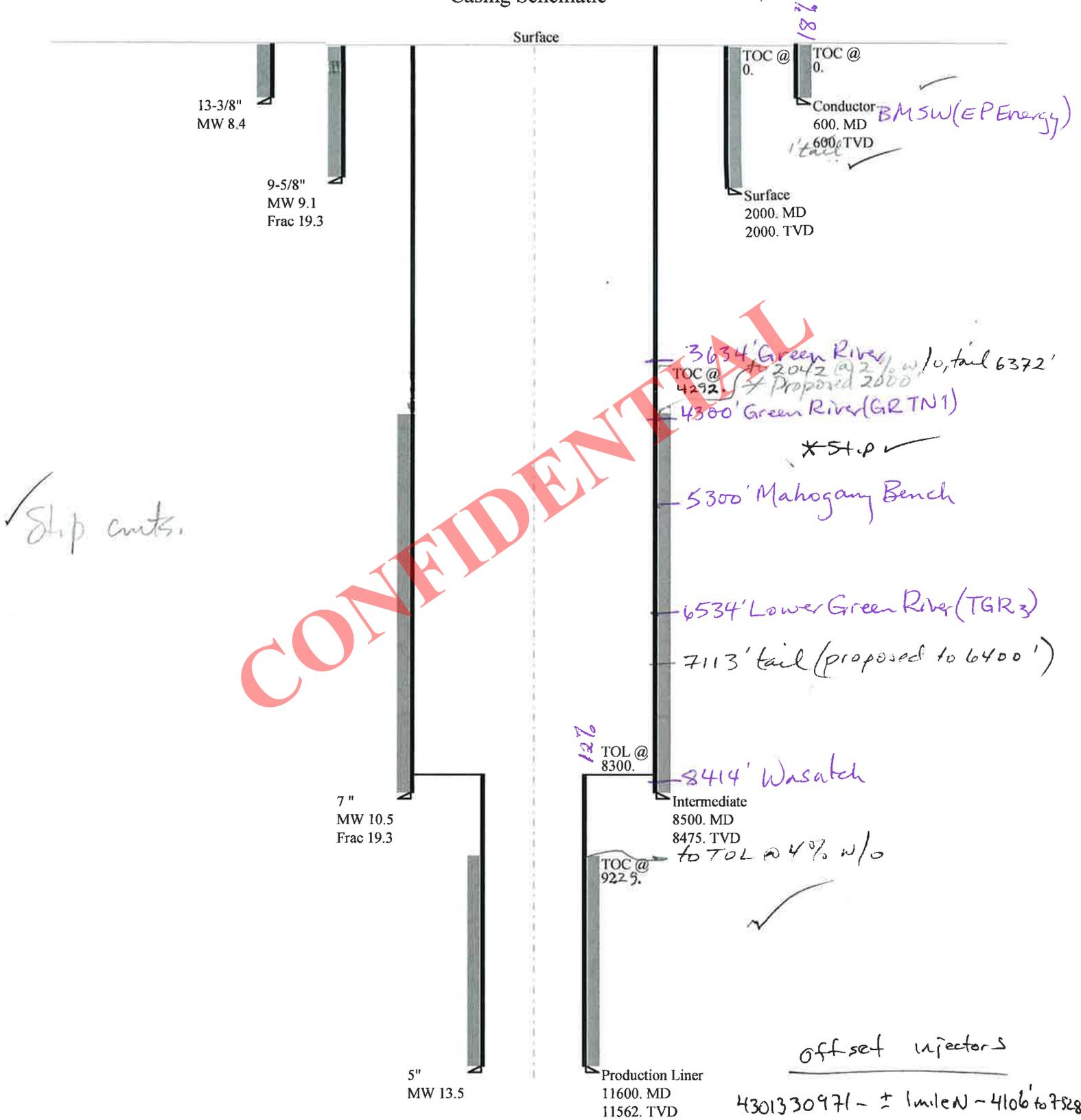
Calculations	Surf String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	946	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	706	YES <input type="checkbox"/> 4.5 x 13 3/8 rotating head
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	506	YES <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)=	638	NO <input type="checkbox"/> OK
Required Casing/BOPE Test Pressure=		2000	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=	4641	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3621	YES <input type="checkbox"/> 10 M BOPE w/rotating head, 5M annular, blind rams, mud
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2771	YES <input type="checkbox"/> cross
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3211	NO <input type="checkbox"/> OK
Required Casing/BOPE Test Pressure=		7854	psi
*Max Pressure Allowed @ Previous Casing Shoe=		2000	psi *Assumes 1psi/ft frac gradient

Calculations	L1 String	5.000	"
Max BHP (psi)	.052*Setting Depth*MW=	8143	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	6751	YES <input type="checkbox"/> 10 M BOPE w/rotating head, 5M annular, blind rams, mud
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	5591	YES <input type="checkbox"/> cross
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	7461	YES <input type="checkbox"/> OK
Required Casing/BOPE Test Pressure=		9758	psi
*Max Pressure Allowed @ Previous Casing Shoe=		8500	psi *Assumes 1psi/ft frac gradient

43013528110000 Van Wyck 2-24C5

Casing Schematic



Well name:	43013528110000 Van Wyck 2-24C5	
Operator:	EP ENERGY E&P COMPANY, LP.	
String type:	Conductor	Project ID: 43-013-52811
Location:	DUCHESNE COUNTY	

Design parameters:

Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Environment:

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

Burst:

Design factor 1.00

Cement top: Surface

Burst

Max anticipated surface pressure: 190 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 262 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 buoyed weight.
Neutral point: 525 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	7442
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	262	1130	4.317	262	2730	10.43	28.6	514	17.95 J

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

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

Date: March 17, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 600 ft, a mud weight of 8.4 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:	43013528110000 Van Wyck 2-24C5	
Operator:	EP ENERGY E&P COMPANY, LP.	
String type:	Surface	Project ID: 43-013-52811
Location:	DUCHESNE COUNTY	

Design parameters:

Collapse

Mud weight: 9.100 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 102 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Burst:

Design factor 1.00

Cement top: Surface

Burst

Max anticipated surface pressure: 1,760 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,000 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 buoyed weight.
Neutral point: 1,729 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 8,475 ft
Next mud weight: 10.500 ppg
Next setting BHP: 4,623 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,000 ft
Injection pressure: 2,000 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	2000	9.625	40.00	N-80	LT&C	2000	2000	8.75	25450
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	945	3090	3.268	2000	5750	2.87	69.2	737	10.65 J

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

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

Date: March 21, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2000 ft, a mud weight of 9.1 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:	43013528110000 Van Wyck 2-24C5	
Operator:	EP ENERGY E&P COMPANY, LP.	
String type:	Intermediate	Project ID: 43-013-52811
Location:	DUCHESNE COUNTY	

Design parameters:

Collapse

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

Burst

Max anticipated surface pressure: 5,565 psi
Internal gradient: 0.220 psi/ft
Calculated BHP: 7,430 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor: 1.125

Burst:

Design factor: 1.00

Tension:

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

Tension is based on buoyed weight.
Neutral point: 7,146 ft

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 193 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 4,292 ft

Directional well information:

Kick-off point: 3300 ft
Departure at shoe: 503 ft
Maximum dogleg: 2 °/100ft
Inclination at shoe: 5.7 °

Re subsequent strings:

Next setting depth: 11,563 ft
Next mud weight: 13.500 ppg
Next setting BHP: 8,109 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 8,475 ft
Injection pressure: 8,475 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	8500	7	29.00	HCP-110	LT&C	8475	8500	6.059	95987
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	4623	9200	1.990	7430	11220	1.51	206.7	797	3.86 J

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

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

Date: March 21, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8475 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.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

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

Well name:	43013528110000 Van Wyck 2-24C5	
Operator:	EP ENERGY E&P COMPANY, LP.	
String type:	Production Liner	Project ID: 43-013-52811
Location:	DUCHESNE COUNTY	

Design parameters:

Collapse

Mud weight: 13.500 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 5,565 psi
Internal gradient: 0.220 psi/ft
Calculated BHP: 8,108 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor: 1.125

Burst:

Design factor: 1.00

Tension:

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

Tension is based on buoyed weight.
Neutral point: 10,923 ft

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 236 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 9,229 ft

Liner top: 8,300 ft

Directional well information:

Kick-off point: 3300 ft
Departure at shoe: 761 ft
Maximum dogleg: 2 °/100ft
Inclination at shoe: 0 °

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	3299	5	18.00	HCP-110	ST-L	11562	11599	4.151	261305
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	8108	15360	1.894	8108	13940	1.72	47	341	7.26 J

