

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 Miya 3-6C4								
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') Miya Trust						14. SURFACE OWNER PHONE (if box 12 = 'fee') 310-398-0249								
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 12112 Havelock Avenue, Culver City, CA 90230						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 type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>								
20. LOCATION OF WELL		FOOTAGES		QTR-QTR		SECTION		TOWNSHIP		RANGE		MERIDIAN		
LOCATION AT SURFACE		1050 FNL 700 FWL		NWNW		6		3.0 S		4.0 W		U		
Top of Uppermost Producing Zone		1500 FNL 900 FWL		SWNW		6		3.0 S		4.0 W		U		
At Total Depth		1500 FNL 900 FWL		SWNW		6		3.0 S		4.0 W		U		
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 700			23. NUMBER OF ACRES IN DRILLING UNIT 640								
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1700			26. PROPOSED DEPTH MD: 12416 TVD: 12400								
27. ELEVATION - GROUND LEVEL 6023			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 - 2000	40.0	N-80 LT&C	9.2	Type V	225	3.16	11.0				
							Class G	195	1.3	14.3				
I1	8.75	7	0 - 9716	29.0	HCP-110 LT&C	10.6	Class G	506	1.91	12.5				
							Class G	241	1.65	13.0				
L1	6.125	5	9516 - 12416	18.0	HCP-110 LT&C	13.5	Class G	172	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 checked="" 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 03/04/2014				EMAIL maria.gomez@epenergy.com						
API NUMBER ASSIGNED 43013528790000				APPROVAL  Permit Manager										

**Miya 3-6C4
Sec. 6, T3S, R4W
DUCHESNE COUNTY, UT**

EP ENERGY E&P COMPANY, L.P.

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers

<u>Formation</u>	<u>Depth</u>
Green River (GRRV)	4,190' TVD
Green River (GRTN1)	5,840' TVD
Mahogany Bench	6,340' TVD
L. Green River	7,840' TVD
Wasatch	9,650' TVD
T.D. (Permit)	12,400' TVD

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River (GRRV)	4,195' MD / 4,190' TVD
	Green River (GRTN1)	5,848' MD / 5,840' TVD
	Mahogany Bench	6,350' MD / 6,340' TVD
Oil	L. Green River	7,853' MD / 7,840' TVD
Oil	Wasatch	9,666' MD / 9,650' 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 2,000' MD/TVD on Conductor. A 10M BOP stack w/ rotating head, spacer spool, 5M annular, flex rams, blind rams & single w/ flex rams from 2,000' MD/TVD to 9,716' MD / 9,700' TVD. A 10M BOP stack w/ rotating head, spacer spool, 5M annular, flex rams, blind rams & single w/ flex rams. The BOPE and related equipment will meet the requirements of the 5M and 10M system.

OPERATORS MINIMUM SPECIFICATIONS FOR BOPE:

The surface casing will be equipped with a flanged casing head of 5M psi working pressure. An 11" 5M x 11" 10M spool, 11" x 10M psi BOP and 5M psi annular will be nipped up on the surface casing and tested to 250 psi low test / 3,000 psi high test for 10 minutes each prior to drilling out. The surface casing will be tested to 1,000 psi. for 30 mins. Intermediate casing will be tested to the greater of 1,500 psi or 0.22 psi/ft. The choke manifold equipment, upper Kelly cock and floor safety valves will be tested to 5M psi. The annular preventer will

be tested to 250 psi low test / 4,000 psi high test. The 10M BOP will be installed with rotating head, spacer spool, 5M annular, flex rams, blind rams & single w/ flex rams from surface shoe to TD. The BOPE will be hydraulically operated.

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

Statement on Accumulator System and Location of Hydraulic Controls:

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

Auxiliary Equipment:

- A) Pason Gas Monitoring 600' - TD
- B) Mud logger with gas monitor – 2,000' to TD
- C) Choke manifold with one manual and one hydraulic operated choke
- D) Full opening floor valve with drill pipe thread
- E) Upper and lower Kelly cock
- F) Shaker, de-sander and 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 – 9.2
Intermediate	WBM	9.2 – 10.6
Production	WBM	10.6 – 13.5

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

Visual mud monitoring equipment will be utilized.

6. **Evaluation Program:**

Logs:

Mud Log: 2,000' MD/TVD – TD

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

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 12,400' TVD equals approximately 8,705 psi. This is calculated based on a 0.702 psi/ft gradient (13.5 ppg mud density at TD).

Maximum anticipated surface pressure equals approximately 5,977 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

Maximum anticipated surface pressure based on frac gradient at 7" casing shoe is 0.8 psi/ft at 9,700' TVD = 7,760 psi

BOPE and casing design will be based on the lesser of the two MASPs which is 5,977 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	2000	40.00	N-80	LTC	5,750	3,090	737
INTERMEDIATE	7"	0	9716	29.00	HCP-110	LTC	11,220	9,750	797
PRODUCTION LINER	5'	9516	12416	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	1,500	EXTENDACEM SYSTEM: Type V Cement + 5 lbm/sk Silicalite Compacted + 0.25 lbm/sk Kwik Seal + 0.125 lbm/sk Poly-E-Flake + 2% Bentonite	225	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 + 0.5% HR-5	195	50%	14.3 ppg	1.30
INTERMEDIATE	Lead	5,866	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	506	10%	12.5 ppg	1.91
	Tail	2,350	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	241	10%	13.0 ppg	1.65
PRODUCTION LINER		2,900	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	172	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 7,800'.
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

EL PASO E&P COMPANY, L.P.
MIYA 3-6C4
SECTION 6, T3S, R4W, U.S.B.&M.

