

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 Flying Dutchman 1-24C5							
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') Jared Robinson						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-828-8007							
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') PO Box 920, 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		717 FNL 1280 FEL		NENE		24		3.0 S		5.0 W		U	
Top of Uppermost Producing Zone		717 FNL 1280 FEL		NENE		24		3.0 S		5.0 W		U	
At Total Depth		717 FNL 1280 FEL		NENE		24		3.0 S		5.0 W		U	
21. COUNTY DUCESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 717			23. NUMBER OF ACRES IN DRILLING UNIT 640							
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 3000			26. PROPOSED DEPTH MD: 11700 TVD: 11700							
27. ELEVATION - GROUND LEVEL 5846			28. BOND NUMBER 400JU0708			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Duchesne City							
Hole, Casing, and Cement Information													
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight			
COND	17.5	13.375	0 - 600	54.5	J-55 ST&C	8.8	Class G	758	1.15	15.8			
SURF	12.25	9.625	0 - 2500	40.0	N-80 LT&C	9.3	Type V	312	3.16	11.0			
							Class G	194	1.31	14.3			
I1	8.75	7	0 - 8800	29.0	HCP-110 LT&C	10.8	Class G	379	1.91	12.5			
							Class G	246	1.65	13.0			
L1	6.125	5	8600 - 11700	18.0	HCP-110 LT&C	12.5	Class G	184	1.47	14.2			
ATTACHMENTS													
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES													
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN							
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER							
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP							
NAME Maria S. Gomez				TITLE Principal Regulatory Analyst				PHONE 713 997-5038					
SIGNATURE				DATE 05/13/2014				EMAIL maria.gomez@epenergy.com					
API NUMBER ASSIGNED 43013529690000				APPROVAL  Permit Manager									

**Flying Dutchman 1-24C5
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)	3,863' TVD
Green River (GRTN1)	4,623' TVD
Mahogany Bench	5,513' TVD
L. Green River	6,813' TVD
Wasatch	8,703' TVD
T.D. (Permit)	11,700' TVD

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River (GRRV)	3,863' MD / TVD
	Green River (GRTN1)	4,623' MD / TVD
	Mahogany Bench	5,513' MD / TVD
Oil	L. Green River	6,813' MD / TVD
Oil	Wasatch	8,703' 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" Diverter Stack w/ Rotating Head 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 8,800' MD/TVD. A 10M BOP stack w/ rotating head, spacer spool, 5M annular, flex rams, blind rams & single w/ flex ram from 8,800' MD/TVD to TD (11,700' 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 # 406 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 (11,700' 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	8.8 – 9.3
Intermediate	WBM	9.4 – 10.8
Production	WBM	11.0 – 12.5

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 (11,700' 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 11,700' TVD equals approximately 7,605 psi. This is calculated based on a 0.65 psi/ft gradient (12.5 ppg mud density at TD).

Maximum anticipated surface pressure equals approximately 5,031 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 8,800' TVD = 7,040 psi

BOPE and casing design will be based on the lesser of the two MASPs which is 5,031 psi.

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

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	8800	29.00	HCP-110	LTC	11,220	9,750	797
PRODUCTION LINER	5'	8600	11700	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	EXTENDACEM SYSTEM: Type V Cement + 5 lbm/sk Silicalite Compacted + 0.25 lbm/sk Kwik Seal + 0.125 lbm/sk Poly-E-Flake + 8% Bentonite + 0.3% D-AIR 5000	312	75%	11.0 ppg	3.16
	Tail	500	HALCEM SYSTEM: Class G Cement + 3 lbm/sk Silicalite Compacted + 1% Salt + 0.3% Econolite + 0.25 lbm/sk Poly-E-Flake + 0.25 lbm/sk Kwik Seal + 0.35% HR-5 + 0.3% D-Air 5000	194	50%	14.3 ppg	1.31
INTERMEDIATE	Lead	4,400	EXPANDACEM SYSTEM: Class G Cement + 6% Bentonite + 0.2% Econolite + 0.3% Versaset + 0.7% HR-5 + 0.3% Super CBL + 0.2% Halad(R)-322 + 0.125 lbm/sk Poly-E-Flake	379	10%	12.5 ppg	1.91
	Tail	2,400	BONDCEM SYSTEM: Class G Cement + 4% Bentonite + 0.25 Poly-E-Flake + 0.1% Halad-413 + 5 lb/sk Silicalite Compacted + 0.15% SA-1015 + 0.5% HR-5	246	10%	13.0 ppg	1.65
PRODUCTION LINER		3,100	EXTENDACEM SYSTEM: Class G Cement + 0.3% Super CBL + 0.6% SCR-100 + 0.3% Halad-413 + 0.125 lbm/sk Poly-E-Flake + 3 lbm/sk Silicalite Compacted + 20% SSA-1 + 0.1% SA-1015	184	25%	14.20	1.47

FLOAT EQUIPMENT & CENTRALIZERS	
CONDUCTOR	PDC drillable guide shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing.
SURFACE	PDC drillable guide shoe, 1 joint casing, PDC drillable float collar & Stage collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing & every 3rd joint thereafter.
INTERMEDIATE	PDC drillable 10M,P-110 float shoe, 1 joint, PDC drillable 10M, P-110 float collar. Thread lock all float equipment. Maker joint at 6,800'.
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.
FLYING DUTCHMAN 1-24C5
SECTION 24, T3S, R5W, U.S.B.&M.

PROCEED NORTH ON PAVED STATE HIGHWAY 87 FROM THE INTERSECTION OF HIGHWAY 87 WITH U.S. HIGHWAY 40 IN DUCHESNE, UTAH APPROXIMATELY 3.51 MILES TO AN INTERSECTION AND THE BEGINNING OF THE PROPOSED ACCESS ROAD;

TURN LEFT AND FOLLOW ROAD FLAGS WEST AND THEN SOUTH 0.20 MILES TO THE PROPOSED LOCATION;

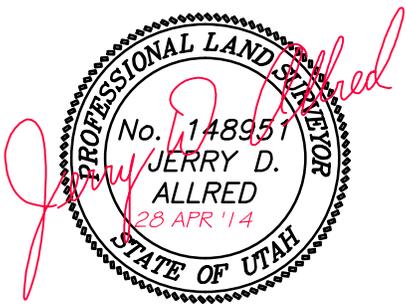
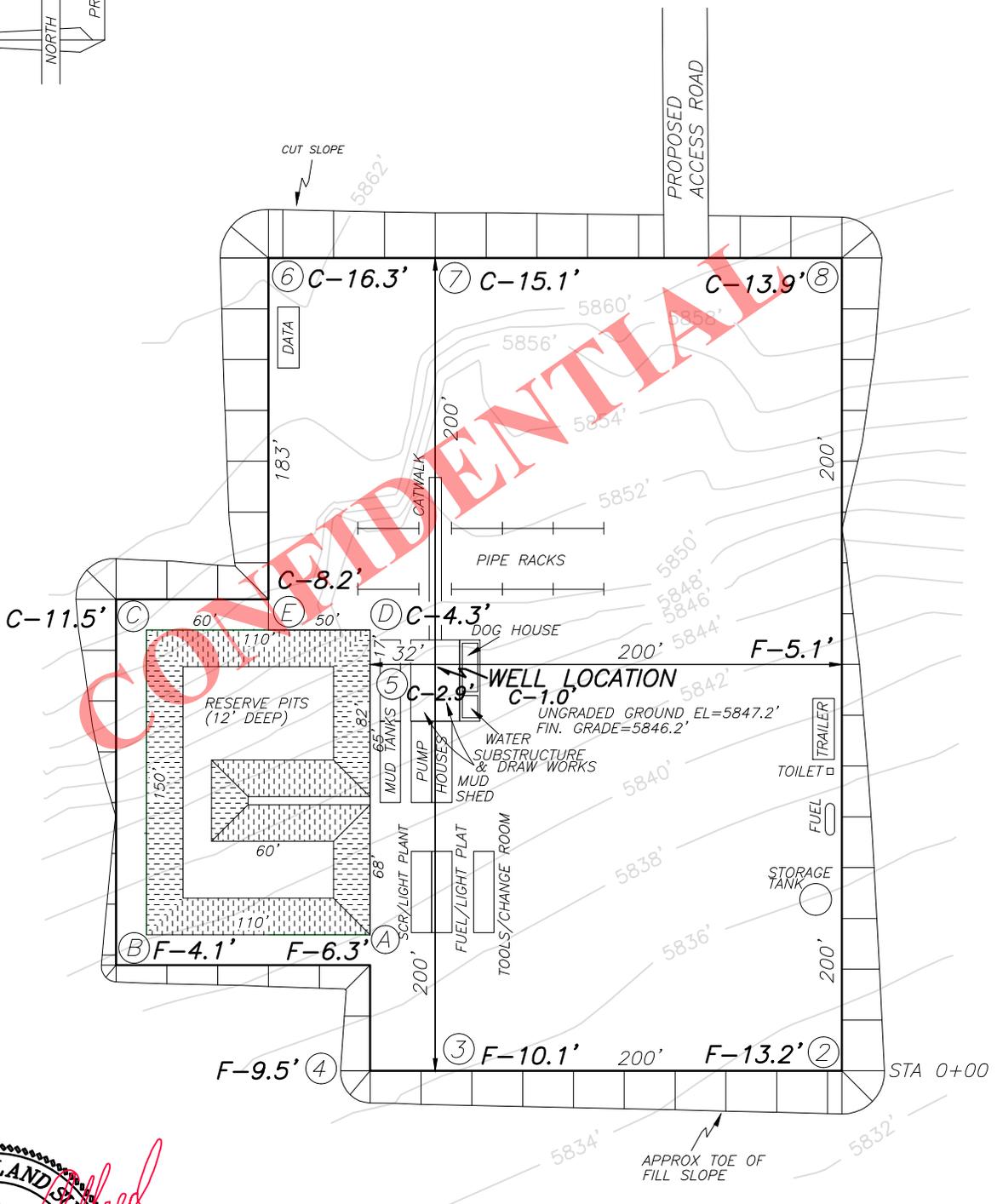
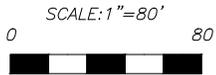
TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 3.71 MILES.

CONFIDENTIAL

EP ENERGY E&P COMPANY, L.P.

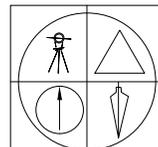
FIGURE #1

LOCATION LAYOUT FOR
FLYING DUTCHMAN 1-24C5
SECTION 24, T3S, R5W, U.S.B.&M.
717' FNL, 1280' FEL



REV 28 APR 2014
REV 22 MAR 2014

01-128-353



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

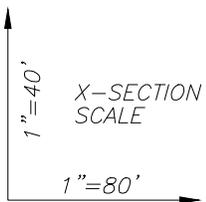
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

RECEIVED: May 13, 2014

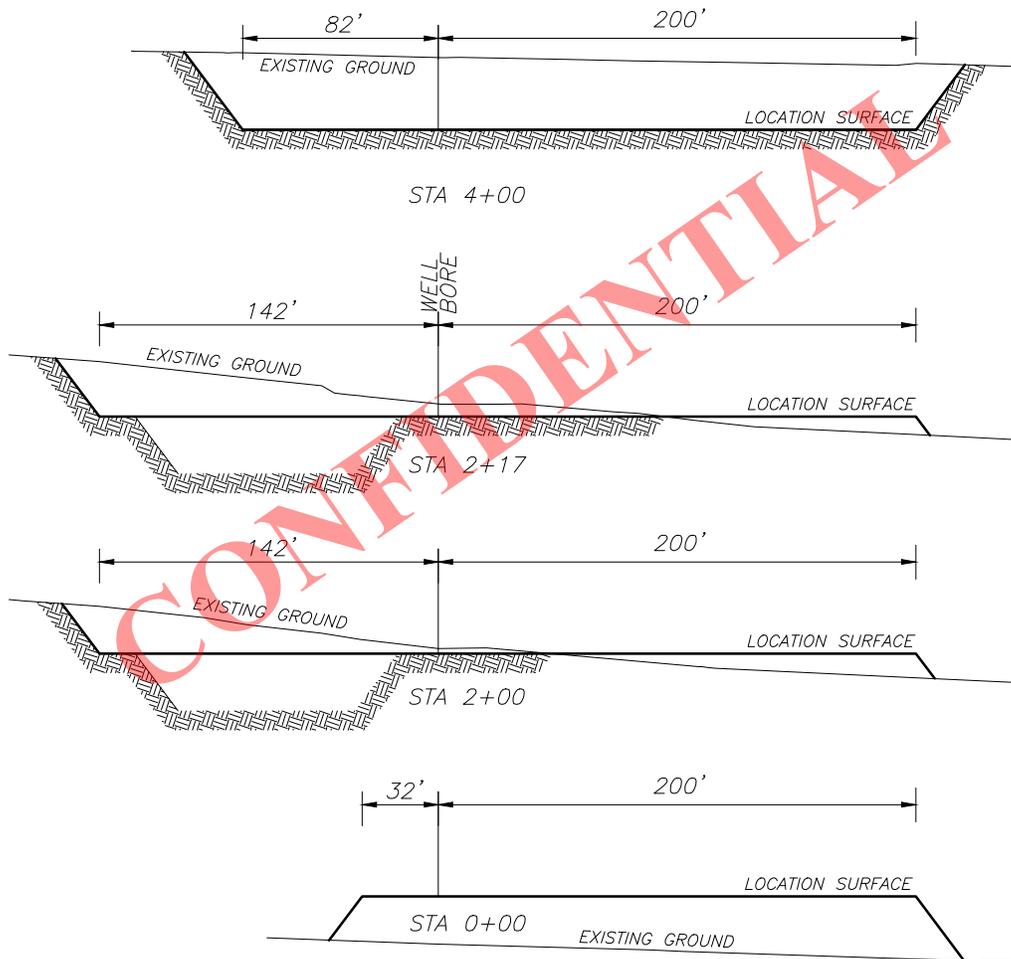
EP ENERGY E&P COMPANY, L.P.