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

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

Date: March 21, 2014
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 11562 ft, a mud weight of 13.5 ppg. The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator EP ENERGY E&P COMPANY, L.P.
Well Name Van Wyck 2-24C5
API Number 43013528110000 **APD No** 9307 **Field/Unit** ALTAMONT
Location: 1/4,1/4 NESE **Sec** 24 **Tw** 3.0S **Rng** 5.0W 2055 FSL 1029 FEL
GPS Coord (UTM) 551661 4450590 **Surface Owner** Sherrie Van Wyck

Participants

Sheri & Doug Van Wyck (surface owners); Kelsey Carter & Jay Van tassel (Landmen for EP energy); Jared Thacker (EP energy); Dennis Ingram (DOGM)

Regional/Local Setting & Topography

The Van Wyck 2-24C5 is proposed in northeastern Utah approximately 2.67 miles north of Duchesne along Highway 87, then west along an existing two track into the well pad. This well pad is proposed along the southern side of a west running, dry wash that leaves Blue Bench near Highway 87 and runs into the Duchesne River bottom to the west. The topography at the wellsite slopes to the north and west, having two shallow washes that enter from the east between corner numbers 3 and 2 and leave at corner number 1. Residential housing to the west along the eastern portion of the Duchesne River bottoms, also has the "Rocky Canal" along the eastern portion of the Flood plain approximately seven hundred feet to the west of the wellbore. That canal runs south along the Duchesne River corridor.

Surface Use Plan

Current Surface Use
Residential

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.06	Width 392 Length 465	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Cedar, rabbit brush, greasewood, bunch grass, shad scale; mule deer, coyote, rabbit, raccoon, squirrel and other smaller mammals, birds native to Duchesne River bottom.

Soil Type and Characteristics

Tan to light brown sandy loam with cobble rocks littering the surface.

Erosion Issues Y

Sedimentation Issues Y

Site Stability Issues N

Drainage Diversion Required? Y

Divert any and all drainages around location and tie them back into existing ditches to prevent erosion.

Berm Required? Y**Erosion Sedimentation Control Required? Y**

Diversion ditches or berms above southern portion of location and or reserve pit to prevent storm or run off waters from entering same.

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)	100 to 200	5
Distance to Surface Water (feet)	300 to 1000	2
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	Unknown	10
Final Score		42

1 Sensitivity Level

Characteristics / Requirements

Proposed off south side of location in cut measuring 110' wide by 150' long by 12' deep.

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

Other Observations / Comments

Landowners had hope to sub divide this surface for their children, well pad surface is unused rangeland, pipeline was proposed from the west but will change and run northeast onto Blue Bench. Surface owners and operator has entered into a landowner agreement, three shallow washes that have drained storm or snow melt westerly from the slopes cross this well pad.

Dennis Ingram
Evaluator

2/5/2014
Date / Time

Application for Permit to Drill Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
9307	43013528110000	LOCKED	OW	P	No
Operator	EP ENERGY E&P COMPANY, L.P.		Surface Owner-APD	Sherrie Van Wyck	
Well Name	Van Wyck 2-24C5		Unit		
Field	ALTAMONT		Type of Work	DRILL	
Location	NESE 24 3S 5W U 2055 FSL 1029 FEL GPS Coord (UTM) 551667E 4450585N				

Geologic Statement of Basis

El Paso proposes to set 600 feet of conductor and 1,500 feet of surface casing both of which will be cemented to surface. The surface and intermediate holes will be drilled utilizing fresh water mud. The estimated depth to the base of moderately saline ground water is 700 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 24. These wells probably produce water from the Uinta Formation and associated alluvium. Depths of the wells fall in the range of 35-370 feet. Depth is not listed for one well. The wells are listed as being used for irrigation, stock watering, municipal and domestic. The proposed drilling, casing and cement program should adequately protect the usable ground water in this area.

Brad Hill
APD Evaluator

3/4/2014
Date / Time

Surface Statement of Basis

A reserve pit has been proposed along the southern side of this location in ten to twenty feet of cut. If a reserve pit is utilized, pit spoils shall be placed above it and/or diversion ditches to prevent water from entering. The operator shall provide a smooth pit bottom and install a 20 mil synthetic liner in that pit to prevent fluids from migrating into potential ground waters. Any and all washes that cross this location shall be diverted and tied back into existing drainages to prevent new erosion issues.

A presite was scheduled and performed for the Van Wyck 2-24C5 to address issues regarding the construction and drilling of this well. There were two separate landowners listed as impacted by this location, both were contacted and invited to the presite meeting. EP Energy has submitted proof that they have entered into a signed landowner agreement with both the landowners.

Dennis Ingram
Onsite Evaluator

2/5/2014
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 20 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Pits	The reserve pit should be located on the south side of the location.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 1/24/2014

API NO. ASSIGNED: 43013528110000

WELL NAME: Van Wyck 2-24C5

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

PHONE NUMBER: 713 997-5038

CONTACT: Maria S. Gomez

PROPOSED LOCATION: NESE 24 030S 050W

Permit Tech Review:

SURFACE: 2055 FSL 1029 FEL

Engineering Review:

BOTTOM: 2055 FSL 1029 FEL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.20407

LONGITUDE: -110.39290

UTM SURF EASTINGS: 551667.00

NORTHINGS: 4450585.00

FIELD NAME: ALTAMONT

LEASE TYPE: 4 - Fee

LEASE NUMBER: Fee

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

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: STATE - 400 JU0708
- 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 139-85
- Effective Date: 3/11/2010
- Siting: 4 Producing LGGRV-WSTC Wells
- R649-3-11. Directional Drill

Comments: Presite Completed

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



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Van Wyck 2-24C5
API Well Number: 43013528110000
Lease Number: Fee
Surface Owner: FEE (PRIVATE)
Approval Date: 3/25/2014

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 139-85. The expected producing formation or pool is the GREEN RIVER(LWR)-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

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

General:

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

Conditions of Approval:

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

Cement volume for the 7" intermediate string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 2000' MD and tail at or near 6400' (above the Lower Green River TGR3 horizon) as indicated in the submitted drilling plan.

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

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



CONFIDENTIAL

Carol Daniels <caroldaniels@utah.gov>

NESE SEC 24 + 035 ROSW

Fwd: SPUD NOTICE FOR 20" CONDUCTOR VANWYCK 2-24C5

1 message

VAN WYCK

Alexis Huefner <alexishuefner@utah.gov>
To: Carol Daniels <caroldaniels@utah.gov>

Thu, Mar 27, 2014 at 9:28 AM

43 013 52811

Hi Carol,

Were you able to figure out what well this is for or should I email the operator?

Thanks,
Alexis

----- Forwarded message -----

From: **RLANDRIG008** <RLANDRIG008@epenergy.com>
Date: Wed, Mar 26, 2014 at 10:58 AM
Subject: SPUD NOTICE FOR 20" CONDUCTOR VANWYCK 2-24C5
To: Alexis Huefner <alexishuefner@utah.gov>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, Carol Daniels <caroldaniels@utah.org>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "Morales, Lisa" <Lisa.Morales@epenergy.com>, Maria Gomes <Maria.Gomes@epenergy.com>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>

THIS IS NOTICE OF INITIAL SPUDDING 20" CONDUCTOR ON THE FOLLOWING WELL.

VANWYCK 2-24C5

RIG : LEON ROSS BUCKET RIG # 35.

SPUD WAS 11:00 HRS 03/26/14.

RECEIVED

MAR 27 2014

DIV. OF OIL, GAS & MINING

LLOYD ROWELL / TOM SKALITZKY

EP ENERGY / PD 404

713-997-1290 (RIG)

435-823-1725 (CELL)

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.

—

Alexis Huefner
Division of Oil, Gas & Mining
Office Tech II
alexishuefner@utah.gov
801-538-5302

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: Van Wyck 2-24C5
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2055 FSL 1029 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 24 Township: 03.0S Range: 05.0W Meridian: U	9. API NUMBER: 43013528110000
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: 6/2/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
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	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
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	<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.
 EP plans to complete into the Wasatch. Please see attached for details.

Approved by the
 Utah Division of
 Oil, Gas and Mining
 May 29, 2014

Date: _____

By: *Derek Duff*

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 5/28/2014	

Van Wyck 2-24C5

Initial Completion

API # : 43013528110000

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

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

Completion Information (Wasatch Formation)

- | | |
|-----------------|--|
| Stage #1 | RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~10611' – 10945' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~140000 # of Power Prop 20/40. Total clean water volume is 118438 gals. |
| Stage #2 | RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~10234' – 10581' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~140000 # of TLC 20/40. Total clean water volume is 117876 gals. |
| Stage #3 | RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~9853' – 10177' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~155000 # of TLC 20/40. Total clean water volume is 126232 gals. |
| Stage #4 | RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~9580' – 9818' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~165000 # of TLC 20/40. Total clean water volume is 132442 gals. |
| Stage #5 | RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~9284' – 9546' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~165000 # of TLC 20/40. Total clean water volume is 132000 gals. |

Stage #6 RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~9018' – 9254' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~150000 # of TLC 20/40. Total clean water volume is 122678 gals.

Stage #7 RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~8695' – 8994' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~140000 # of TLC 20/40. Total clean water volume is 115579 gals.

Stimulation Summary

	Top Perf	Btm. Perf	Gross Interval	Plug Depth	Net Perf Length	Total Shots	Perf Intervals	Type of Prop	Lbs of Prop	Lbs/ft	Lbs of 100 Mesh	Gals of HCL (15%)	Gals of Clean H2O	Gals of Slurry
Stage #1	10,611	10,945	334	NA	23	69	17	Power Prop 20/40	140,000	419	3,000	5,000	118,438	130,145
Stage #2	10,234	10,581	347	10,591	23	69	17	TLC 20/40	140,000	403	3,000	5,000	117,876	129,540
Stage #3	9,853	10,177	324	10,187	23	69	17	TLC 20/40	155,000	478	3,000	5,000	126,232	138,595
Stage #4	9,580	9,818	238	9,828	23	69	14	TLC 20/40	165,000	693	3,000	5,000	132,442	145,270
Stage #5	9,284	9,546	262	9,556	23	69	16	TLC 20/40	165,000	630	3,000	5,000	132,000	144,829
Stage #6	9,018	9,254	236	9,264	23	69	17	TLC 20/40	150,000	636	3,000	5,000	122,678	134,808
Stage #7	8,695	8,994	299	9,004	23	69	17	TLC 20/40	140,000	468	3,000	5,000	115,579	127,243
Average per Stage			291		23	69	16		150,714	533	3,000	5,000	123,606	135,776
Totals per Well			2,040		161	483	115		1,055,000		21,000	35,000	865,245	950,430

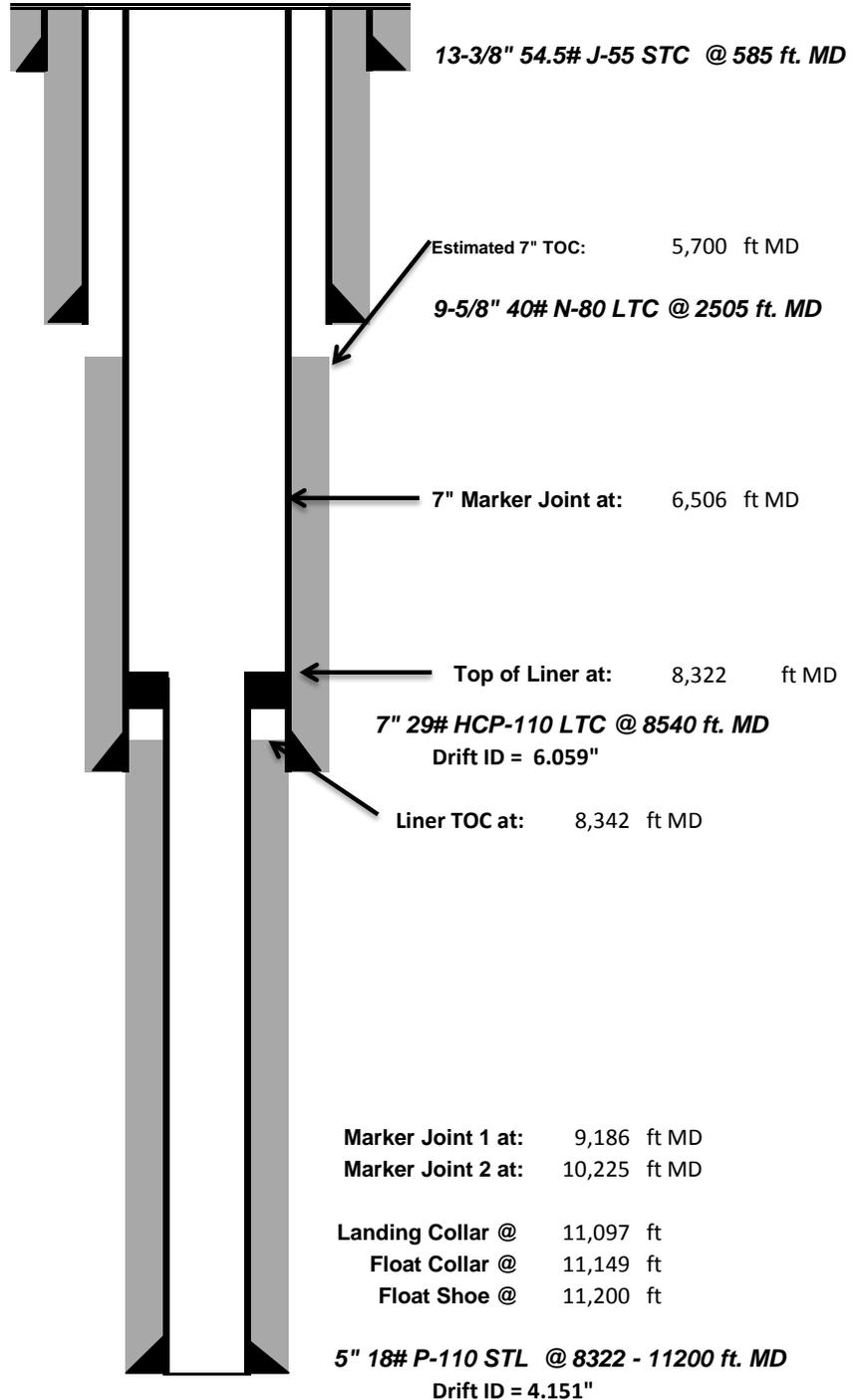


Pre-Completion Wellbore Schematic

Well Name: **Van Wyck 2-24C5**
 Company Name: **EP Energy**
 Field, County, State: **Altamont, Duchesne, UT**
 Surface Location: **Lat: 40 12' 14.538" N Long: 100 23' 36.030" W**
 Producing Zone(s): **Upper Wasatch**

Last Updated: **5/27/2014**
 By: **Mohammad Siddiqui**
 TD: **11200**
 API: **43013528110000**
 AFE: **160531**