FIGURE #2

LOCATION LAYOUT FOR FLYING DUTCHMAN 1-24C5 SECTION 24, T3S, R5W, U.S.B.&M. 717' FNL, 1280' FEL



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



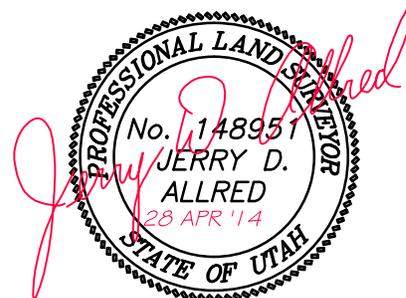
APPROXIMATE YARDAGES

TOTAL CUT = 28,979 CU. YDS.

PIT CUT = 4955 CU. YDS.
TOPSOIL STRIPPING: (6") = 2750 CU. YDS.
REMAINING LOCATION CUT = 21,274 CU. YDS

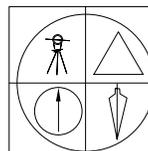
TOTAL FILL = 17,183 CU. YDS.

LOCATION SURFACE GRAVEL=1180 CU. YDS. (4" DEEP)
ACCESS ROAD GRAVEL=218 CU. YDS.



REV 28 APR 2014
REV 22 MAR 2014

01-128-353



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SURVEYING CONSULTANTS

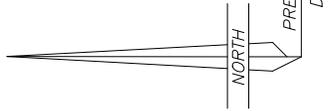
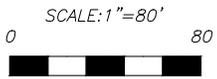
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EP ENERGY E&P COMPANY, L.P.

FIGURE #3

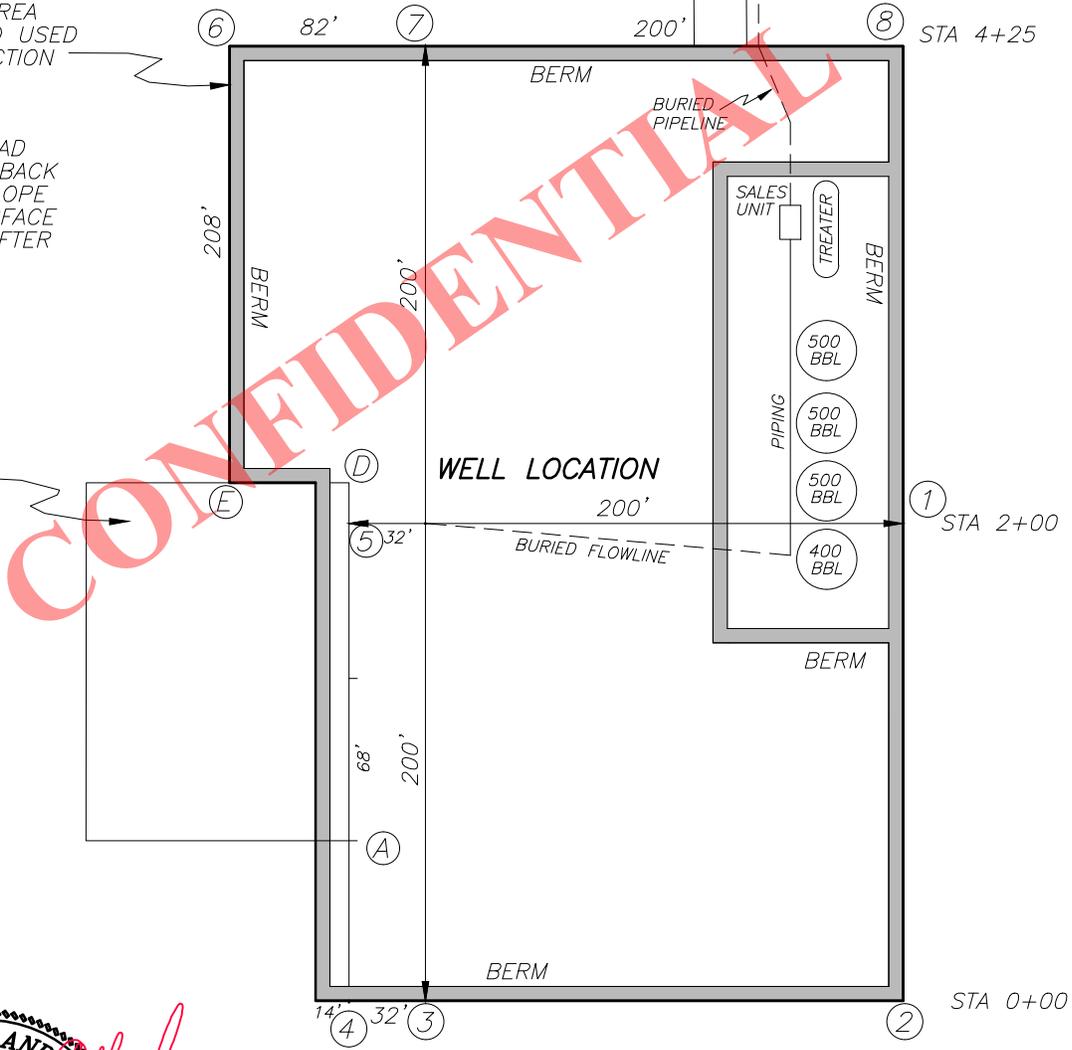
LOCATION LAYOUT FOR
 FLYING DUTCHMAN 1-24C5
 SECTION 24, T3S, R5W, U.S.B.&M.
 717' FNL, 1280' FEL



WELL PAD AREA BERMED AND USED FOR PRODUCTION

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

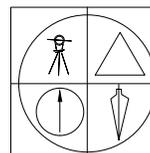
PIT AREA REGRADED BACK TO SLOPE FOR INTERIM RECLAMATION



Jerry D. Allred
 PROFESSIONAL LAND SURVEYOR
 No. 148951
 JERRY D. ALLRED
 28 APR '14
 STATE OF UTAH

REV 28 APR 2014
 REV 22 MAR 2014

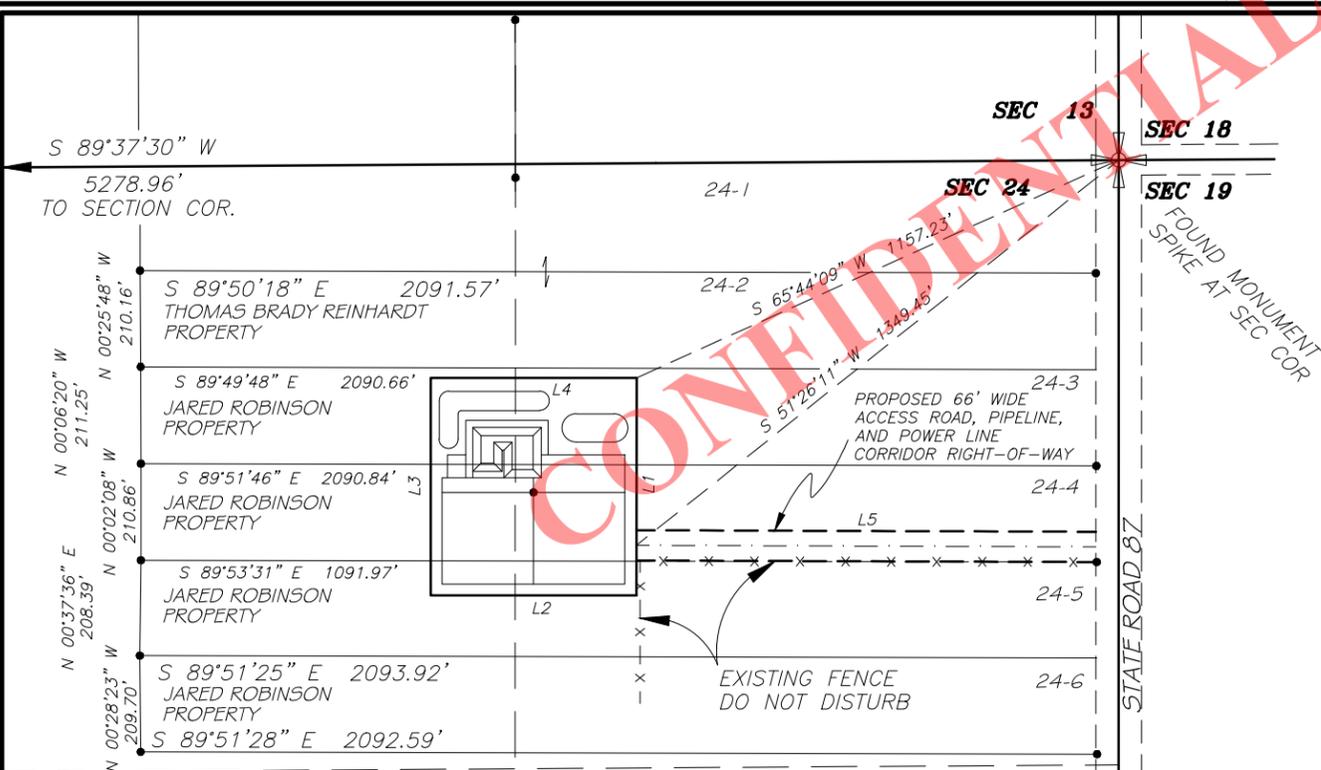
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JERRY D. ALLRED & ASSOCIATES
 SURVEYING CONSULTANTS
 1235 NORTH 700 EAST--P.O. BOX 975
 DUCHESNE, UTAH 84021
 (435) 738-5352

RECEIVED: May 13, 2014

LOCATION USE AREA AND ACCESS ROAD, POWER LINE, AND PIPELINE
CORRIDOR RIGHT-OF-WAY SURVEY FOR
EP ENERGY E&P COMPANY, L.P.
FLYING DUTCHMAN 1-24C5
SECTION 24, T3S, R5W, U.S.B.&M.
DUCHESNE COUNTY, UTAH



USE AREA BOUNDARY DESCRIPTION

Commencing at the NE Corner of Section 24, Township 3 South, Range 5 West, of the Uintah Special Base and Meridian;
Thence South 65°44'09" West 1157.23 feet to the TRUE POINT OF BEGINNING;
Thence South 00°01'28" West 475.00 feet;
Thence North 90°00'00" West 450.35 feet;
Thence North 00°00'00" East 475.00 feet;
Thence South 90°00'00" East 450.56 feet to the TRUE POINT OF BEGINNING, containing 4.91 acres.

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

A 66 feet wide access road, pipeline, and power line corridor right-of-way over portions of Section 24, Township 3 South, Range 5 West of the Uintah Special Base and Meridian, the centerline of which is further described as;
Commencing at the NE Corner of said Section 24;
Thence South 51°26'11" West 1349.45 feet to the TRUE POINT OF BEGINNING, said point being on the East line of the E.P. Energy E&P Co. Flying Dutchman 1-24C5, Use Area Boundary;
Thence South 89°48'28" East 1004.98 feet to the West Right-of-Way line of State Highway 87. Said right-of-way being 1004.98 feet in length, with the sidelines being shortened or elongated to intersect said use boundary and existing road right-of-way lines.

EP ENERGY E&P COMPANY, L.P.
SURFACE USE AREA
FLYING DUTCHMAN 1-24C5
4.91 ACRES

SW¼
NE¼

SE¼
NE¼

SURVEYOR'S CERTIFICATE

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

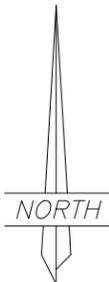


Jerry D. Allred, Professional Land Surveyor,
Certificate 148951 (Utah)

THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT

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

LINE	BEARING	DISTANCE
L1	S 00°01'29" W	475.00'
L2	N 90°00'00" W	450.35'
L3	N 00°00'00" E	475.00'
L4	N 90°00'00" E	450.56'
L5	S 89°48'28" E	1004.98'



SCALE: 1"=400'

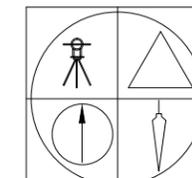
LEGEND AND NOTES

- OHP — EXISTING POWER LINES
- FOUND LOT CORNER REBAR

SEC 24 SEC 19
SEC 25 SEC 30

FOUND DUCHESNE CO.
MONUMENT AT SEC.
COR.