8.43 ppg KCL substitute (Clay Webb Water) water in the wellbore



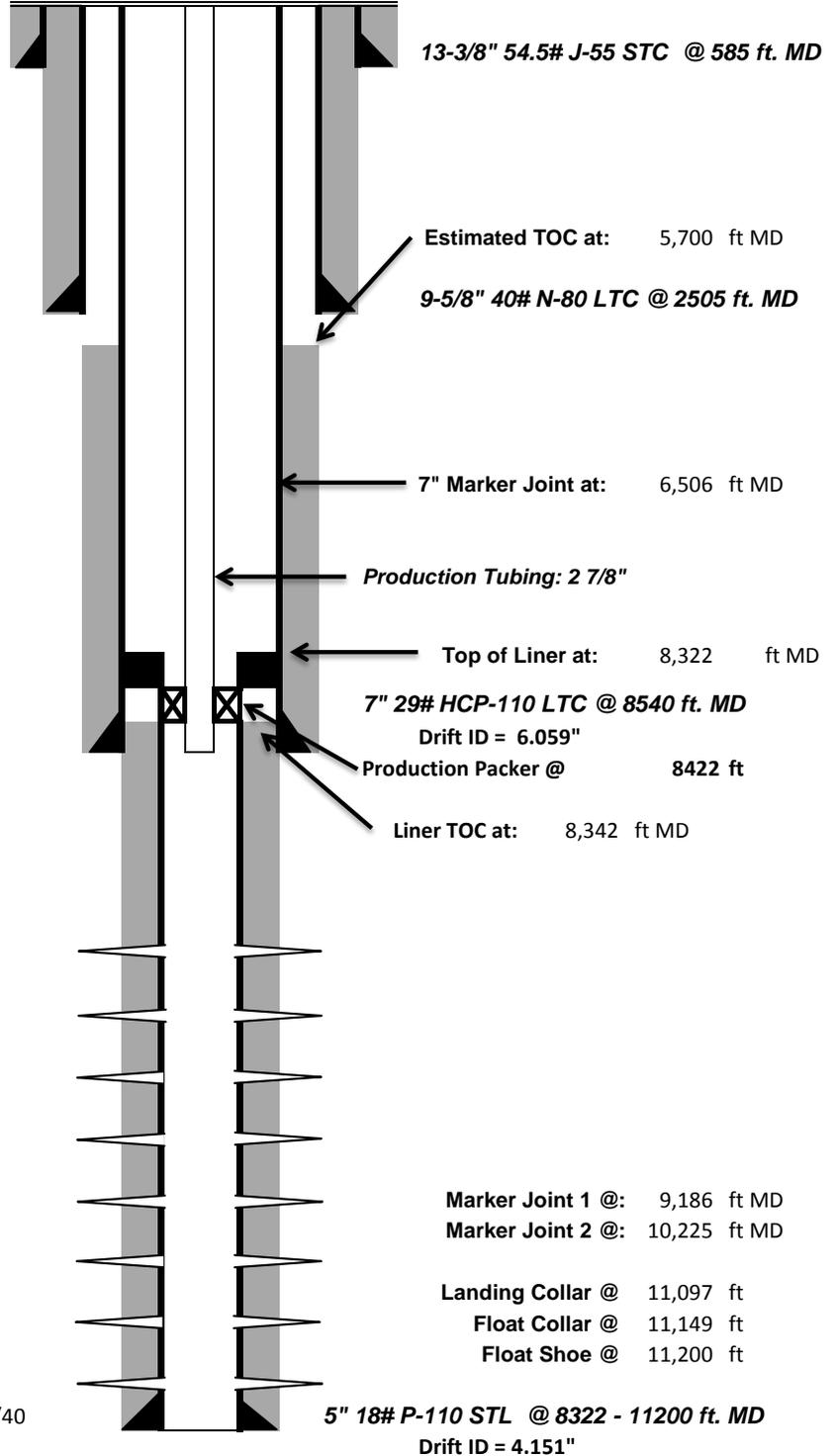


Post-Completion Wellbore Schematic

Well Name: **Van Wyck 2-24C5**
 Company Name: **EP Energy**
 Field, County, State: **Altamont, Duchesne, UT**
 Surface Location: **Lat: 40 12' 14.538" N Long: 100 23' 36.030" W**
 Producing Zone(s): **Upper Wasatch**

Last Updated: **5/27/2014**
 By: **Mohammad Siddiqui**
 TD: **11200**
 API: **4.30135E+13**
 AFE: **160531**

8.43 ppg KCL substitute (Clay Webb Water) water in the wellbore



Initial Completion Perf Information

- Stage #7** 8695 - 8994 23' /69 shots
5000 gal HCL & 140000 lbs TLC 20/40
- Stage #6** 9018 - 9254 23' /69 shots
5000 gal HCL & 150000 lbs TLC 20/40
- Stage #5** 9284 - 9546 23' /69 shots
5000 gal HCL & 165000 lbs TLC 20/40
- Stage #4** 9580 - 9818 23' /69 shots
5000 gal HCL & 165000 lbs TLC 20/40
- Stage #3** 9853 - 10177 23' /69 shots
5000 gal HCL & 155000 lbs TLC 20/40
- Stage #2** 10234 - 10581 23' /69 shots
5000 gal HCL & 140000 lbs TLC 20/40
- Stage #1** 10611 - 10945 23' /69 shots
5000 gal HCL & 140000 lbs Power Prop 20/40

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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		STATE: UTAH

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

**Approved by the
Utah Division of
Oil, Gas and Mining**
May 29, 2014

Date: _____

By: DeKQ

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 5/28/2014	

Van Wyck 2-24C5

Initial Completion

API # : 43013528110000

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

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

Completion Information (Wasatch Formation)

- | | |
|-----------------|--|
| Stage #1 | RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~10611' – 10945' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~140000 # of Power Prop 20/40. Total clean water volume is 118438 gals. |
| Stage #2 | RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~10234' – 10581' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~140000 # of TLC 20/40. Total clean water volume is 117876 gals. |
| Stage #3 | RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~9853' – 10177' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~155000 # of TLC 20/40. Total clean water volume is 126232 gals. |
| Stage #4 | RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~9580' – 9818' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~165000 # of TLC 20/40. Total clean water volume is 132442 gals. |
| Stage #5 | RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~9284' – 9546' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~165000 # of TLC 20/40. Total clean water volume is 132000 gals. |

Stage #6 RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~9018' – 9254' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~150000 # of TLC 20/40. Total clean water volume is 122678 gals.

Stage #7 RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~8695' – 8994' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~140000 # of TLC 20/40. Total clean water volume is 115579 gals.

Stimulation Summary

	Top Perf	Btm. Perf	Gross Interval	Plug Depth	Net Perf Length	Total Shots	Perf Intervals	Type of Prop	Lbs of Prop	Lbs/ft	Lbs of 100 Mesh	Gals of HCL (15%)	Gals of Clean H2O	Gals of Slurry
Stage #1	10,611	10,945	334	NA	23	69	17	Power Prop 20/40	140,000	419	3,000	5,000	118,438	130,145
Stage #2	10,234	10,581	347	10,591	23	69	17	TLC 20/40	140,000	403	3,000	5,000	117,876	129,540
Stage #3	9,853	10,177	324	10,187	23	69	17	TLC 20/40	155,000	478	3,000	5,000	126,232	138,595
Stage #4	9,580	9,818	238	9,828	23	69	14	TLC 20/40	165,000	693	3,000	5,000	132,442	145,270
Stage #5	9,284	9,546	262	9,556	23	69	16	TLC 20/40	165,000	630	3,000	5,000	132,000	144,829
Stage #6	9,018	9,254	236	9,264	23	69	17	TLC 20/40	150,000	636	3,000	5,000	122,678	134,808
Stage #7	8,695	8,994	299	9,004	23	69	17	TLC 20/40	140,000	468	3,000	5,000	115,579	127,243
Average per Stage			291		23	69	16		150,714	533	3,000	5,000	123,606	135,776
Totals per Well			2,040		161	483	115		1,055,000		21,000	35,000	865,245	950,430

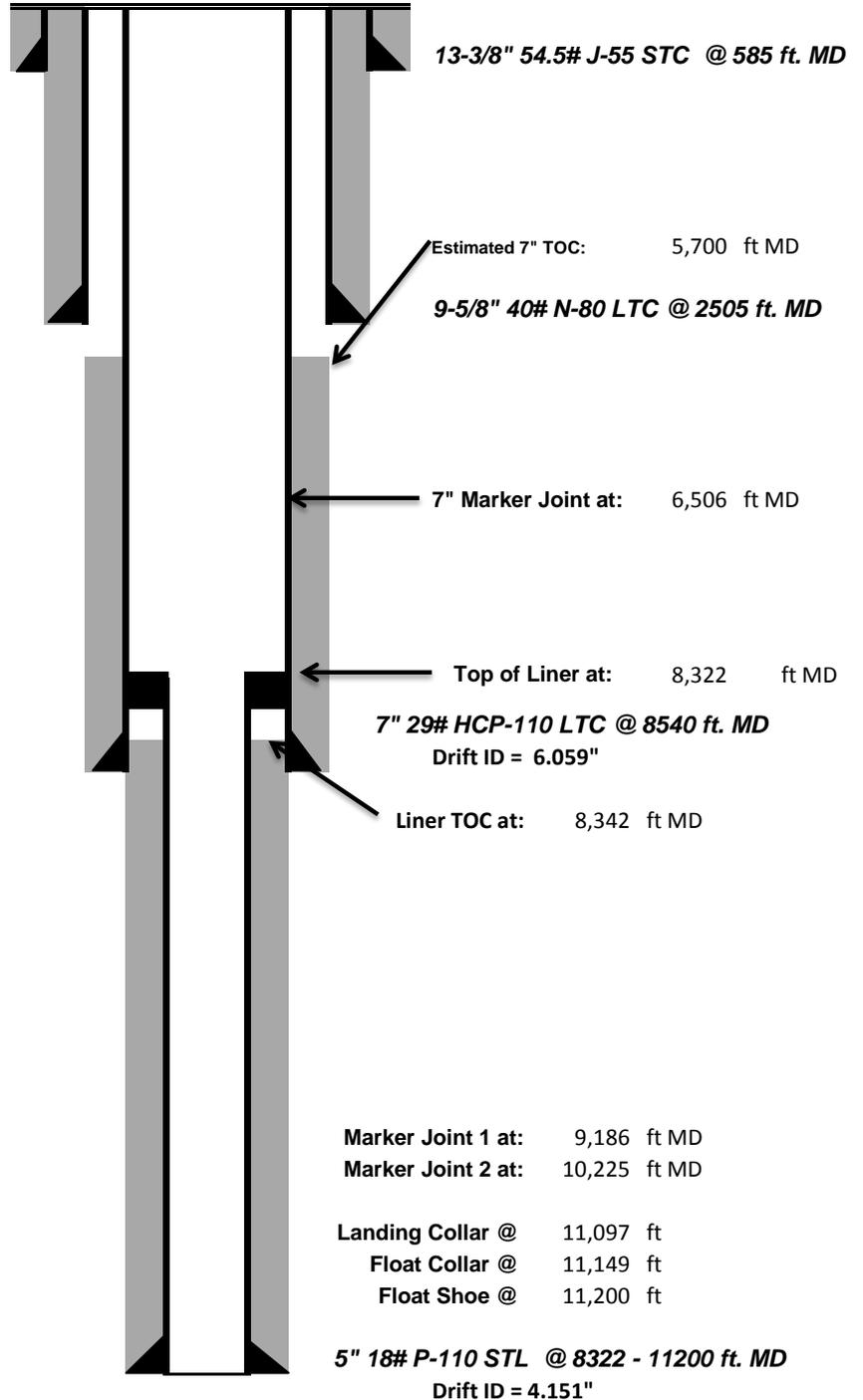


Pre-Completion Wellbore Schematic

Well Name: **Van Wyck 2-24C5**
 Company Name: **EP Energy**
 Field, County, State: **Altamont, Duchesne, UT**
 Surface Location: **Lat: 40 12' 14.538" N Long: 100 23' 36.030" W**
 Producing Zone(s): **Upper Wasatch**