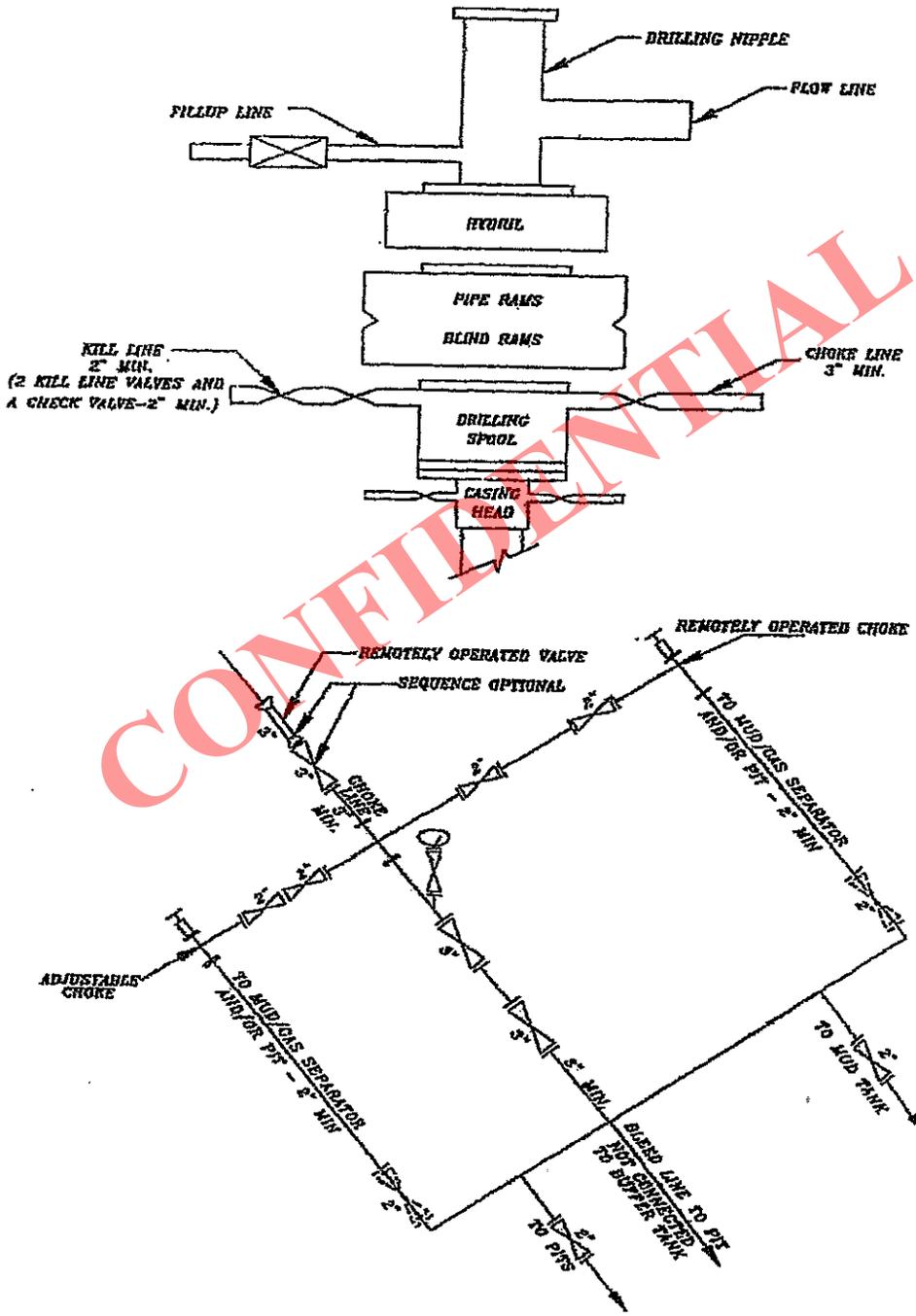
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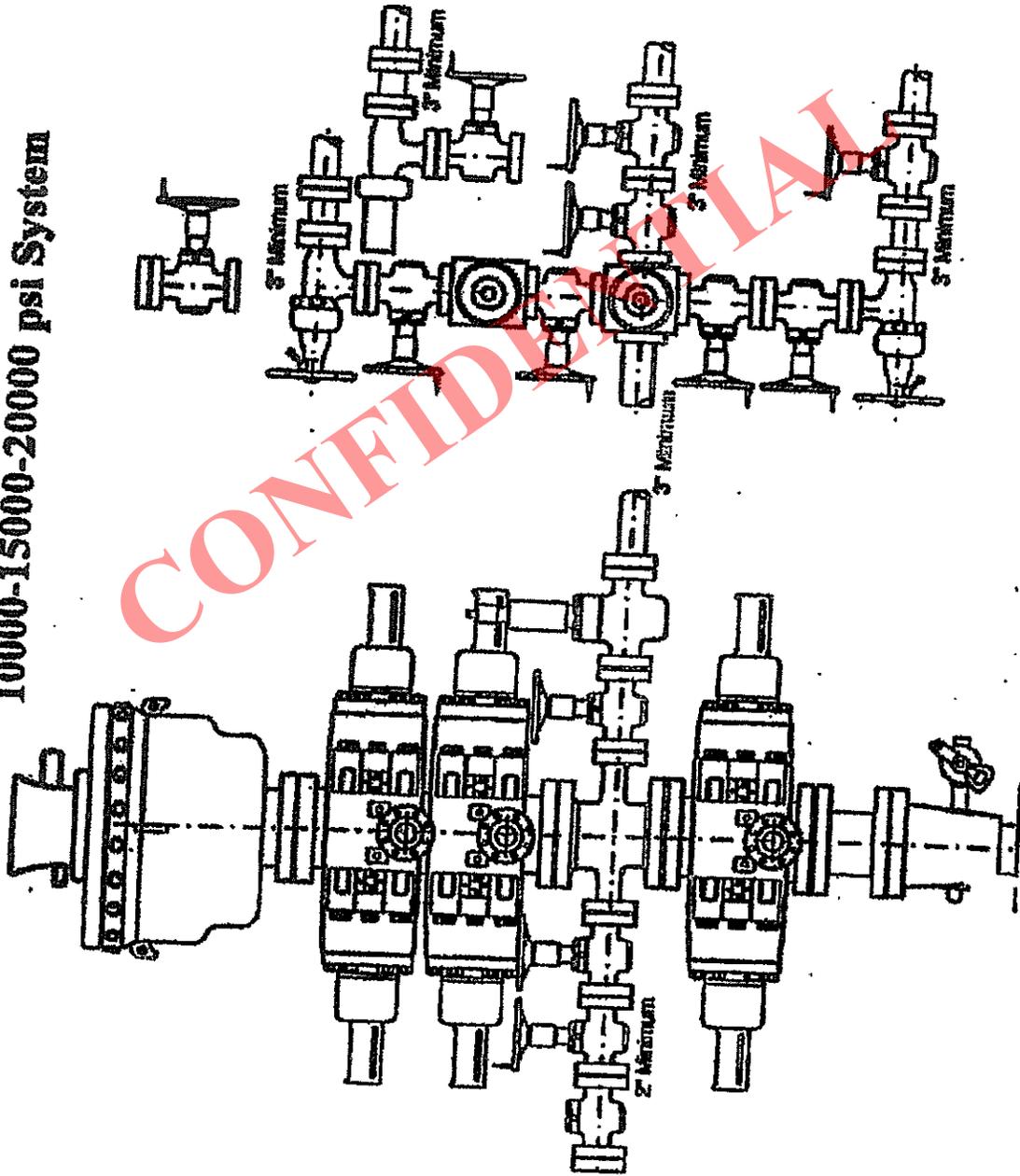
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5M BOP STACK and CHOKE MANIFOLD SYSTEM



10000-15000-20000 psi System

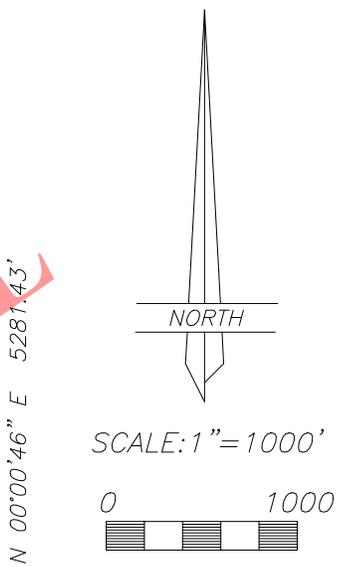
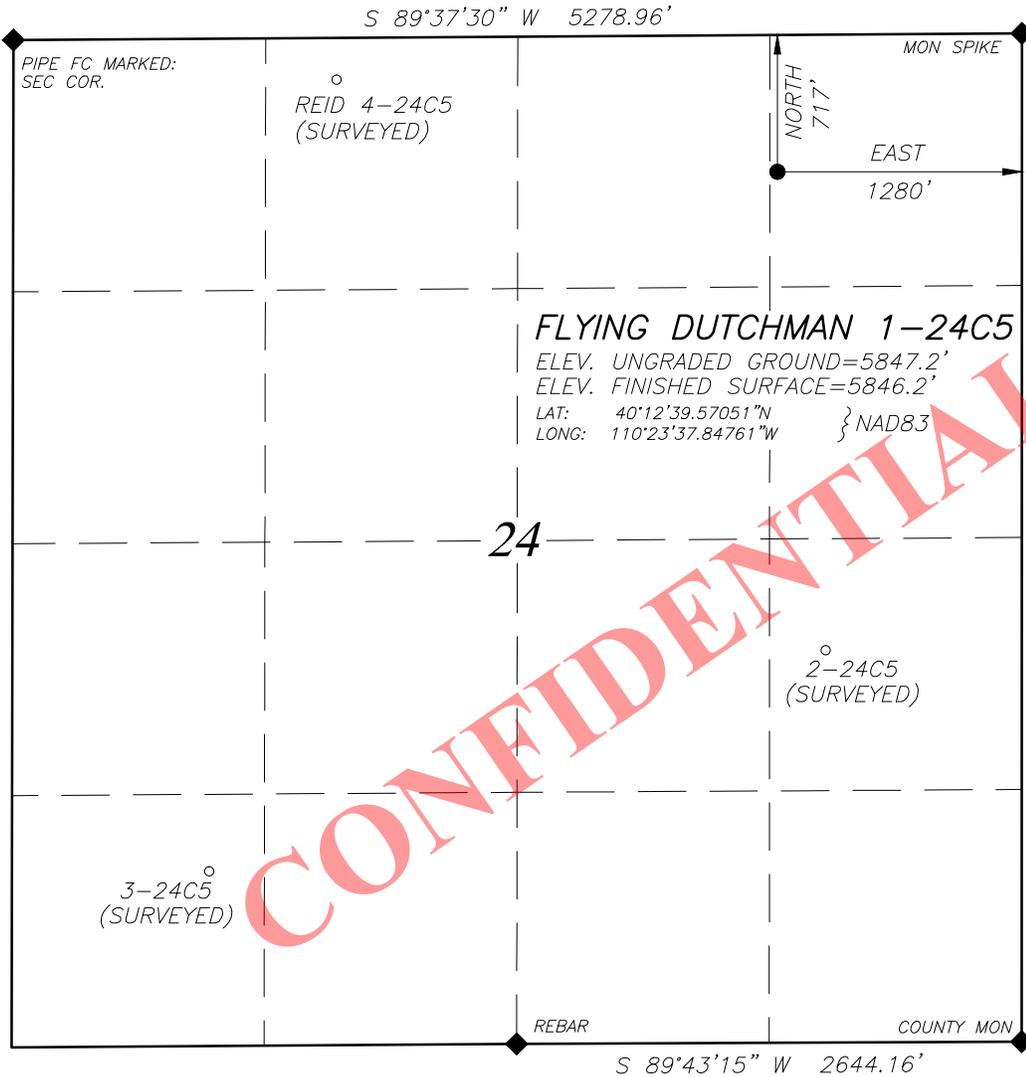


EP ENERGY E&P COMPANY, L.P.

WELL LOCATION

FLYING DUTCHMAN 1-24C5

LOCATED IN THE NE¹/₄ OF THE NE¹/₄ OF SECTION 24, T3S, R5W, U.S.B.&M. DUCHESNE COUNTY, UTAH

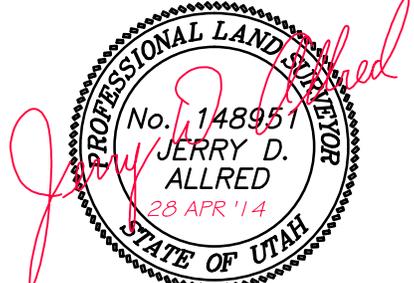


NOTE:
 NAD27 VALUES FOR WELL POSITION:
 LAT: 40.21103488° N
 LONG: 110.39313548° W

CONFIDENTIAL

SURVEYOR'S CERTIFICATE

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



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

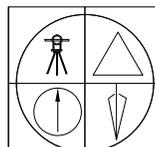
LEGEND AND NOTES

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

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

REV 28 APR 2014
 REV 22 MAR 2014

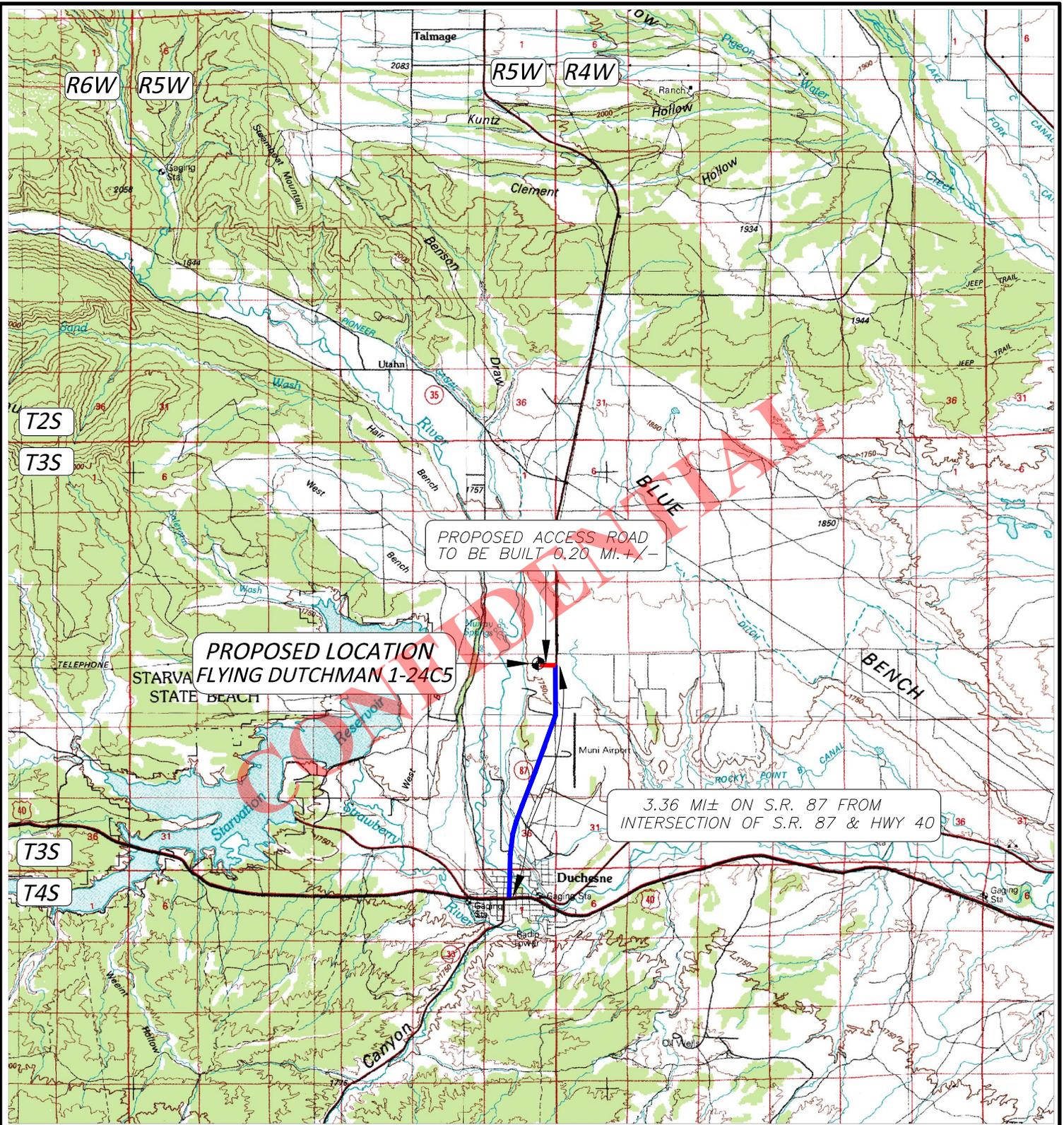
01-128-353



JERRY D. ALLRED & ASSOCIATES
 SURVEYING CONSULTANTS

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

RECEIVED: May 13, 2014



LEGEND:

 PROPOSED WELL LOCATION

REV 01-128-353

JERRY D. ALLRED & ASSOCIATES
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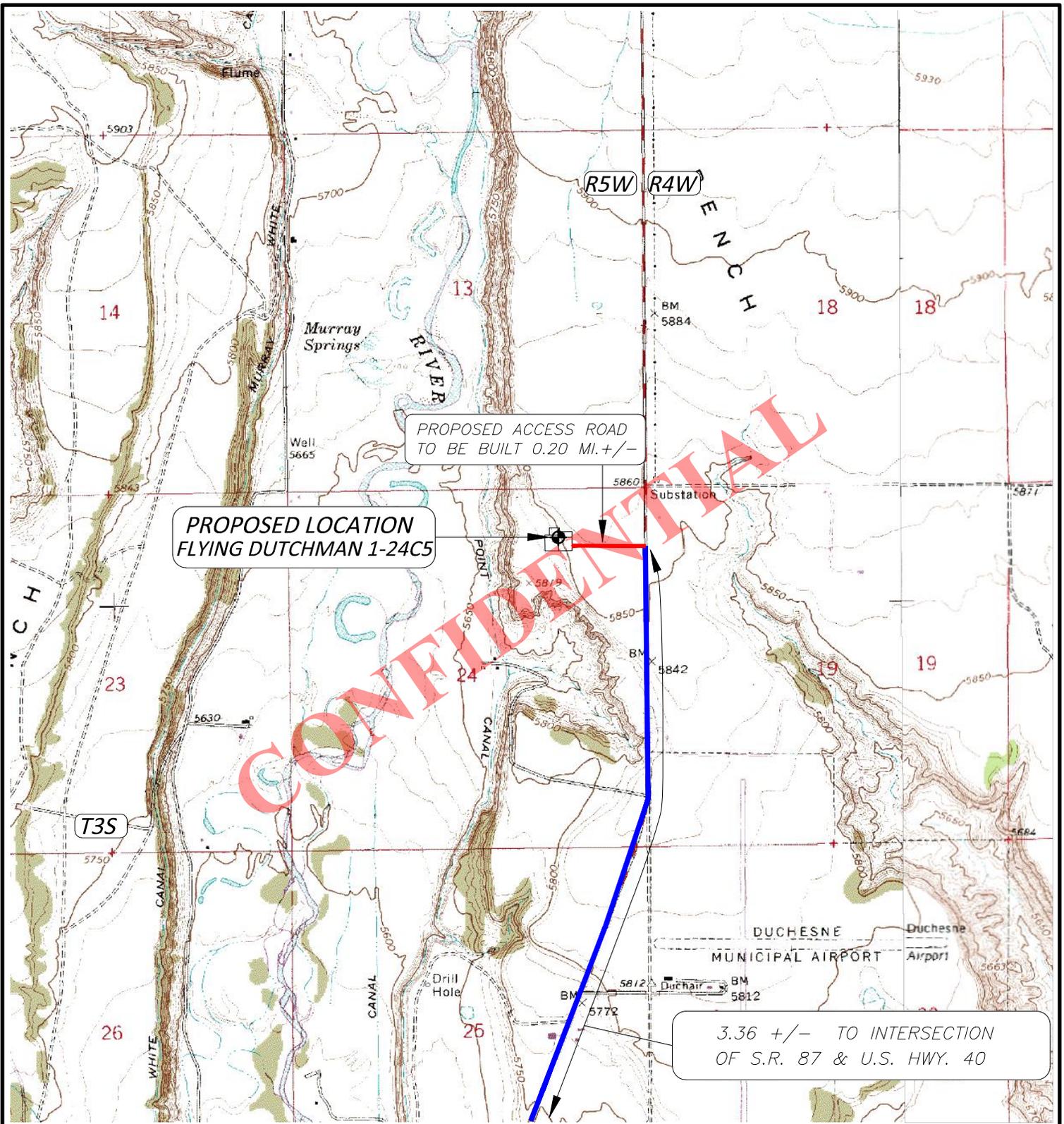
EP ENERGY E&P COMPANY, L.P.

FLYING DUTCHMAN 1-24C5
SECTION 24, T3S, R5W, U.S.B.&M.

717' FNL, 1280' FEL

TOPOGRAPHIC MAP "A"

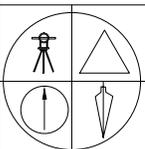
SCALE: 1"=10,000'
REV 28 APR 2014



LEGEND:

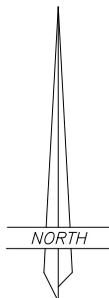
-  PROPOSED WELL LOCATION
-  PROPOSED ACCESS ROAD
-  EXISTING GRAVEL ROAD
-  EXISTING PAVED ROAD

REV 01-128-353



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

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EP ENERGY E&P COMPANY, L.P.

FLYING DUTCHMAN 1-24C5
SECTION 24, T3S, R5W, U.S.B.&M.

717' FNL, 1280' FEL

TOPOGRAPHIC MAP "B"

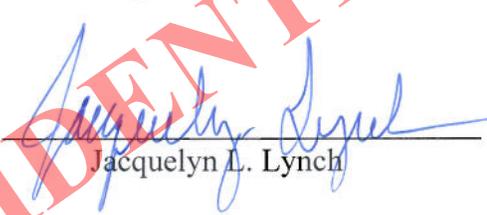
SCALE; 1"=2000'
REV 28 APR 2014

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 Flying Dutchman 1-24C5 well (the "Well") to be located in the NE/4NE/4 of Section 24, Township 3 South, Range 5 West, USM, Duchesne County, Utah (the "Drillsite Location"). The surface owner of the Drillsite Location is Jared Robinson, whose address is PO Box 920, Duchesne, UT 84021 (the "Surface Owner"). The Surface Owner's telephone number is (435) 828-8007.
3. EP Energy and the Surface Owner have entered into a Damage Settlement and Release Agreement dated April 15, 2014, 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 1st day of May, 2014, by Jacquelyn L. Lynch, as Landman for EP Energy E&P Company, L.P., a Delaware limited partnership.



 NOTARY PUBLIC

My Commission Expires:



EP Energy E&P Company, L.P.

Related Surface Information

1. **Current Surface Use:**

- Livestock Grazing and Oil and Gas Production.

2. **Proposed Surface Disturbance:**

- The road will be crown and ditch. Water wings will be constructed on the access road as needed.
- The topsoil will be windrowed and re-spread in the borrow area.
- New road to be constructed will be approximately .20 miles in length and 66 feet wide.
- All equipment and vehicles will be confined to the access road, pad and area specified in the APD.

3. **Location Of Existing Wells:**

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

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

- Drilling water: Duchesne City Water

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

- There are no existing facilities that will be utilized for this well.
- A pipeline corridor .20 miles will parallel the proposed access road. The corridor will contain one 4 inch gas line and one 2 inch gas line and one 2 inch Salt Water disposal line. Rehabilitation of unneeded, previously disturbed areas will consist of backfilling and contouring the reserve pit area; backsloping and contouring all cut and fill slopes. These areas will be reseeded. Refer to plans for reclamation of surface for details.
- Upgrade and maintain access roads and drainage control structures (e.g., culverts, drainage dips, ditching, etc.) as necessary to prevent soil erosion and accommodate safe, year-round traffic.

6. **Construction Materials:**

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

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

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

8. **Ancillary Facilities:**

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

9. Surface Reclamation Plans:

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

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

10. Surface Ownership:

Jared Robinson
PO Box 920
Duchesne, Utah 84021
435-828-8007

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



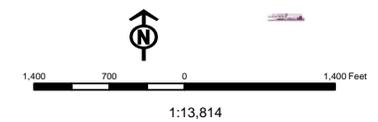
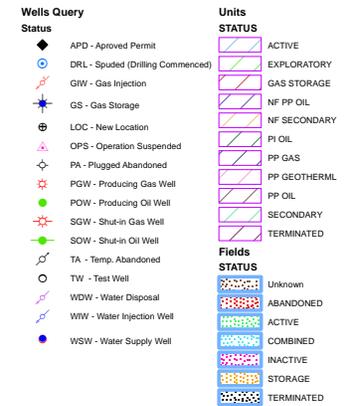
API Number: 4301352969

Well Name: Flying Dutchman 1-24C5

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

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

Map Prepared: 5/15/2014
Map Produced by Diana Mason



Well Name	EP ENERGY E&P COMPANY, L.P. Flying Dutchman 1-24C5 430135296			
String	COND	SURF	I1	L1
Casing Size(")	13.375	9.625	7.000	5.000
Setting Depth (TVD)	600	2500	8800	11700
Previous Shoe Setting Depth (TVD)	0	600	2500	8800
Max Mud Weight (ppg)	8.8	9.3	10.8	12.5
BOPE Proposed (psi)	1000	1000	10000	10000
Casing Internal Yield (psi)	2730	5750	11220	13940
Operators Max Anticipated Pressure (psi)	7605			12.5

Calculations	COND String	13.375	"	
Max BHP (psi)	.052*Setting Depth*MW=	275		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	203	YES	4.5 x 20 rotating head
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	143	YES	OK
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	143	NO	OK
Required Casing/BOPE Test Pressure=		600	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient	

Calculations	SURF String	9.625	"	
Max BHP (psi)	.052*Setting Depth*MW=	1209		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	909	YES	4.5 x 13 3/8 diverter stack with rotating head
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	659	YES	OK
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	791	NO	OK
Required Casing/BOPE Test Pressure=		2500	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=	4942		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3886	YES	10M BOPE w/rotating head, 5M annular, blind rams, flex
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	3006	YES	rams, mud cross, single w/flex rams
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3556	NO	OK
Required Casing/BOPE Test Pressure=		7854	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		2500	psi *Assumes 1psi/ft frac gradient	

Calculations	L1 String	5.000	"	
Max BHP (psi)	.052*Setting Depth*MW=	7605		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	6201	YES	10M BOPE w/rotating head, 5M annular, blind rams, flex
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	5031	YES	rams, mud cross, single w/flex rams
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	6967	YES	OK
Required Casing/BOPE Test Pressure=		9758	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		8800	psi *Assumes 1psi/ft frac gradient	

43013529690000 Flying Dutchman 1-24C5

Casing Schematic

Surface

13-3/8"
MW 9.

9-5/8"
MW 9.3
Frac 19.3

7"
MW 10.8
Frac 19.3

5"
MW 12.5

12%
15%
18%

TOC @ *Duchessne River*
to 0 @ 10% w/o, tail 1976
TOC @ 351.
Conductor
400' to 599. MD BMSW

1776' BMSW-EP
2060' tail * Proposed 2000'

Surface
2500. MD

3863' Green River
to 2043' @ 2% w/o, tail 6372'
TOC @ 4396.
* Proposed 2000' / 6400'
4623' Green River (GRNI)

5513' Mahogany Bench

* Stip ✓

6813' Lower Green River
7218' tail * Proposed 6400'

12%
TOL @ 8600.

8703' Wasatch

Intermediate
8800. MD

TOC @ 9452. → to TOL @ 4% w/o

Offset inj. wells

4301330971 - 4106' to 7528' - 1 mi N

Production Liner
11700. MD

Stip cmts.

CONFIDENTIAL

Well name:	43013529690000 Flying Dutchman 1-24C5	
Operator:	EP ENERGY E&P COMPANY, LP.	
String type:	Conductor	Project ID: 43-013-52969
Location:	DUCHESNE COUNTY	

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Environment:

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

Burst:

Design factor 1.00

Cement top: Surface

Burst

Max anticipated surface pressure: 208 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 280 psi

No backup mud specified.

Tension:

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

Non-directional string.

Tension is based on buoyed weight.
Neutral point: 519 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	599	13.375	54.50	J-55	ST&C	599	599	12.49	7432
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	280	1130	4.035	280	2730	9.75	28.3	514	18.16 J

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

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

Date: June 3, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 599 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013529690000 Flying Dutchman 1-24C5	
Operator:	EP ENERGY E&P COMPANY, LP.	
String type:	Surface	Project ID: 43-013-52969
Location:	DUCHESNE COUNTY	

Design parameters:

Collapse

Mud weight: 9.300 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 2,200 psi
Internal gradient: 0.120 psi/ft
Calculated BHP: 2,500 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor: 1.125

Burst:

Design factor: 1.00

Tension:

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

Tension is based on buoyed weight.
Neutral point: 2,154 ft

Environment:

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

Cement top: 351 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 8,800 ft
Next mud weight: 10.800 ppg
Next setting BHP: 4,937 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,500 ft
Injection pressure: 2,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	2500	9.625	40.00	N-80	LT&C	2500	2500	8.75	31811
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	1208	3090	2.558	2500	5750	2.30	86.2	737	8.55 J

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

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

Date: June 3, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2500 ft, a mud weight of 9.3 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013529690000 Flying Dutchman 1-24C5	
Operator:	EP ENERGY E&P COMPANY, LP.	
String type:	Intermediate	Project ID: 43-013-52969
Location:	DUCHESNE COUNTY	

Design parameters:

Collapse

Mud weight: 10.800 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: 197 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Burst:

Design factor 1.00

Cement top: 4,396 ft

Burst

Max anticipated surface pressure: 5,023 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 6,959 psi

No backup mud specified.