Last Updated: **5/27/2014**
 By: **Mohammad Siddiqui**
 TD: **11200**
 API: **43013528110000**
 AFE: **160531**

8.43 ppg KCL substitute (Clay Webb Water) water in the wellbore



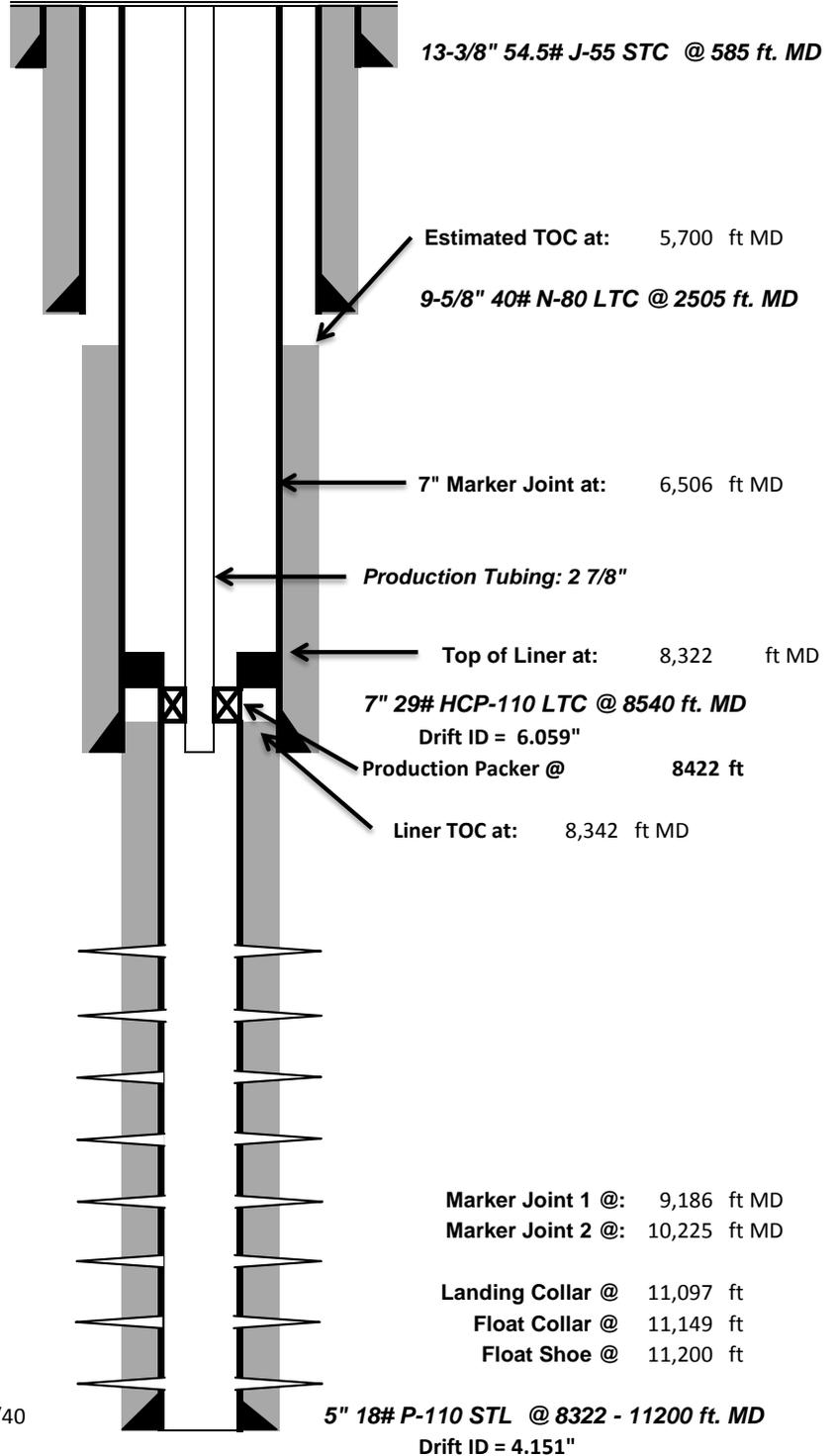


Post-Completion Wellbore Schematic

Well Name: **Van Wyck 2-24C5**
 Company Name: **EP Energy**
 Field, County, State: **Altamont, Duchesne, UT**
 Surface Location: **Lat: 40 12' 14.538" N Long: 100 23' 36.030" W**
 Producing Zone(s): **Upper Wasatch**

Last Updated: **5/27/2014**
 By: **Mohammad Siddiqui**
 TD: **11200**
 API: **4.30135E+13**
 AFE: **160531**

8.43 ppg KCL substitute (Clay Webb Water) water in the wellbore



Initial Completion Perf Information

- Stage #7** 8695 - 8994 23' /69 shots
5000 gal HCL & 140000 lbs TLC 20/40
- Stage #6** 9018 - 9254 23' /69 shots
5000 gal HCL & 150000 lbs TLC 20/40
- Stage #5** 9284 - 9546 23' /69 shots
5000 gal HCL & 165000 lbs TLC 20/40
- Stage #4** 9580 - 9818 23' /69 shots
5000 gal HCL & 165000 lbs TLC 20/40
- Stage #3** 9853 - 10177 23' /69 shots
5000 gal HCL & 155000 lbs TLC 20/40
- Stage #2** 10234 - 10581 23' /69 shots
5000 gal HCL & 140000 lbs TLC 20/40
- Stage #1** 10611 - 10945 23' /69 shots
5000 gal HCL & 140000 lbs Power Prop 20/40

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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG		5. LEASE DESIGNATION AND SERIAL NUMBER:
1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
b. TYPE OF WORK: NEW WELL <input type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME
2. NAME OF OPERATOR:		8. WELL NAME and NUMBER:
3. ADDRESS OF OPERATOR: CITY _____ STATE _____ ZIP _____ PHONE NUMBER: _____		9. API NUMBER:
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: AT TOP PRODUCING INTERVAL REPORTED BELOW: AT TOTAL DEPTH:		10 FIELD AND POOL, OR WILDCAT
		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
		12. COUNTY _____ 13. STATE UTAH

14. DATE SPUDDED:	15. DATE T.D. REACHED:	16. DATE COMPLETED: _____ ABANDONED <input type="checkbox"/> READY TO PRODUCE <input type="checkbox"/>	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 <input type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input type="checkbox"/> (Submit copy)	

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

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED

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					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS: All logs are submitted to UDOGM by vendor. <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> DST REPORT <input type="checkbox"/> DIRECTIONAL SURVEY <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION <input type="checkbox"/> CORE ANALYSIS <input type="checkbox"/> OTHER: _____	30. WELL STATUS:
--	------------------

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

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

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

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

Attachment to Well Completion Report**Form 8 Dated July 3, 2014****Well Name: Van Wyck 2-24C5****Items #27 and #28 Continued****27. Perforation Record**

Interval (Top/Bottom – MD)	Size	No. of Holes	Perf. Status
9282'-9543'	.43	69	Open
9015'-9251'	.43	69	Open
8690'-8992'	.43	69	Open

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

Depth Interval	Amount and Type of Material
9578'-9816'	5000 gal acid, 3000# 100 mesh, 165520# 20/40 TLC
9282'-9543'	5000 gal acid, 3000# 100 mesh, 165140# 20/40 TLC
9015'-9251'	5000 gal acid, 3000# 100 mesh, 150460# 20/40 TLC
8690'-8992'	5000 gal acid, 3000# 100 mesh, 137860# 20/40 TLC