Tension:

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

Tension is based on buoyed weight.
Neutral point: 7,362 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 11,700 ft
Next mud weight: 12.500 ppg
Next setting BHP: 7,597 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 8,800 ft
Injection pressure: 8,800 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	8800	7	29.00	HCP-110	LT&C	8800	8800	6.059	99375
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	4937	9200	1.863	6959	11220	1.61	213.5	797	3.73 J

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

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

Date: June 3, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8800 ft, a mud weight of 10.8 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013529690000 Flying Dutchman 1-24C5	
Operator:	EP ENERGY E&P COMPANY, LP.	
String type:	Production Liner	Project ID: 43-013-52969
Location:	DUCHESNE COUNTY	

Design parameters:

Collapse

Mud weight: 12.500 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: 238 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Burst:

Design factor 1.00

Cement top: 9,452 ft

Burst

Max anticipated surface pressure: 5,023 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 7,597 psi

No backup mud specified.

Tension:

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

Liner top: 8,600 ft

Non-directional string.

Tension is based on buoyed weight.
Neutral point: 11,110 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	3100	5	18.00	HCP-110	ST-L	11700	11700	4.151	245504
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	7597	15360	2.022	7597	13940	1.83	45.2	341	7.55 J

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

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

Date: June 3, 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 11700 ft, a mud weight of 12.5 ppg. The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator EP ENERGY E&P COMPANY, L.P.
Well Name Flying Dutchman 1-24C5
API Number 43013529690000 **APD No** 9703 **Field/Unit** ALTAMONT
Location: 1/4,1/4 NENE **Sec** 24 **Tw** 3.0S **Rng** 5.0W 717 FNL 1280 FEL
GPS Coord (UTM) 551582 4451354 **Surface Owner** Jared Robinson

Participants

Jared Robinson (landowner); Jackie Lynch, Kelsey Carter, Heather Ivie (lands for EP Energy); Dennis Ingram (Utah Division of Wildlife Resources)

Regional/Local Setting & Topography

The Flying Dutchman 1-24C5 is proposed 3.36 miles north of Duchesne Utah along Highway 87, then west along an existing business access before continuing on west for 0.20 miles into the well pad. The topography at the well pad slopes westerly off Blue Bench into the eastern slopes of the Duchesne River Valley, having fifteen plus feet of cut along the northern portion of the well pad and ten to thirteen feet of fill along the western corners. Regionally, this well stakes up in northeastern Utah in the Uintah Basin along the bench several hundred feet from the slope that leads into the river or canyon bottom that runs north/south at this point. Rock Creek, Talmage and the Uintah Mountains are found to the north, Blue Bench to the east, the town of Duchesne to the south, and the Duchesne River, Rabbit Gulch, and Blacktail Mountain to the west.

Surface Use Plan

Current Surface Use

Industrial
Wildlfe Habitat

New Road Miles

0.2

Well Pad

Width 452 **Length** 400

Src Const Material

Onsite

Surface Formation

UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Sage brush, bunch grass, prickly pear cactus;

Mule deer, coyote, prairie dog, fox, raccoon, skunk, jack and cottontail rabbit, birds native to region, hawks, eagle, owls, song birds.

Soil Type and Characteristics

Fine-grained reddish brown sandy loam with underlying cobbles

Erosion Issues N

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

Site-Specific Factors	Site Ranking	
Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	500 to 1320	10
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	> 50	> 50
Presence Nearby Utility Conduits	Unknown	10
	Final Score	55 1 Sensitivity Level

Characteristics / Requirements

Reserve pit is proposed off the north side of the location with the east side in cut and the west side in fill, measuring 110' wide by 150' long by 12' deep. The pit spoils should be pushed west off the fill side to assure the Division the berming will be adequate; also the landowner has a dirt track just north of this area and he doesn't want it disturbed by pushing fill east or north of the pit.

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

Landowner says EP Energy can push the cement slab pile east to build location, he would like EP to push spoils from reserve pit west below location rather than north or east because of a dirt bike track he has adjacent to this proposed pad, utilize an existing access road off highway 87 just north of the landowner's business that turns south into a fenced area, landowner claimed he wanted to build a house southwest of this pad but no work has been started. Power line down north side of the access road with a drop at the shop and location for landowner.

Dennis Ingram
Evaluator

5/22/2014
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
9703	43013529690000	LOCKED	OW	P	No
Operator	EP ENERGY E&P COMPANY, L.P.		Surface Owner-APD	Jared Robinson	
Well Name	Flying Dutchman 1-24C5		Unit		
Field	ALTAMONT		Type of Work	DRILL	
Location	NENE 24 3S 5W U 717 FNL 1280 FEL GPS Coord (UTM) 551580E 4451352N				

Geologic Statement of Basis

EP proposes to set 600 feet of conductor and 2,500 feet of surface casing both of which will be cemented to surface. The surface and intermediate holes will be drilled utilizing fresh water mud. The estimated depth to the base of moderately saline ground water is 900 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 Duchesne River/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

5/29/2014
Date / Time

Surface Statement of Basis

Surface soil should be pushed to the west/southwest side of location so it can be found on reclamation. The cut and fill sheets do not show where the spoils storages are planned. Furthermore, the landowner requested the reserve pit spoils be pushed west rather than north or northeast because of an adjacent dirt bike track. The Division would also like to see the reserve pit spoils pushed west to assure the four to six feet of fill along the western side of the pit be stable. A large pile of cement of concrete slabs are piled along the eastern portion of this location and should be pushed further east at the landowner request.

The proposed reserve pit is staked off the north side of the location in cut along the east side and fill along the west side, in sandy soils with underlying cobbles, and therefore shall be lined with a 20 mil synthetic liner. That pit shall also be fenced to keep wildlife and/or stock from entering same.

A presite evaluation was scheduled and performed on May 22, 2014 to take input and address issues regarding the permitting, construction, and drilling of the Flying Dutchman 1-24C5 well. Jared Robinson was shown as the landowner of record and was therefore invited to the presite and did attend. EP Energy and the landowner do have a signed landowner agreement.

Dennis Ingram
Onsite Evaluator

5/22/2014
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 20 mils shall be properly installed and maintained in the reserve pit.
Pits	The reserve pit should be located on the north side of the location.
Surface	The well site shall be bermed to prevent fluids from entering or leaving the pad.

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WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 5/13/2014

API NO. ASSIGNED: 43013529690000

WELL NAME: Flying Dutchman 1-24C5

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

PHONE NUMBER: 713 997-5038

CONTACT: Maria S. Gomez

PROPOSED LOCATION: NENE 24 030S 050W

Permit Tech Review:

SURFACE: 0717 FNL 1280 FEL

Engineering Review:

BOTTOM: 0717 FNL 1280 FEL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.21099

LONGITUDE: -110.39386

UTM SURF EASTINGS: 551580.00

NORTHINGS: 4451352.00

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

Commingling Approved

LOCATION AND SITING:

- R649-2-3.
- Unit:
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: Cause 139-85
- Effective Date: 3/11/2010
- Siting: 4 Wells Per 640 Acres
- 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: Flying Dutchman 1-24C5
API Well Number: 43013529690000
Lease Number: Fee
Surface Owner: FEE (PRIVATE)
Approval Date: 6/4/2014

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:

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

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

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

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

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Carol Daniels <caroldaniels@utah.gov>

NE NE S-24 T039 ROSW LEASE FEE

24hrs Notice Spud, Run & Cement Casing

1 message

LANDRIG009 (Precision 406) <LANDRIG009@epenergy.com>

Wed, Jul 23, 2014 at 9:31 AM

To: "alexishuefner@utah.gov" <alexishuefner@utah.gov>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "caroldaniels@utah.gov" <caroldaniels@utah.gov>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "Dodd, Robert W" <Robert.Dodd@epenergy.com>, "Morales, Lisa" <Lisa.Morales@epenergy.com>, "Mangum, Danny R (Contractor)" <danny.mangum@epenergy.com>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>

RE: EP ENERGY

FLYING DUTCHMAN 1-24C5

API # 43013529690000

ALTAMONT FIELD

DUCHESNE COUNTY

Leon Ross Drilling rig 26 spudded the well @ 02:00hrs on 7/23/2014. We plan on running and cementing 13-3/8" 54.5# J-55 STC Casing to +/- 600' within 24hrs.

Regards,

Tony Wilkerson / Bill Owen

EP Energy LLC

PD Rig 406

Rig: 713-997-1220

Cell: 435-823-1764

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.

Carol Daniels <caroldaniels@utah.gov>

NAME S-94 TOSS R05W FEE LEASE

24hr Notice Run & Cement Casing

1 message

LANDRIG009 (Precision 406) <LANDRIG009@epenergy.com>

Sun, Aug 3, 2014 at 7:03 PM

To: "alexishuefner@utah.gov" <alexishuefner@utah.gov>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "caroldaniels@utah.gov" <caroldaniels@utah.gov>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "Dodd, Robert W" <Robert.Dodd@epenergy.com>, "Morales, Lisa" <Lisa.Morales@epenergy.com>, "Mangum, Danny R (Contractor)" <danny.mangum@epenergy.com>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>

RE: EP ENERGY

FLYING DUTCHMAN 1-24C5

API # 43013529690000

ALTAMONT FIELD

DUCHESNE COUNTY

We reached Intermediate Casing point @ 12:00hrs on 8/3/2014. We plan on running and cementing 7" 29# P-110HC LTC Casing to +/- 8,804' within 24hrs.

Regards,

Tony Wilkerson / Bill Owen

EP Energy LLC

PD Rig 406

Rig: 713-997-1220

Cell: 435-823-1764

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Carol Daniels <caroldaniels@utah.gov>

NE NE 5-24 T 03S R05W FEE LEASE

24hr Notice Run & Cement Casing

1 message

LANDRIG009 (Precision 406) <LANDRIG009@epenergy.com>

Sun, Jul 27, 2014 at 9:22 PM

To: "alexishuefner@utah.gov" <alexishuefner@utah.gov>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "caroldaniels@utah.gov" <caroldaniels@utah.gov>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "Dodd, Robert W" <Robert.Dodd@epenergy.com>, "Morales, Lisa" <Lisa.Morales@epenergy.com>, "Mangum, Danny R (Contractor)" <danny.mangum@epenergy.com>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>

RE: EP ENERGY

FLYING DUTCHMAN 1-24C5

API # 43013529690000

ALTAMONT FIELD

DUCHESNE COUNTY

We commenced drilling the well @ 22:20hrs on 7/27/2014 with Precision Drilling rig 406. We plan on running and cementing 9-5/8" 40# N-80 LTC Casing to +/- 2,000' within 24hrs.

Regards,

Tony Wilkerson / Bill Owen

EP Energy LLC

PD Rig 406

Rig: 713-997-1220

Cell: 435-823-1764

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CONFIDENTIAL

Carol Daniels <caroldaniels@utah.gov>

NE NE SEC 24 T03S R05W

FREE LEASE

EP ENERGY / RUN & CMT 5" PROD LINER / FLYING DUTCHMAN 1-24C5 / API # 430135296900000

1 message

LANDRIG009 (Precision 406) <LANDRIG009@epenergy.com>

Sat, Aug 9, 2014 at 2:28 PM

To: "alexishuefner@utah.gov" <alexishuefner@utah.gov>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "caroldaniels@utah.gov" <caroldaniels@utah.gov>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "Dodd, Robert W" <Robert.Dodd@epenergy.com>, "Morales, Lisa" <Lisa.Morales@epenergy.com>, "Mangum, Danny R (Contractor)" <danny.mangum@epenergy.com>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>

EP ENERGY / RUN & CMT 5" PROD LINER

EP ENERGY

FLYING DUTCHMAN 1-24C5

API # 430135296900000

ALTAMONT FIELD

DUCHESNE COUNTY

EP reached TD (11460') of the 6 1/8" production hole @ 8:00 PM 08-08-14. We are currently preparing to run a 5" 18# HCP110 liner. We anticipate starting cement operations @ 3:00 PM 08-10-14. If any other information is required please contact us @ the numbers below.

Thanks,

Roy Derden / Morgan Harden

EP Energy / PD 406

713-997-1220 (Rig)

903-229-2878 (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.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Flying Dutchman 1-24C5	
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013529690000	
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0717 FNL 1280 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE 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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/29/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Initial Completion"/>

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

Please see attached procedure for initial completion into the Wasatch. PLEASE ALSO NOTE THAT WILL BE CONDUCTING EXTENDED TESTING THEREFORE FLARING FOR ADDITIONAL 30 DAYS.

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

Date: August 28, 2014

By: 

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 8/28/2014	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43013529690000

By rule all gas can be flared during drilling and completion. Once stabilized production rate has been established EP should resubmit request for extended flaring and provide the following: 1) type of test being performed, 2)reason for extended testing and 3)current gas production and an estimate of gas to be flared based on actual well performance.

Flying Dutchman 1-24C5**Initial Completion****API # : 43013529690000****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. A frac tree with BOP equipment will be utilized during the stimulation treatment.
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. EP Energy requests an additional 30 day period (maximum 50 mmcf) to flare associated gas during well testing on the Flying Dutchman 1-24C5, as per rules R649-3-20.3.2, R649-3-19-2, R649-3-19-3.. EP Energy plans on flowing the well back over a 4 to 5 day period until 100% of the load water is recovered. After the well has cleaned up and a stabilized flow rate is established, production tubing will be run. After the well test, we plan to flare gas only at levels below the rules requiring special permission from UDOGM. EP Energy estimates that testing will completed by October 4th.
7. 2 7/8" tubing will be run to isolate the 7" casing during the flow back of the well.
8. 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 ~10968' – 11284' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~130000 # of Power Prop 30/50. Total clean water volume is 148033 gals.

Stage #2 RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~10621' – 10920' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~130000 # of Power Prop 30/50. Total clean water volume is 147774 gals.