Company: EP Energy
Well: Van Wyck 2-24C5
Location: Duchesne, UT
Rig: Precision 404

Job Number: _____
Mag Decl.: _____
Dir Driller: _____
MWD Eng: _____

Calculation Method Minimum Curvature
Proposed Azimuth 0.00
Depth Reference KB
Tie Into: Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')		
							N/S (ft)	E/W (ft)	Distance (ft)	Direction Azimuth					
Tie In	0.00	0.00	0.00												
1	100.00	0.18	164.02	100.00	100.00	-0.15	0.15	S	0.04	E	0.16	164.02	0.18	0.18	164.02
2	200.00	0.13	149.92	100.00	200.00	-0.41	0.41	S	0.15	E	0.43	160.27	0.06	-0.05	-14.10
3	300.00	0.20	160.25	100.00	300.00	-0.67	0.67	S	0.26	E	0.72	158.61	0.07	0.07	10.33
4	400.00	0.45	199.01	100.00	400.00	-1.21	1.21	S	0.19	E	1.23	170.86	0.32	0.25	38.76
5	500.00	0.31	216.93	100.00	500.00	-1.80	1.80	S	0.09	W	1.80	182.98	0.19	-0.15	17.92
6	600.00	0.43	248.65	100.00	599.99	-2.15	2.15	S	0.60	W	2.23	195.74	0.24	0.13	31.72
7	700.00	0.40	194.55	100.00	699.99	-2.62	2.62	S	1.04	W	2.82	201.70	0.38	-0.03	-54.10
8	800.00	0.62	210.54	100.00	799.99	-3.43	3.43	S	1.41	W	3.71	202.31	0.26	0.22	15.99
9	900.00	0.73	205.69	100.00	899.98	-4.48	4.48	S	1.96	W	4.89	203.66	0.12	0.11	-4.85
10	1000.00	1.19	206.40	100.00	999.97	-5.98	5.98	S	2.70	W	6.56	204.29	0.46	0.46	0.71
11	1100.00	1.44	218.92	100.00	1099.94	-7.89	7.89	S	3.95	W	8.82	206.60	0.37	0.24	12.53
12	1200.00	1.37	224.13	100.00	1199.91	-9.73	9.73	S	5.57	W	11.21	209.81	0.14	-0.06	5.21
13	1300.00	1.39	233.82	100.00	1299.88	-11.30	11.30	S	7.39	W	13.50	213.17	0.23	0.02	9.69
14	1400.00	1.49	222.07	100.00	1399.85	-12.98	12.98	S	9.24	W	15.93	215.43	0.31	0.10	-11.75
15	1500.00	1.77	224.49	100.00	1499.81	-15.05	15.05	S	11.19	W	18.75	216.63	0.29	0.28	2.42
16	1600.00	1.63	221.01	100.00	1599.76	-17.22	17.22	S	13.20	W	21.70	217.48	0.18	-0.14	-3.48
17	1700.00	1.74	228.80	100.00	1699.72	-19.29	19.29	S	15.28	W	24.61	218.37	0.26	0.12	7.79
18	1800.00	1.91	223.96	100.00	1799.67	-21.49	21.49	S	17.58	W	27.76	219.28	0.23	0.17	-4.84
19	1900.00	2.08	220.95	100.00	1899.61	-24.06	24.06	S	19.92	W	31.24	219.62	0.20	0.17	-3.01
20	2000.00	2.35	216.94	100.00	1999.53	-27.07	27.07	S	22.35	W	35.10	219.54	0.31	0.27	-4.02
21	2100.00	1.84	204.19	100.00	2099.47	-30.18	30.18	S	24.24	W	38.71	218.77	0.69	-0.51	-12.74
22	2200.00	1.86	210.26	100.00	2199.42	-33.05	33.05	S	25.72	W	41.88	217.88	0.20	0.02	6.07
23	2300.00	1.79	213.59	100.00	2299.36	-35.76	35.76	S	27.40	W	45.05	217.46	0.13	-0.07	3.32
24	2400.00	1.75	206.88	100.00	2399.32	-38.42	38.42	S	28.95	W	48.11	217.00	0.21	-0.05	-6.70
25	2500.00	1.96	198.99	100.00	2499.26	-41.39	41.39	S	30.20	W	51.24	216.11	0.33	0.21	-7.89
26	2667.00	2.68	188.30	167.00	2666.13	-47.95	47.95	S	31.69	W	57.48	213.46	0.50	0.43	-6.40
27	2760.00	1.38	214.53	93.00	2759.07	-51.03	51.03	S	32.64	W	60.57	212.60	1.68	-1.40	28.20
28	2853.00	1.70	229.76	93.00	2852.04	-52.84	52.84	S	34.33	W	63.01	213.01	0.56	0.34	16.38
29	2946.00	1.82	221.72	93.00	2944.99	-54.83	54.83	S	36.36	W	65.79	213.55	0.29	0.13	-8.65
30	3040.00	1.80	215.76	94.00	3038.95	-57.15	57.15	S	38.22	W	68.75	213.77	0.20	-0.02	-6.34
31	3133.00	1.92	201.15	93.00	3131.90	-59.78	59.78	S	39.63	W	71.73	213.54	0.52	0.13	-15.71
32	3226.00	0.75	176.74	93.00	3224.87	-61.84	61.84	S	40.16	W	73.74	213.00	1.37	-1.26	-26.25
33	3319.00	1.04	173.63	93.00	3317.86	-63.29	63.29	S	40.03	W	74.89	212.31	0.32	0.31	-3.34
34	3412.00	1.53	171.73	93.00	3410.84	-65.36	65.36	S	39.76	W	76.50	211.31	0.53	0.53	-2.04
35	3505.00	2.01	177.31	93.00	3503.79	-68.22	68.22	S	39.51	W	78.83	210.08	0.55	0.52	6.00



Company: EP Energy
Well: Van Wyck 2-24C5
Location: Duchesne, UT
Rig: Precision 404