- Stage #3** RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~10319' – 10544' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~130000 # of TLC 30/50. Total clean water volume is 147549 gals.
- Stage #4** RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~10053' – 10283' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~140000 # of TLC 30/50. Total clean water volume is 156684 gals.
- Stage #5** RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~9776' – 10027' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~140000 # of TLC 30/50. Total clean water volume is 156477 gals.
- Stage #6** RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~9513' – 9744' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~140000 # of TLC 30/50. Total clean water volume is 156281 gals.
- Stage #7** RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~9200' – 9474' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~130000 # of TLC 30/50. Total clean water volume is 146714 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	10,968	11,284	316	NA	23	69	17	Power Prop 30/50	130,000	411	3,000	5,000	148,033	4,012
Stage #2	10,621	10,920	299	10,930	23	69	17	Power Prop 30/50	130,000	435	3,000	5,000	147,774	4,006
Stage #3	10,319	10,544	225	10,554	20	60	15	TLC 30/50	130,000	578	3,000	5,000	147,549	3,996
Stage #4	10,053	10,283	230	10,293	22	66	17	TLC 30/50	140,000	609	3,000	5,000	156,684	4,232
Stage #5	9,776	10,027	251	10,037	22	66	17	TLC 30/50	140,000	558	3,000	5,000	156,477	4,227
Stage #6	9,513	9,744	231	9,754	22	66	17	TLC 30/50	140,000	606	3,000	5,000	156,281	4,222
Stage #7	9,200	9,474	274	9,484	23	69	17	TLC 30/50	130,000	474	3,000	5,000	146,714	3,976
Stage #8	8,904	9,167	263	9,177	23	69	16	TLC 30/50	130,000	494	3,000	5,000	146,493	3,971
Average per Stage			261		22	67	17		133,750	521	3,000	5,000	150,751	4,080
Totals per Well			2,089		178	534	133		1,070,000		24,000	40,000	1,206,005	32,642

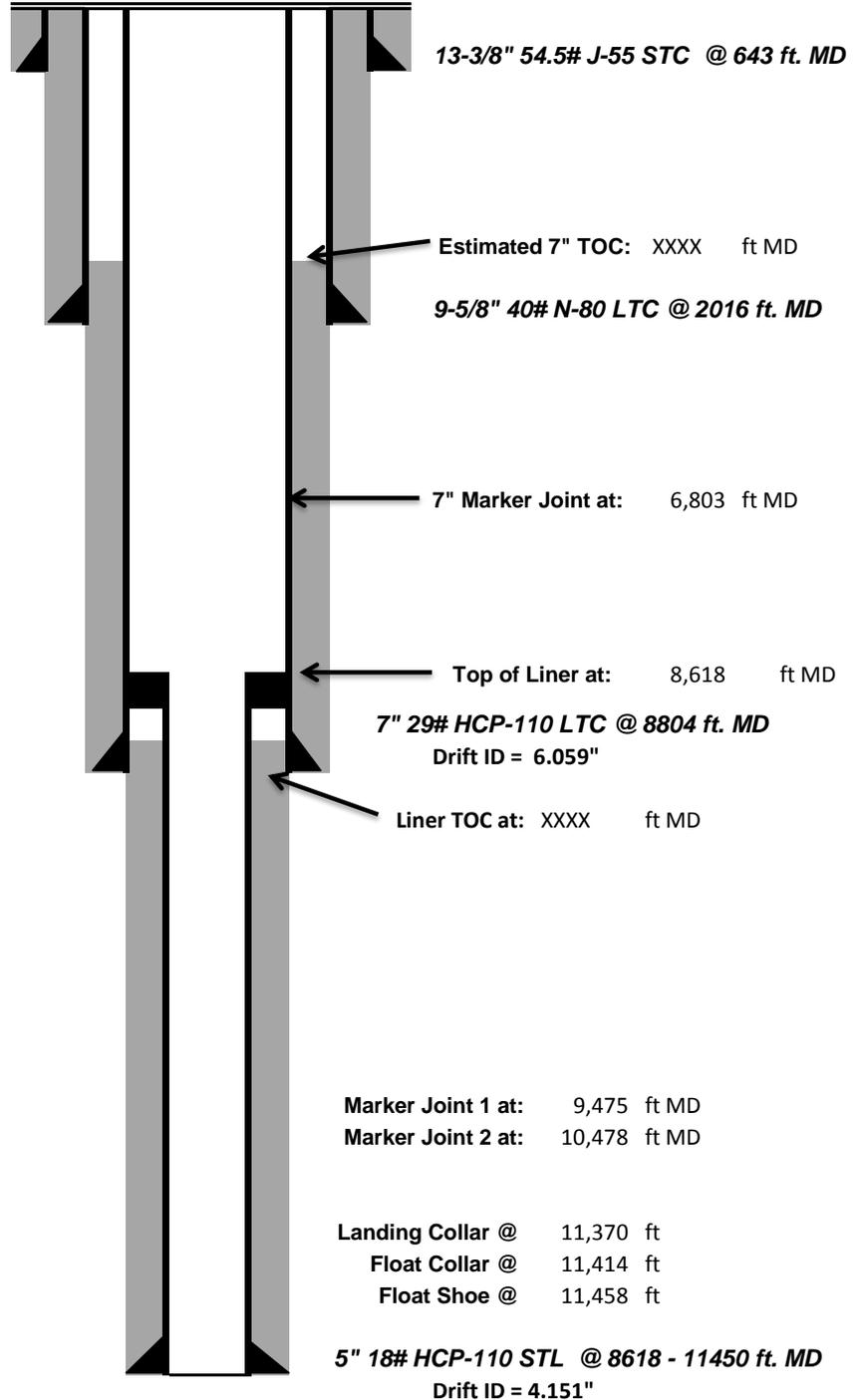


Pre-Completion Wellbore Schematic

Well Name: **Flying Dutchman 1-24C5**
 Company Name: **EP Energy**
 Field, County, State: **Altamont, Duchesne, Utah**
 Surface Location: **Lat: 40°12'39.570" N Long: 110°23'37.847" W**
 Producing Zone(s): **Wasatch**

Last Updated: **8/14/2014**
 By: **Jarrod Kent**
 TD: **11,458**
 API: **43013529690000**
 AFE: **159889**

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



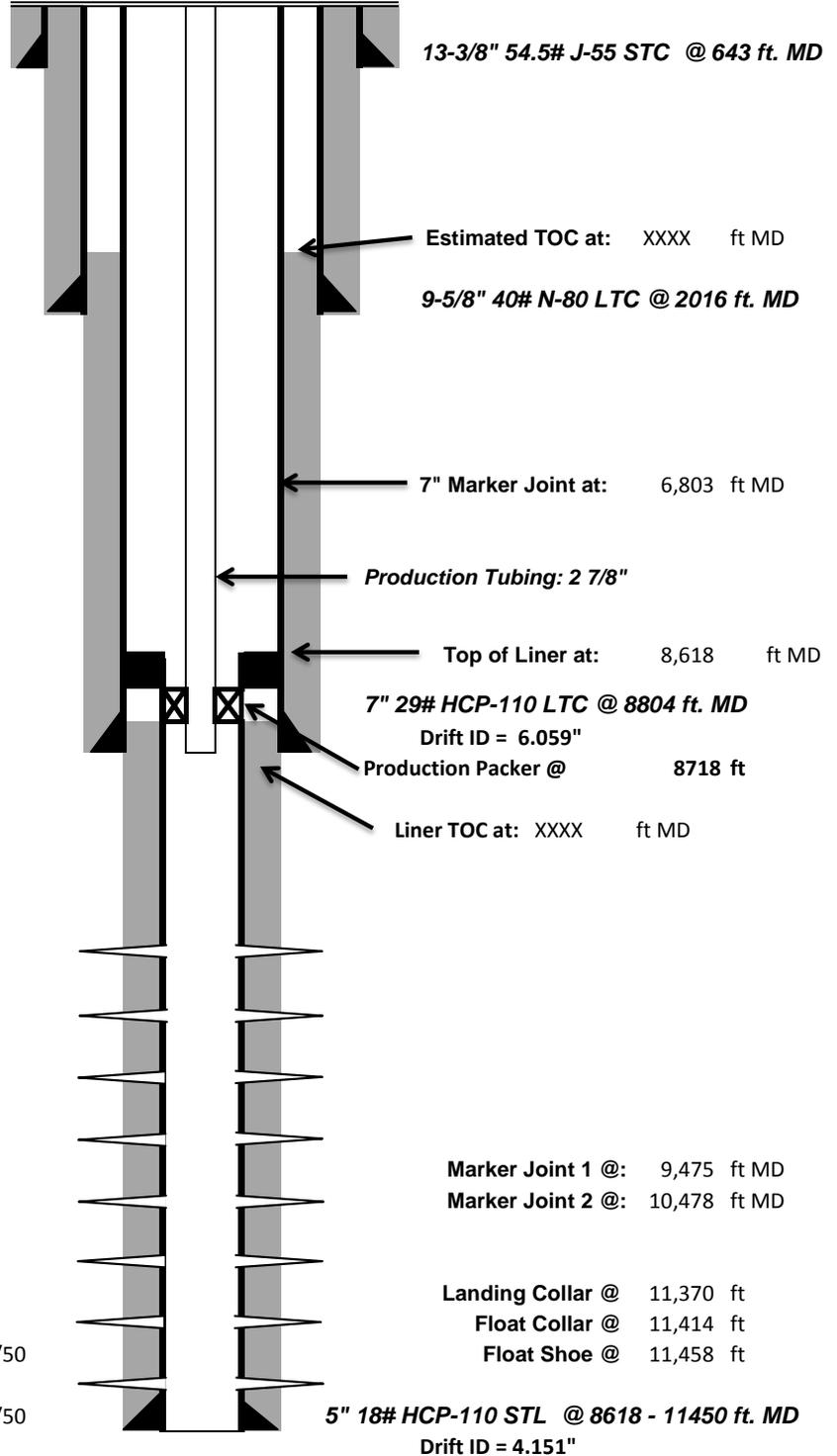


Post-Completion Wellbore Schematic

Well Name: **Flying Dutchman 1-24C5**
 Company Name: **EP Energy**
 Field, County, State: **Altamont, Duchesne, Utah**
 Surface Location: **Lat: 40°12'39.570" N Long: 110°23'37.847" W**
 Producing Zone(s): **Wasatch**

Last Updated: **8/25/2014**
 By: **Jarrold Kent**
 TD: **11,458**
 API: **43013529690000**
 AFE: **159889**

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



Initial Completion Perf Information

Stage #	Depth Range	Shots	Fluids
Stage #8	8904 - 9167	23' /69 shots	5000 gal HCL & 130000 lbs TLC 30/50
Stage #7	9200 - 9474	23' /69 shots	5000 gal HCL & 130000 lbs TLC 30/50
Stage #6	9513 - 9744	22' /66 shots	5000 gal HCL & 140000 lbs TLC 30/50
Stage #5	9776 - 10027	22' /66 shots	5000 gal HCL & 140000 lbs TLC 30/50
Stage #4	10053 - 10283	22' /66 shots	5000 gal HCL & 140000 lbs TLC 30/50
Stage #3	10319 - 10544	20' /60 shots	5000 gal HCL & 130000 lbs TLC 30/50
Stage #2	10621 - 10920	23' /69 shots	5000 gal HCL & 130000 lbs Power Prop 30/50
Stage #1	10968 - 11284	23' /69 shots	5000 gal HCL & 130000 lbs Power Prop 30/50

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

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

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

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

Attachment to Well Completion Report**Form 8 Dated October 3, 2014****Well Name: Flying Dutchman 1-24C5****Items #27 and #28 Continued****27. Perforation Record**

Interval (Top/Bottom – MD)	Size	No. of Holes	Perf. Status
9770'-10023'	.43	66	Open
9499'-9738'	.43	66	Open
9189'-9464'	.43	69	Open
8894'-9157'	.43	69	Open

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

Depth Interval	Amount and Type of Material
10043'-10279'	5000 gal acid, 3000# 100 mesh, 143320# 30/50 TLC
9770'-10023'	5000 gal acid, 3000# 100 mesh, 141900# 30/50 TLC
9499'-9738'	5000 gal acid, 3000# 100 mesh, 139740# 30/50 TLC
9189'-9464'	5000 gal acid, 3500# 100 mesh, 132820# 30/50 TLC
8894'-9157'	5000 gal acid, 3500# 100 mesh, 122040# 30/50 TLC



Company: EP Energy
Well: Flying Dutchman 1-24C5
Location: Duchesne, UT
Rig: Precision 406

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	0.24	283.06	100.00	100.00	0.05	0.05	N	0.20	W	0.21	283.06	0.24	0.24	283.06
2	200.00	0.17	299.42	100.00	200.00	0.17	0.17	N	0.53	W	0.56	287.44	0.08	-0.06	16.36
3	300.00	0.69	226.64	100.00	300.00	-0.17	0.17	S	1.10	W	1.11	261.29	0.66	0.51	-72.77
4	400.00	0.57	190.62	100.00	399.99	-1.07	1.07	S	1.63	W	1.94	236.79	0.40	-0.12	-36.03
5	500.00	0.39	264.44	100.00	499.99	-1.58	1.58	S	2.05	W	2.59	232.36	0.59	-0.18	73.82
6	600.00	0.39	212.41	100.00	599.99	-1.90	1.90	S	2.57	W	3.20	233.46	0.34	0.01	-52.03
7	700.00	0.51	230.37	100.00	699.98	-2.47	2.47	S	3.09	W	3.96	231.34	0.18	0.11	17.96
8	800.00	0.66	178.56	100.00	799.98	-3.33	3.33	S	3.42	W	4.77	225.74	0.53	0.15	-51.82
9	900.00	0.42	179.35	100.00	899.97	-4.27	4.27	S	3.40	W	5.46	218.50	0.24	-0.24	0.80
10	1000.00	0.90	172.23	100.00	999.97	-5.42	5.42	S	3.29	W	6.34	211.25	0.49	0.48	-7.12
11	1100.00	0.95	159.89	100.00	1099.95	-6.98	6.98	S	2.90	W	7.56	202.54	0.21	0.05	-12.34
12	1200.00	1.19	168.38	100.00	1199.94	-8.78	8.78	S	2.40	W	9.10	195.31	0.28	0.24	8.49
13	1300.00	0.74	181.35	100.00	1299.92	-10.44	10.44	S	2.21	W	10.67	191.95	0.49	-0.45	12.97
14	1400.00	1.23	183.94	100.00	1399.91	-12.15	12.15	S	2.30	W	12.37	190.70	0.49	0.48	2.59
15	1500.00	1.34	177.79	100.00	1499.88	-14.39	14.39	S	2.33	W	14.58	189.18	0.18	0.11	-6.15
16	1600.00	1.28	176.08	100.00	1599.86	-16.67	16.67	S	2.20	W	16.82	187.53	0.07	-0.06	-1.71
17	1700.00	1.34	177.59	100.00	1699.83	-18.96	18.96	S	2.08	W	19.07	186.26	0.07	0.06	1.50
18	1800.00	1.02	176.98	100.00	1799.81	-21.01	21.01	S	1.98	W	21.11	185.39	0.32	-0.32	-0.60
19	1900.00	1.41	173.11	100.00	1899.79	-23.12	23.12	S	1.79	W	23.19	184.43	0.39	0.39	-3.87
20	1942.00	1.42	178.72	42.00	1941.77	-24.15	24.15	S	1.72	W	24.21	184.06	0.33	0.03	13.37
21	2052.00	1.69	183.89	110.00	2051.73	-27.13	27.13	S	1.80	W	27.19	183.79	0.28	0.25	4.70
22	2147.00	0.45	148.68	95.00	2146.71	-28.84	28.84	S	1.70	W	28.89	183.37	1.42	-1.31	-37.06
23	2243.00	1.53	151.95	96.00	2242.70	-30.30	30.30	S	0.90	W	30.31	181.70	1.13	1.13	3.41
24	2338.00	1.91	106.23	95.00	2337.66	-31.86	31.86	S	1.22	E	31.88	177.81	1.45	0.40	-48.13
25	2434.00	4.17	87.30	96.00	2433.52	-32.14	32.14	S	6.24	E	32.74	169.01	2.54	2.35	-19.72
26	2530.00	4.46	87.66	96.00	2529.25	-31.82	31.82	S	13.46	E	34.55	157.08	0.30	0.30	0.37
27	2626.00	2.79	106.28	96.00	2625.06	-32.33	32.33	S	19.43	E	37.72	148.99	2.11	-1.74	19.40
28	2723.00	2.45	123.68	97.00	2721.96	-34.14	34.14	S	23.42	E	41.40	145.55	0.89	-0.35	17.94
29	2819.00	2.31	126.45	96.00	2817.87	-36.43	36.43	S	26.69	E	45.15	143.77	0.19	-0.15	2.89
30	2915.00	2.26	127.30	96.00	2913.80	-38.72	38.72	S	29.75	E	48.83	142.47	0.06	-0.05	0.89
31	3011.00	1.97	140.47	96.00	3009.73	-41.14	41.14	S	32.30	E	52.31	141.86	0.59	-0.30	13.72
32	3107.00	1.91	148.61	96.00	3105.68	-43.78	43.78	S	34.19	E	55.55	142.01	0.29	-0.06	8.48
33	3204.00	1.92	151.34	97.00	3202.62	-46.59	46.59	S	35.81	E	58.76	142.45	0.09	0.01	2.81
34	3300.00	2.14	145.88	96.00	3298.56	-49.48	49.48	S	37.59	E	62.14	142.78	0.30	0.23	-5.69
35	3396.00	1.33	150.69	96.00	3394.52	-51.94	51.94	S	39.14	E	65.03	143.00	0.86	-0.84	5.01



Company: EP Energy
Well: Flying Dutchman 1-24C5
Location: Duchesne, UT
Rig: Precision 406

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	3492.00	1.47	152.49	96.00	3490.49	-54.00	54.00	S	40.25	E	67.35	143.30	0.15	0.15	1.88
37	3589.00	1.59	177.14	97.00	3587.46	-56.45	56.45	S	40.89	E	69.70	144.08	0.68	0.12	25.41
38	3685.00	1.48	187.73	96.00	3683.42	-59.01	59.01	S	40.79	E	71.73	145.34	0.32	-0.11	11.03
39	3782.00	1.59	184.30	97.00	3780.39	-61.59	61.59	S	40.52	E	73.72	146.66	0.15	0.11	-3.54
40	3878.00	1.85	183.53	96.00	3876.34	-64.46	64.46	S	40.33	E	76.04	147.97	0.27	0.27	-0.80
41	3975.00	2.67	195.36	97.00	3973.27	-68.21	68.21	S	39.63	E	78.88	149.84	0.97	0.85	12.20
42	4071.00	1.39	207.07	96.00	4069.21	-71.40	71.40	S	38.51	E	81.12	151.66	1.39	-1.33	12.20
43	4167.00	1.39	206.11	96.00	4165.18	-73.48	73.48	S	37.47	E	82.48	152.98	0.02	0.00	-1.00
44	4263.00	1.77	215.28	96.00	4261.14	-75.74	75.74	S	36.10	E	83.90	154.52	0.47	0.40	9.55
45	4360.00	1.79	204.77	97.00	4358.09	-78.34	78.34	S	34.60	E	85.64	156.17	0.34	0.02	-10.84
46	4455.00	1.82	197.37	95.00	4453.05	-81.12	81.12	S	33.53	E	87.78	157.55	0.25	0.03	-7.79
47	4551.00	1.85	201.90	96.00	4549.00	-84.01	84.01	S	32.49	E	90.08	158.86	0.15	0.03	4.72
48	4648.00	0.94	218.59	97.00	4645.97	-86.09	86.09	S	31.41	E	91.64	159.95	1.02	-0.94	17.21
49	4744.00	1.11	208.84	96.00	4741.95	-87.52	87.52	S	30.47	E	92.67	160.80	0.25	0.18	-10.16
50	4841.00	1.09	216.29	97.00	4838.94	-89.09	89.09	S	29.47	E	93.84	161.69	0.15	-0.02	7.68
51	4937.00	1.09	229.67	96.00	4934.92	-90.41	90.41	S	28.24	E	94.72	162.66	0.26	0.00	13.94
52	5033.00	0.76	235.60	96.00	5030.91	-91.36	91.36	S	27.02	E	95.27	163.53	0.36	-0.34	6.18
53	5129.00	1.60	215.16	96.00	5126.88	-92.82	92.82	S	25.72	E	96.32	164.51	0.97	0.88	-21.29
54	5225.00	1.83	161.84	96.00	5222.85	-95.37	95.37	S	25.43	E	98.70	165.07	1.62	0.24	-55.54
55	5322.00	0.74	268.30	97.00	5319.83	-96.86	96.86	S	25.28	E	100.11	165.37	2.23	-1.12	109.75
56	5418.00	0.63	246.32	96.00	5415.82	-97.09	97.09	S	24.18	E	100.06	166.02	0.29	-0.11	-22.90
57	5514.00	1.15	249.09	96.00	5511.81	-97.65	97.65	S	22.80	E	100.27	166.86	0.54	0.54	2.89
58	5610.00	1.20	229.18	96.00	5607.79	-98.65	98.65	S	21.14	E	100.89	167.91	0.43	0.05	-20.74
59	5707.00	1.42	216.44	97.00	5704.77	-100.28	100.28	S	19.65	E	102.19	168.91	0.37	0.23	-13.13
60	5803.00	1.79	210.47	96.00	5800.73	-102.53	102.53	S	18.19	E	104.13	169.94	0.42	0.39	-6.22
61	5899.00	0.85	221.31	96.00	5896.70	-104.36	104.36	S	16.96	E	105.72	170.77	1.01	-0.98	11.29
62	5996.00	0.86	237.46	97.00	5993.69	-105.29	105.29	S	15.87	E	106.48	171.43	0.25	0.01	16.65
63	6091.00	1.14	225.07	95.00	6088.68	-106.34	106.34	S	14.60	E	107.34	172.18	0.37	0.29	-13.04
64	6186.00	1.98	287.10	95.00	6183.65	-106.52	106.52	S	12.36	E	107.24	173.38	1.85	0.88	65.29
65	6282.00	0.76	4.53	96.00	6279.62	-105.40	105.40	S	10.82	E	105.96	174.14	2.04	-1.27	-294.34
66	6377.00	0.45	311.93	95.00	6374.62	-104.52	104.52	S	10.60	E	105.06	174.21	0.64	-0.33	323.58
67	6474.00	0.69	218.56	97.00	6471.62	-104.73	104.73	S	9.95	E	105.20	174.57	0.87	0.25	-96.26
68	6570.00	1.31	209.13	96.00	6567.60	-106.14	106.14	S	9.05	E	106.52	175.12	0.67	0.65	-9.82
69	6666.00	1.75	205.72	96.00	6663.57	-108.42	108.42	S	7.88	E	108.70	175.84	0.47	0.46	-3.55
70	6762.00	1.33	200.63	96.00	6759.53	-110.78	110.78	S	6.86	E	110.99	176.46	0.46	-0.44	-5.30
71	6859.00	1.41	188.55	97.00	6856.50	-113.01	113.01	S	6.28	E	113.19	176.82	0.31	0.08	-12.45
72	6953.00	0.97	223.88	94.00	6950.48	-114.73	114.73	S	5.56	E	114.87	177.23	0.89	-0.47	37.59



Company: EP Energy
Well: Flying Dutchman 1-24C5
Location: Duchesne, UT
Rig: Precision 406

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	Distance (ft)	Direction			
73	7050.00	1.25	213.81	97.00	7047.47	-116.20	116.20	S	4.40	E	116.28	177.83	0.35	0.29	-10.38
74	7146.00	2.12	223.68	96.00	7143.42	-118.36	118.36	S	2.59	E	118.38	178.75	0.95	0.91	10.28
75	7242.00	2.75	228.19	96.00	7239.34	-121.18	121.18	S	0.35	W	121.18	180.17	0.69	0.66	4.70
76	7338.00	3.18	233.29	96.00	7335.21	-124.30	124.30	S	4.20	W	124.37	181.94	0.53	0.45	5.31
77	7434.00	2.58	248.42	96.00	7431.09	-126.69	126.69	S	8.35	W	126.96	183.77	1.00	-0.63	15.76
78	7530.00	0.38	282.43	96.00	7527.05	-127.41	127.41	S	10.67	W	127.86	184.79	2.37	-2.29	35.43
79	7626.00	0.56	184.49	96.00	7623.05	-127.81	127.81	S	11.02	W	128.29	184.93	0.75	0.19	-102.02
80	7722.00	0.94	182.44	96.00	7719.04	-129.07	129.07	S	11.09	W	129.54	184.91	0.40	0.40	-2.14
81	7817.00	1.58	193.67	95.00	7814.02	-131.12	131.12	S	11.43	W	131.62	184.98	0.72	0.67	11.82
82	7913.00	1.75	189.81	96.00	7909.98	-133.85	133.85	S	11.99	W	134.39	185.12	0.21	0.18	-4.02
83	8009.00	1.37	220.12	96.00	8005.94	-136.17	136.17	S	12.98	W	136.79	185.44	0.93	-0.40	31.57
84	8105.00	1.82	328.39	96.00	8101.92	-135.75	135.75	S	14.52	W	136.53	186.10	2.71	0.47	112.78
85	8201.00	1.26	305.97	96.00	8197.89	-133.83	133.83	S	16.17	W	134.81	186.89	0.85	-0.58	-23.35
86	8298.00	1.38	257.98	97.00	8294.86	-133.45	133.45	S	18.18	W	134.68	187.76	1.11	0.12	-49.47
87	8394.00	1.87	234.48	96.00	8390.83	-134.60	134.60	S	20.58	W	136.17	188.69	0.85	0.51	-24.48
88	8490.00	2.44	226.07	96.00	8486.76	-136.93	136.93	S	23.33	W	138.90	189.67	0.68	0.59	-8.76
89	8586.00	1.84	231.30	96.00	8582.69	-139.31	139.31	S	26.00	W	141.72	190.57	0.66	-0.63	5.45
90	8682.00	0.54	239.84	96.00	8678.67	-140.50	140.50	S	27.60	W	143.19	191.11	1.36	-1.35	8.90
91	8738.00	0.41	249.62	56.00	8734.67	-140.70	140.70	S	28.01	W	143.47	191.26	0.27	-0.23	17.46
92	8800.00	0.35	153.53	62.00	8796.66	-140.95	140.95	S	28.14	W	143.73	191.29	0.92	-0.09	-154.99
93	8900.00	1.18	148.75	100.00	8896.65	-142.11	142.11	S	27.46	W	144.74	190.94	0.83	0.83	-4.78
94	9000.00	1.69	155.51	100.00	8996.62	-144.33	144.33	S	26.32	W	146.71	190.33	0.53	0.51	6.76
95	9100.00	1.72	173.11	100.00	9096.58	-147.17	147.17	S	25.53	W	149.36	189.84	0.52	0.04	17.61
96	9200.00	2.07	168.56	100.00	9196.52	-150.43	150.43	S	24.99	W	152.49	189.43	0.37	0.34	-4.56
97	9300.00	2.41	172.86	100.00	9296.45	-154.28	154.28	S	24.37	W	156.19	188.98	0.38	0.35	4.31
98	9400.00	2.58	171.87	100.00	9396.35	-158.59	158.59	S	23.79	W	160.37	188.53	0.17	0.17	-1.00
99	9500.00	2.86	178.21	100.00	9496.24	-163.31	163.31	S	23.39	W	164.98	188.15	0.41	0.28	6.34
100	9600.00	2.83	175.45	100.00	9596.12	-168.27	168.27	S	23.12	W	169.85	187.82	0.14	-0.02	-2.76
101	9700.00	2.68	177.42	100.00	9696.00	-173.07	173.07	S	22.82	W	174.57	187.51	0.18	-0.15	1.98
102	9800.00	2.79	179.90	100.00	9795.89	-177.84	177.84	S	22.71	W	179.28	187.28	0.16	0.11	2.48
103	9900.00	2.98	180.85	100.00	9895.76	-182.87	182.87	S	22.74	W	184.28	187.09	0.20	0.20	0.95
104	10000.00	2.84	175.72	100.00	9995.63	-187.94	187.94	S	22.60	W	189.29	186.86	0.30	-0.15	-5.13
105	10100.00	3.19	180.25	100.00	10095.49	-193.19	193.19	S	22.43	W	194.49	186.62	0.43	0.36	4.54
106	10200.00	2.76	183.03	100.00	10195.36	-198.38	198.38	S	22.56	W	199.66	186.49	0.45	-0.43	2.78
107	10300.00	2.80	181.82	100.00	10295.24	-203.23	203.23	S	22.77	W	204.50	186.39	0.07	0.04	-1.22
108	10400.00	2.81	184.23	100.00	10395.12	-208.12	208.12	S	23.03	W	209.39	186.31	0.12	0.00	2.41
109	10500.00	3.00	185.44	100.00	10494.99	-213.16	213.16	S	23.46	W	214.44	186.28	0.20	0.19	1.21