Job Number: _____
Mag Decl.: _____
Dir Driller: _____
MWD Eng: _____

Calculation Method Minimum Curvature
Proposed Azimuth 0.00
Depth Reference KB
Tie Into: Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')		
							N/S (ft)	E/W (ft)	Distance (ft)	Direction Azimuth					
36	3598.00	2.17	175.10	93.00	3596.73	-71.60	71.60	S	39.28	W	81.67	208.75	0.19	0.17	-2.38
37	3692.00	0.47	205.92	94.00	3690.70	-73.72	73.72	S	39.30	W	83.54	208.06	1.90	-1.81	32.79
38	3784.00	0.44	208.61	92.00	3782.70	-74.37	74.37	S	39.63	W	84.27	208.05	0.04	-0.03	2.92
39	3877.00	0.87	216.05	93.00	3875.69	-75.25	75.25	S	40.22	W	85.33	208.12	0.47	0.46	8.00
40	3971.00	1.31	203.76	94.00	3969.67	-76.81	76.81	S	41.07	W	87.10	208.13	0.53	0.47	-13.07
41	4064.00	1.88	203.78	93.00	4062.64	-79.18	79.18	S	42.11	W	89.69	208.01	0.61	0.61	0.02
42	4157.00	2.04	199.39	93.00	4155.58	-82.14	82.14	S	43.28	W	92.84	207.78	0.24	0.17	-4.72
43	4250.00	0.44	284.95	93.00	4248.56	-83.61	83.61	S	44.17	W	94.56	207.85	2.21	-1.72	92.00
44	4343.00	0.82	243.11	93.00	4341.56	-83.82	83.82	S	45.11	W	95.19	208.29	0.62	0.41	-44.99
45	4436.00	1.16	216.89	93.00	4434.54	-84.87	84.87	S	46.27	W	96.67	208.60	0.60	0.37	-28.19
46	4529.00	1.20	208.73	93.00	4527.52	-86.48	86.48	S	47.30	W	98.57	208.68	0.19	0.04	-8.77
47	4622.00	1.39	205.61	93.00	4620.50	-88.35	88.35	S	48.26	W	100.67	208.64	0.22	0.20	-3.35
48	4715.00	1.47	198.60	93.00	4713.47	-90.50	90.50	S	49.13	W	102.97	208.49	0.21	0.09	-7.54
49	4809.00	1.23	189.09	94.00	4807.45	-92.64	92.64	S	49.67	W	105.11	208.20	0.35	-0.26	-10.12
50	4902.00	1.80	192.46	93.00	4900.41	-95.05	95.05	S	50.14	W	107.46	207.81	0.62	0.61	3.62
51	4995.00	2.52	191.00	93.00	4993.35	-98.48	98.48	S	50.85	W	110.83	207.31	0.78	0.77	-1.57
52	5088.00	0.75	256.90	93.00	5086.31	-100.63	100.63	S	51.83	W	113.19	207.25	2.49	-1.90	70.86
53	5181.00	1.17	242.86	93.00	5179.30	-101.20	101.20	S	53.27	W	114.36	207.76	0.51	0.45	-15.10
54	5274.00	1.68	225.23	93.00	5272.27	-102.59	102.59	S	55.08	W	116.44	208.23	0.72	0.55	-18.96
55	5367.00	1.96	225.55	93.00	5365.22	-104.67	104.67	S	57.18	W	119.27	208.65	0.30	0.30	0.34
56	5460.00	2.14	211.95	93.00	5458.16	-107.25	107.25	S	59.24	W	122.52	208.91	0.56	0.19	-14.62
57	5553.00	2.45	204.50	93.00	5551.09	-110.53	110.53	S	60.98	W	126.24	208.89	0.46	0.33	-8.01
58	5646.00	2.80	202.67	93.00	5643.99	-114.44	114.44	S	62.68	W	130.48	208.71	0.39	0.38	-1.97
59	5740.00	1.26	240.68	94.00	5737.93	-117.06	117.06	S	64.47	W	133.64	208.84	2.09	-1.64	40.44
60	5833.00	1.26	240.46	93.00	5830.91	-118.07	118.07	S	66.25	W	135.39	209.30	0.01	0.00	-0.24
61	5926.00	1.30	231.03	93.00	5923.89	-119.24	119.24	S	67.96	W	137.24	209.68	0.23	0.04	-10.14
62	6019.00	1.54	227.38	93.00	6016.86	-120.75	120.75	S	69.70	W	139.42	209.99	0.28	0.26	-3.92
63	6112.00	2.11	211.55	93.00	6109.81	-123.05	123.05	S	71.51	W	142.32	210.16	0.81	0.61	-17.02
64	6205.00	2.07	217.87	93.00	6202.75	-125.84	125.84	S	73.44	W	145.70	210.27	0.25	-0.04	6.80
65	6298.00	1.78	216.55	93.00	6295.70	-128.32	128.32	S	75.33	W	148.80	210.42	0.32	-0.31	-1.42
66	6391.00	2.13	206.52	93.00	6388.64	-131.03	131.03	S	76.96	W	151.96	210.43	0.52	0.38	-10.78
67	6484.00	2.62	207.02	93.00	6481.56	-134.47	134.47	S	78.70	W	155.81	210.34	0.53	0.53	0.54
68	6577.00	1.50	239.59	93.00	6574.50	-136.98	136.98	S	80.72	W	158.99	210.51	1.70	-1.20	35.02
69	6670.00	1.73	218.11	93.00	6667.47	-138.70	138.70	S	82.63	W	161.45	210.79	0.69	0.25	-23.10
70	6763.00	1.90	213.77	93.00	6760.42	-141.09	141.09	S	84.36	W	164.38	210.88	0.23	0.18	-4.67
71	6856.00	2.32	203.43	93.00	6853.36	-144.10	144.10	S	85.96	W	167.79	210.82	0.61	0.45	-11.12
72	6949.00	1.96	211.57	93.00	6946.29	-147.18	147.18	S	87.54	W	171.25	210.74	0.51	-0.39	8.75



Company: EP Energy
Well: Van Wyck 2-24C5
Location: Duchesne, UT
Rig: Precision 404

Job Number: _____
Mag Decl.: _____
Dir Driller: _____
MWD Eng: _____

Calculation Method Minimum Curvature
Proposed Azimuth 0.00
Depth Reference KB
Tie Into: Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')		
							N/S (ft)	E/W (ft)	Distance (ft)	Direction Azimuth					
73	7042.00	1.32	199.21	93.00	7039.25	-149.54	149.54	S	88.73	W	173.89	210.68	0.78	-0.69	-13.29
74	7135.00	1.77	182.15	93.00	7132.22	-151.99	151.99	S	89.13	W	176.20	210.39	0.69	0.48	-18.34
75	7228.00	1.05	209.10	93.00	7225.19	-154.17	154.17	S	89.60	W	178.32	210.16	1.03	-0.77	28.98
76	7321.00	1.20	213.68	93.00	7318.17	-155.73	155.73	S	90.56	W	180.14	210.18	0.19	0.16	4.92
77	7420.00	1.32	206.72	99.00	7417.15	-157.61	157.61	S	91.64	W	182.31	210.18	0.20	0.12	-7.03
78	7507.00	1.04	194.74	87.00	7504.13	-159.27	159.27	S	92.30	W	184.08	210.09	0.43	-0.32	-13.77
79	7600.00	1.85	196.66	93.00	7597.10	-161.52	161.52	S	92.94	W	186.35	209.92	0.87	0.87	2.06
80	7694.00	1.13	203.54	94.00	7691.07	-163.82	163.82	S	93.75	W	188.75	209.78	0.79	-0.77	7.32
81	7787.00	1.30	208.82	93.00	7784.05	-165.59	165.59	S	94.62	W	190.72	209.74	0.22	0.18	5.68
82	7880.00	1.78	201.32	93.00	7877.01	-167.86	167.86	S	95.65	W	193.20	209.68	0.56	0.52	-8.06
83	7973.00	1.96	197.29	93.00	7969.97	-170.72	170.72	S	96.65	W	196.18	209.52	0.24	0.19	-4.33
84	8066.00	1.58	189.31	93.00	8062.92	-173.51	173.51	S	97.33	W	198.94	209.29	0.49	-0.41	-8.58
85	8159.00	0.85	254.07	93.00	8155.90	-174.96	174.96	S	98.20	W	200.64	209.31	1.55	-0.78	69.63
86	8252.00	0.54	319.38	93.00	8248.90	-174.82	174.82	S	99.15	W	200.98	209.56	0.85	-0.33	70.23
87	8345.00	0.67	284.81	93.00	8341.89	-174.35	174.35	S	99.96	W	200.97	209.83	0.41	0.14	-37.17
88	8438.00	2.38	222.43	93.00	8434.86	-175.63	175.63	S	101.79	W	203.00	210.10	2.31	1.84	-67.08
89	8476.00	2.76	229.43	38.00	8472.82	-176.81	176.81	S	103.02	W	204.63	210.23	1.30	1.00	18.42
90	8600.00	2.86	226.04	124.00	8596.67	-180.90	180.90	S	107.51	W	210.43	210.72	0.16	0.08	-2.74
91	8700.00	3.21	215.33	100.00	8696.53	-184.91	184.91	S	110.93	W	215.63	210.96	0.67	0.36	-10.71
92	8800.00	3.73	203.70	100.00	8796.35	-190.17	190.17	S	113.85	W	221.65	210.91	0.87	0.51	-11.64
93	8900.00	3.80	200.90	100.00	8896.13	-196.25	196.25	S	116.34	W	228.14	210.66	0.20	0.08	-2.79
94	9000.00	3.95	202.60	100.00	8995.91	-202.52	202.52	S	118.85	W	234.82	210.41	0.18	0.14	1.69
95	9100.00	3.74	202.63	100.00	9095.68	-208.71	208.71	S	121.42	W	241.46	210.19	0.21	-0.21	0.04
96	9200.00	3.48	206.48	100.00	9195.48	-214.44	214.44	S	124.03	W	247.73	210.05	0.36	-0.26	3.84
97	9300.00	3.49	205.19	100.00	9295.30	-219.91	219.91	S	126.68	W	253.79	209.94	0.08	0.01	-1.28
98	9400.00	3.45	206.30	100.00	9395.11	-225.36	225.36	S	129.31	W	259.82	209.85	0.08	-0.05	1.11
99	9500.00	3.68	200.45	100.00	9494.92	-231.06	231.06	S	131.76	W	265.99	209.69	0.43	0.23	-5.85
100	9600.00	3.41	202.32	100.00	9594.73	-236.81	236.81	S	134.01	W	272.10	209.51	0.30	-0.27	1.87
101	9700.00	3.41	199.32	100.00	9694.55	-242.36	242.36	S	136.12	W	277.97	209.32	0.18	0.00	-3.00
102	9800.00	3.52	197.66	100.00	9794.37	-248.09	248.09	S	138.04	W	283.91	209.09	0.15	0.12	-1.66
103	9900.00	3.41	195.13	100.00	9894.19	-253.89	253.89	S	139.74	W	289.81	208.83	0.19	-0.11	-2.53
104	10000.00	3.37	197.14	100.00	9994.01	-259.57	259.57	S	141.39	W	295.58	208.58	0.12	-0.03	2.01
105	10100.00	3.33	196.57	100.00	10093.84	-265.17	265.17	S	143.08	W	301.31	208.35	0.05	-0.04	-0.56
106	10200.00	3.19	194.30	100.00	10193.68	-270.65	270.65	S	144.60	W	306.85	208.11	0.19	-0.14	-2.27
107	10300.00	3.17	196.36	100.00	10293.53	-275.99	275.99	S	146.06	W	312.26	207.89	0.12	-0.02	2.06
108	10400.00	3.29	193.52	100.00	10393.37	-281.43	281.43	S	147.51	W	317.75	207.66	0.20	0.12	-2.85
109	10500.00	2.95	182.91	100.00	10493.22	-286.79	286.79	S	148.31	W	322.87	207.35	0.67	-0.34	-10.61