Company: EP Energy **Job Number:** _____
Well: Flying Dutchman 1-24C5 **Mag Decl.:** _____
Location: Duchesne, UT **Dir Driller:** _____
Rig: Precision 406 **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	3.08	190.59	100.00	10594.85	-218.40	218.40	S	24.20	W	219.74	186.32	0.29	0.09	5.15
111	10700.00	2.61	191.03	100.00	10694.73	-223.28	223.28	S	25.13	W	224.69	186.42	0.47	-0.47	0.43
112	10800.00	2.90	185.77	100.00	10794.61	-228.03	228.03	S	25.82	W	229.49	186.46	0.38	0.28	-5.26
113	10900.00	3.00	189.21	100.00	10894.48	-233.13	233.13	S	26.49	W	234.63	186.48	0.21	0.11	3.45
114	11000.00	3.08	185.66	100.00	10994.34	-238.39	238.39	S	27.18	W	239.93	186.50	0.21	0.08	-3.55
115	11100.00	3.43	188.95	100.00	11094.18	-244.02	244.02	S	27.91	W	245.61	186.52	0.40	0.35	3.28
116	11200.00	3.02	191.81	100.00	11194.02	-249.56	249.56	S	28.91	W	251.23	186.61	0.45	-0.42	2.86
117	11293.00	3.61	190.94	93.00	11286.86	-254.83	254.83	S	29.97	W	256.58	186.71	0.64	0.64	-0.93
118	11460.00	3.61	190.94	167.00	11453.53	-265.15	265.15	S	31.96	W	267.07	186.87	0.00	0.00	0.00

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Flying Dutchman 1-24C5
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013529690000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5138 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0717 FNL 1280 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 24 Township: 03.0S Range: 05.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/5/2016	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Please see attached proposed recompletion procedure along with current and post WBD's.

Approved by the
October 04, 2016
Oil, Gas and Mining

Date: _____
 By: D. K. Quist

NAME (PLEASE PRINT) Linda Renken	PHONE NUMBER 713 997-5138	TITLE Sr. Regulatory Analyst
SIGNATURE N/A	DATE 9/29/2016	

Flying Dutchman 1-24 C5 - Recom Summary Procedure

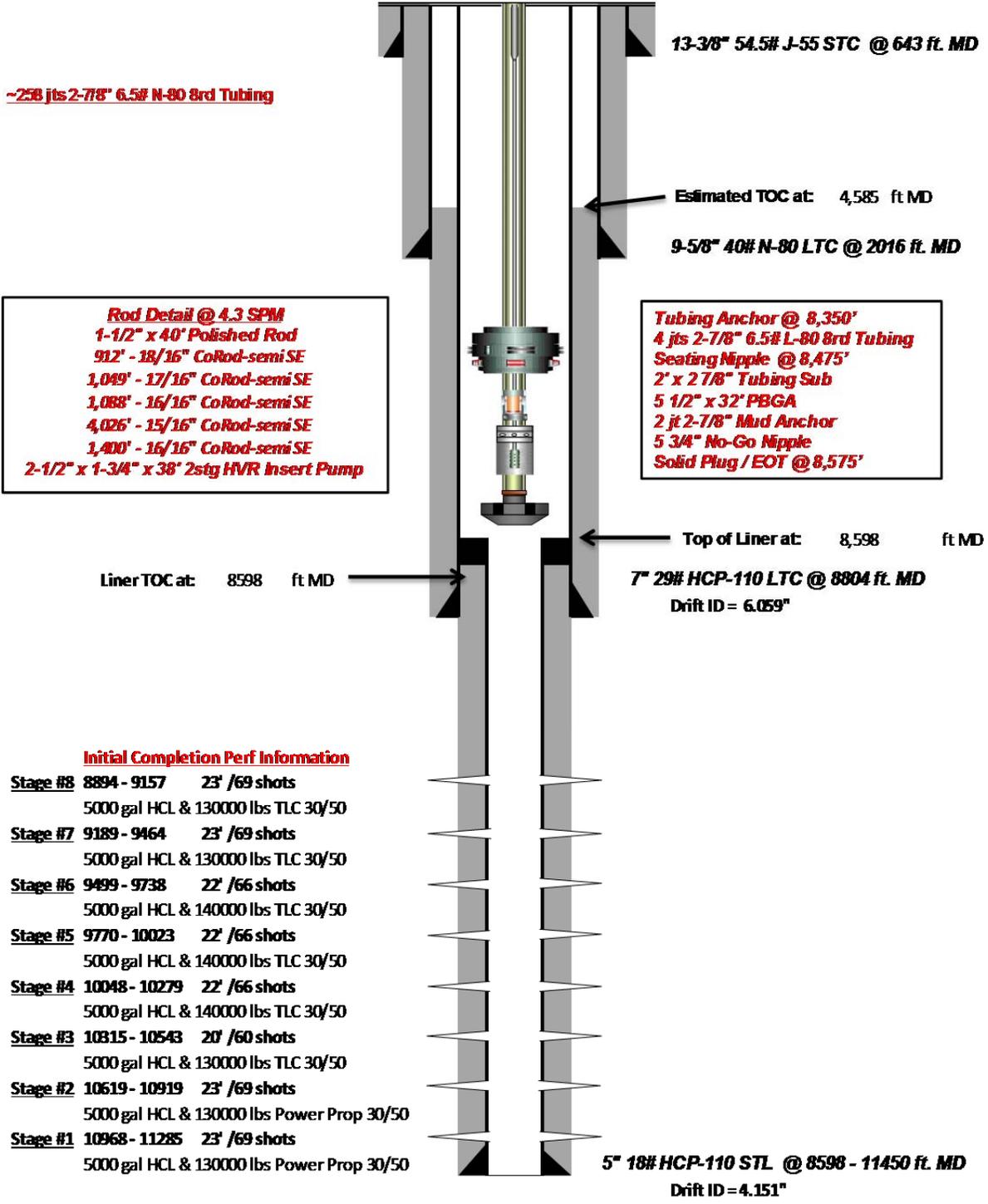
- POOH with co-rod, pump & tubing. Inspect/Repair/Re-furbish as needed. Replace any bad tubing and joints of rods.
- Set 15k CBP for 5" 18# casing @ 8,885' w/ 15' cement dump bailed on plug. Test casing to frac pressure.
- Stage 1:
 - Perforate new CP 70 interval from **8,564' - 8,807'**.
 - Prop Frac perforations with **130,000** lbs 30/50 prop (w/ **7,000** lbs 100 mesh & **7,000** gals 15% HCl acid) (Stage 1 Recom).
- Stage 2:
 - RIH with 7" CBP & set @ **8,253'**.
 - Perforate new LGR interval from **8,168' - 8,238'**.
 - Acid Frac Perforations with **8,000** gals 15% HCl acid (Stage 2 Recom).
- Stage 3:
 - RIH with 7" CBP & set @ **7,901'**.
 - Perforate new LGR interval from **7,706' - 7,886'**.
 - Prop Frac perforations with **110,000** lbs 30/50 prop (w/ **6,000** lbs 100 mesh & **7,000** gals 15% HCl acid) (Stage 3 Recom).
- Stage 4:
 - RIH with 7" CBP & set @ **7,620'**.
 - Perforate new LGR interval from **7,540' - 7,605'**.
 - Acid Frac Perforations with **8,000** gals 15% HCl acid (Stage 4 Recom).
- Clean out well drilling up (3) 7" CBPs at 7,620', 7,901' and 8,253', leaving cement and 5" 15k CBP @ 8,885' w/ 15' CMT. Top perf BELOW plugs @ 8,894'.
- RIH w/ production co-rod and tubing.
- Clean location and resume production.



Current Pumping Wellbore Schematic

Well Name: **Flying Dutchman 1-24C5**
 Company Name: **EP Energy**
 Field, County, State: **Altamont, Duchesne, Utah**
 Surface Location: **Lat: 40°12'39.570" N Long: 110°23'37.847" W**
 Producing Zone(s): **Wasatch**

Last Updated: **12/15/2014**
 By: **Tomova**
 TD: **11,458**
 API: **43013529690000**
 AFE: **159889**



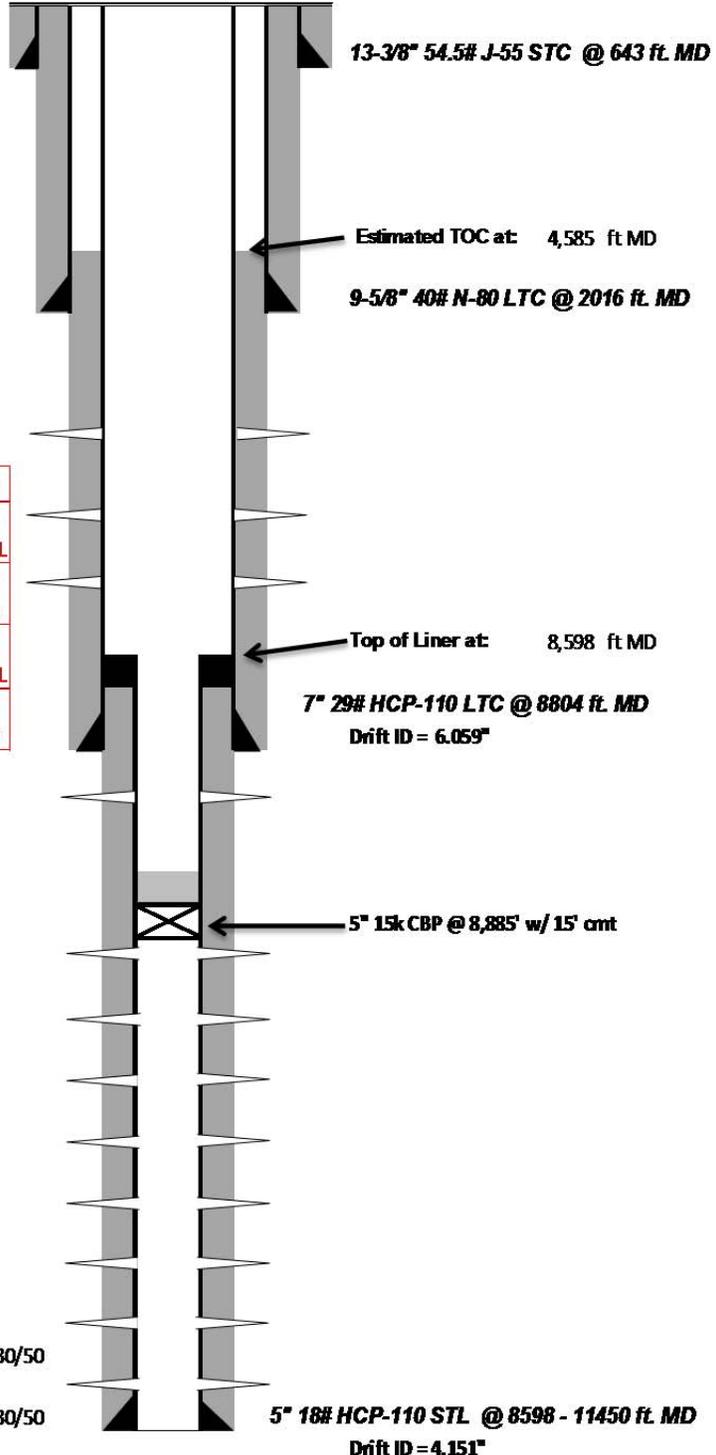


Proposed Recom Schematic

Well Name: Flying Dutchman 1-24C5
 Company Name: EP Energy
 Field, County, State: Altamont, Duchesne, Utah
 Surface Location: Lat: 40°12'39.570" N Long: 110°23'37.847" W
 Producing Zone(s): Wasatch

Last Updated: 9/29/2016
 By: Fondren
 TD: 11,458
 API: 43013529690000
 AFE: _____

~258 jts 2-7/8" 6.5# N-80 8rd Tubing



2016 Recompletion	
Stage 4: 7,540' - 7,605' (10'/30 holes)	8,000 gals HCL
Stage 3: 7,706' - 7,886' (23'/69 holes)	7,000 gals HCL + 6,000 lbs 100M + 110,000 lbs 30/50
Stage 2: 8,168' - 8,238' (14'/42 holes)	8,000 gals HCL
Stage 1: 8,564' - 8,807' (23'/69 holes)	7,000 gals HCL + 7,000 lbs 100M + 130,000 lbs 30/50

Initial Completion Perf Information			
Stage #8	8894 - 9157	23' /69 shots	5000 gal HCL & 130000 lbs TLC 30/50
Stage #7	9189 - 9464	23' /69 shots	5000 gal HCL & 130000 lbs TLC 30/50
Stage #6	9499 - 9738	22' /66 shots	5000 gal HCL & 140000 lbs TLC 30/50
Stage #5	9770 - 10023	22' /66 shots	5000 gal HCL & 140000 lbs TLC 30/50
Stage #4	10048 - 10279	22' /66 shots	5000 gal HCL & 140000 lbs TLC 30/50
Stage #3	10315 - 10543	20' /60 shots	5000 gal HCL & 130000 lbs TLC 30/50
Stage #2	10619 - 10919	23' /69 shots	5000 gal HCL & 130000 lbs Power Prop 30/50
Stage #1	10968 - 11285	23' /69 shots	5000 gal HCL & 130000 lbs Power Prop 30/50