Company: EP Energy
Well: Van Wyck 2-24C5
Location: Duchesne, UT
Rig: Precision 404
Job Number: _____
Mag Decl.: _____
Dir Driller: _____
MWD Eng: _____

Calculation Method Minimum Curvature
Proposed Azimuth 0.00
Depth Reference KB
Tie Into: Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Direction Azimuth			
110	10600.00	2.89	182.23	100.00	10593.09	-291.87	291.87 S	148.54 W	327.50	206.97	0.06	-0.05	-0.67
111	10700.00	3.11	186.22	100.00	10692.95	-297.09	297.09 S	148.93 W	332.33	206.62	0.30	0.21	3.99
112	10800.00	3.02	190.18	100.00	10792.81	-302.37	302.37 S	149.69 W	337.40	206.34	0.23	-0.09	3.96
113	10900.00	3.10	189.94	100.00	10892.67	-307.63	307.63 S	150.62 W	342.52	206.09	0.08	0.08	-0.24
114	11000.00	2.70	185.02	100.00	10992.54	-312.64	312.64 S	151.29 W	347.32	205.82	0.47	-0.40	-4.91
115	11089.00	2.74	182.75	89.00	11081.44	-316.84	316.84 S	151.58 W	351.23	205.57	0.13	0.04	-2.56
116	11200.00	2.74	182.75	111.00	11192.31	-322.13	322.13 S	151.83 W	356.12	205.24	0.00	0.00	0.00
117													
118													
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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: Van Wyck 2-24C5	
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002		9. API NUMBER: 43013528110000	
PHONE NUMBER: 713 997-5038 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2055 FSL 1029 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 24 Township: 03.0S Range: 05.0W 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: 8/13/2015 <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 checked="" 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.			
Upgraded tubing. Please see attached for details.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 09, 2015			
NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst	
SIGNATURE N/A		DATE 11/9/2015	

CENTRAL DIVISION

ALTAMONT FIELD
VAN WYCK 2-24C5
VAN WYCK 2-24C5
WORKOVER 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	VAN WYCK 2-24C5		
Project	ALTAMONT FIELD	Site	VAN WYCK 2-24C5
Rig Name/No.	NABORS DRILLING/1446	Event	WORKOVER LAND
Start date	8/10/2015	End date	8/14/2015
Spud Date/Time	4/9/2014	UWI	VAN WYCK 2-24C5
Active datum	KB @5,741.2ft (above Mean Sea Level)		
Afe No./Description	165285/54732 / VAN WYCK 2-24C5		

2 Summary**2.1 Operation Summary**

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
8/11/2015	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) NORM
	7:00 10:00	3.00	MIRU	01		P		ROAD RIG FROM 2-21C4 TO 2-24C5, SLIDE ROTA FLEX BACK, MIRU RIG, PUMP 40 BBLS HOT 2% DOWN CSG, BLED OFF TBG, UNSEAT PUMP, L/D 3-1" RODS
	10:00 11:00	1.00	PRDHEQ	06		P		R/U HOT OILER TO TBG, FLUSH RODS W/ 60 BBLS 2% KCL
	11:00 14:00	3.00	PRDHEQ	39		P		POOH W/ 96-1", 111-7/8", 110-3/4" EL RODS, L/D 16 - 1 1/2" K-BARS & 2 1/2" X 1 3/4" X 38' 60 RING PA PUMP, LAY DOWN 35-7/8' & 2-3/4" RODS FOR WEAR
	14:00 15:30	1.50	PRDHEQ	16		P		N/D B-FLANGE, N/U 10K X 5K SPOOL & 5K BOPS, R/U WORK FLOOR & TONGS, RELEASE 7" 1/4 TURN TAC
15:30 18:00	2.50	PRDHEQ	39		P		R/U SCANNERS, POOH SCANNING TBG W/ 88 JTS 2 7/8" L-80 TBG, SECURE WELL, SDFD.	
8/12/2015	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) HIGH PRESSURE LINES
	7:00 12:30	5.50	PRDHEQ	39		P		BLOW DOWN WELL, CONTINUE POOH W/ 158 JTS 2 7/8" L-80 TBG, 7" ANCHOR, 4 JTS 2 7/8" L-80 TBG. R/D SCANNERS, L/D & CLEAN BHA, 4' X 2 7/8" SUB, 2 7/8" PSN, 2' X 2 7/8" SUB, 5 1/2" PBGA, 2 JTS 2 7/8" & 5 3/4" SOLID NO/GO, HAD 185 YELLOW, 46 BLUE & 20 RED
	12:30 16:00	3.50	PRDHEQ	39		P		R/U HYDRO TESTER, RIH W/ 5 3/4" SOLID NO/GO, 4' X 2 7/8" PERF SUB & TESTING 183 JTS L-80 2 7/8" YELLOW BAND TBG, R/D HYDRO TESTER, NO LEAKS
	16:00 17:00	1.00	PRDHEQ	39		P		POOH W/ 123 JTS 2 7/8" YELLOW BAND TBG, SECURE WELL, SDFD.
8/13/2015	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) HOT OIL OPERATIONS
	7:00 8:00	1.00	PRDHEQ	39		P		BLOW DOWN WELL, POOH W/ 60 JTS L-80 TBG, 4' X 2 7/8" PERF SUB & 5 3/4" SOLID NO/GO.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	8:00 14:00	6.00	PRDHEQ	39		P		RIH W/ 5 3/4" SOLID NO/GO, 2 JTS 2 7/8" L-80 TBG, 5 1/2" PBGA, 2' X 2 7/8" N-80 SUB, 2 7/8" PSN, 4' X 2 7/8" SUB, 92 JTS 2 7/8" L-80 YELLOW BAND TBG, 2' X 2 7/8" SUB, P/U 80 JTS J-55 LINED TBG, 2' X 2 7/8" SUB, RIH W/ 12 JTS 2 7/8" L-80 YELLOW BAND TBG, POOH L/D 12 JTS 2 7/8", RUN TBG OUT OF DERRICK W/ 74 JTS 2 7/8" L-80 YELLOW BAND TBG, SET 7" TAC (ARROW SET PKR) IN 18,000 LBS TENSION.
	14:00 15:00	1.00	PRDHEQ	16		P		STEAM OFF BOPS, N/D BOPS, N/U B-FLANGE W/ 60' 3/8" CAP TUBE, X-0 TO ROD EQUIPMENT
	15:00 16:00	1.00	PRDHEQ	06		P		R/U HOT OILER, FLUSH TBG W/ 60 BBLS 2% KCL & 10 GALS CORROSION CHEM.
	16:00 18:00	2.00	PRDHEQ	39		P		P/U PRIME 2 1/2" X 1 3/4" X 40' ACCELERATED PUMP, RIH W/ PUMP, 16 - 1 1/2" K-BARS, 104-3/4" RODS, CHANGING THE TOP 50 3/4" BOXES TO SPRAY METAL, P/U 2-3/4" 6 GPR, P/U POLISH ROD, SECURE WELL, SDFD.
8/14/2015	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) DRIVING POLICES
	7:00 10:45	3.75	PRDHEQ	03		P		CONTINUE RIH P/U 18 NEW 7/8" RODS 6 GPR, RUN 57-7/8" RODS OUT OF DERRICK CHANGING OUT BOXES FOR SPRAY METAL BOXES, P/U 30 NEW 7/8" RODS (TOTAL OF 111-7/8"), RIH W/ 96- 1" RODS OUT OF DERRICK CHANGING THE BTM. 32 BOXES FOR SPRAY METAL BOXES, SPACE OUT W/ 2', 4', 6' X 1" PONY SUBS, P/U NEW 1 1/2" X 40' POLISH ROD SEAT PUMP @ 8036'
	10:45 11:15	0.50	PRDHEQ	18		P		R/U HOT OILER, FILL TBG W/ 15 BBLS, STROKE TEST PUMP TO 1000 PSI, GOOD TEST, FLUSH FLOWLINE W/ 10 BBLS
	11:15 13:00	1.75	RDMO	02		P		R/D RIG, SLIDE IN ROTA FLEX, HANG OFF RODS, TWOTO, MOVE OFF RIG

Table of Contents

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