PROCEED NORTH ON PAVED STATE HIGHWAY 87 FROM THE INTERSECTION OF HIGHWAY 87 WITH U.S. HIGHWAY 40 IN DUCHESNE, UTAH APPROXIMATELY 6.0 MILES TO AN INTERSECTION;

TURN LEFT AND TRAVEL WESTERLY 0.13 MILES ON EXISTING STATE HIGHWAY 35 TO AN INTERSECTION;

TURN RIGHT AND TRAVEL NORTHERLY 0.32 MILES ON EXISTING GRAVEL ROAD TO THE PROPOSED ACCESS ROAD;

TURN RIGHT AND TRAVEL EASTERLY 0.11 MILES ALONG THE PROPOSED ACCESS ROAD TO THE PROPOSED LOCATION;

TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 6.56 MILES.

CONFIDENTIAL

EL PASO E & P COMPANY, L.P.

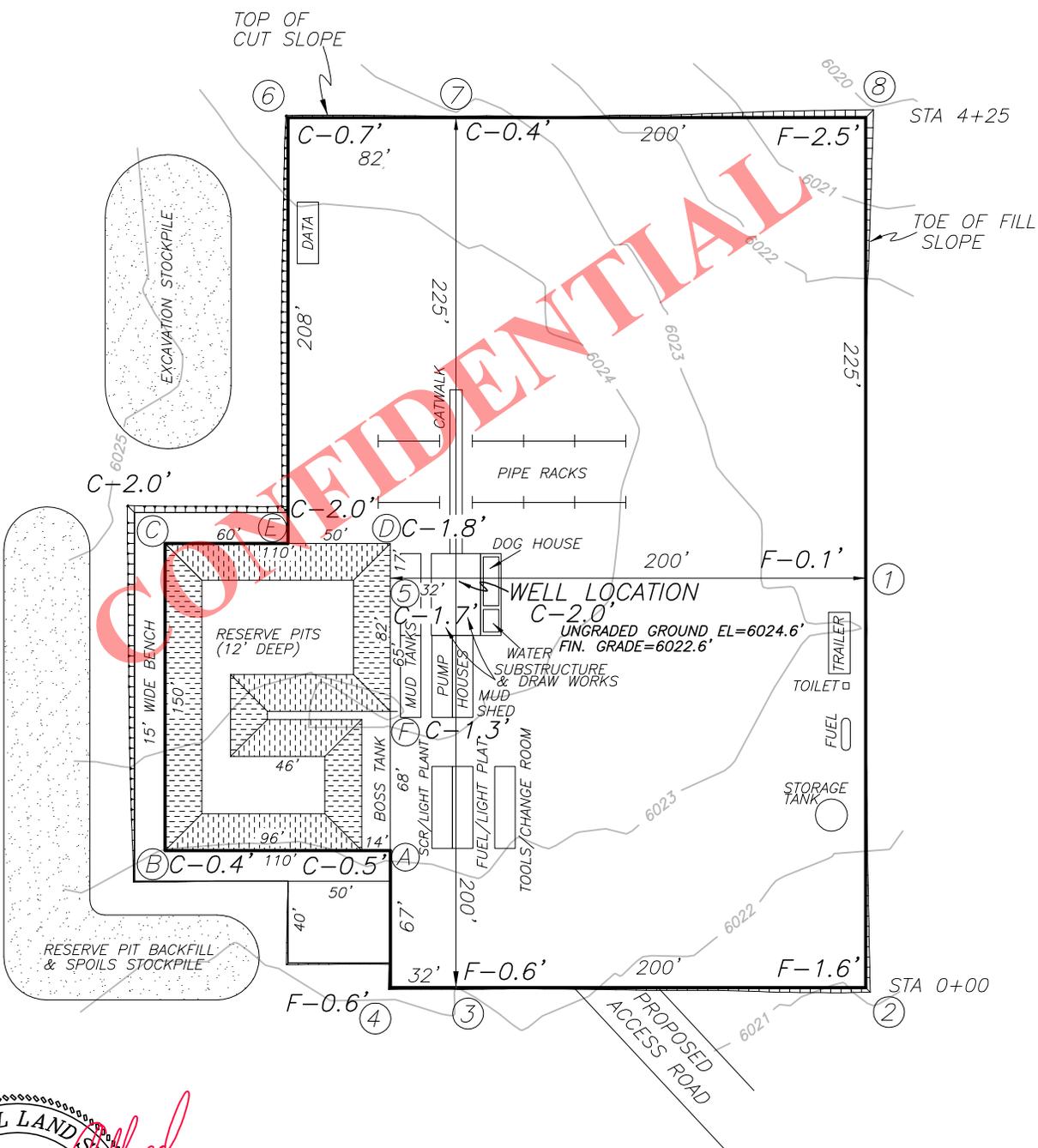
FIGURE #1

LOCATION LAYOUT FOR

MIYA 3-6C4

SECTION 6, T3S, R4W, U.S.B.&M.

1050' FNL, 700' FWL

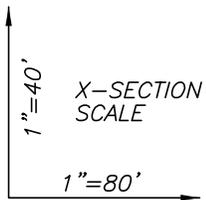


EL PASO E & P COMPANY, L.P.

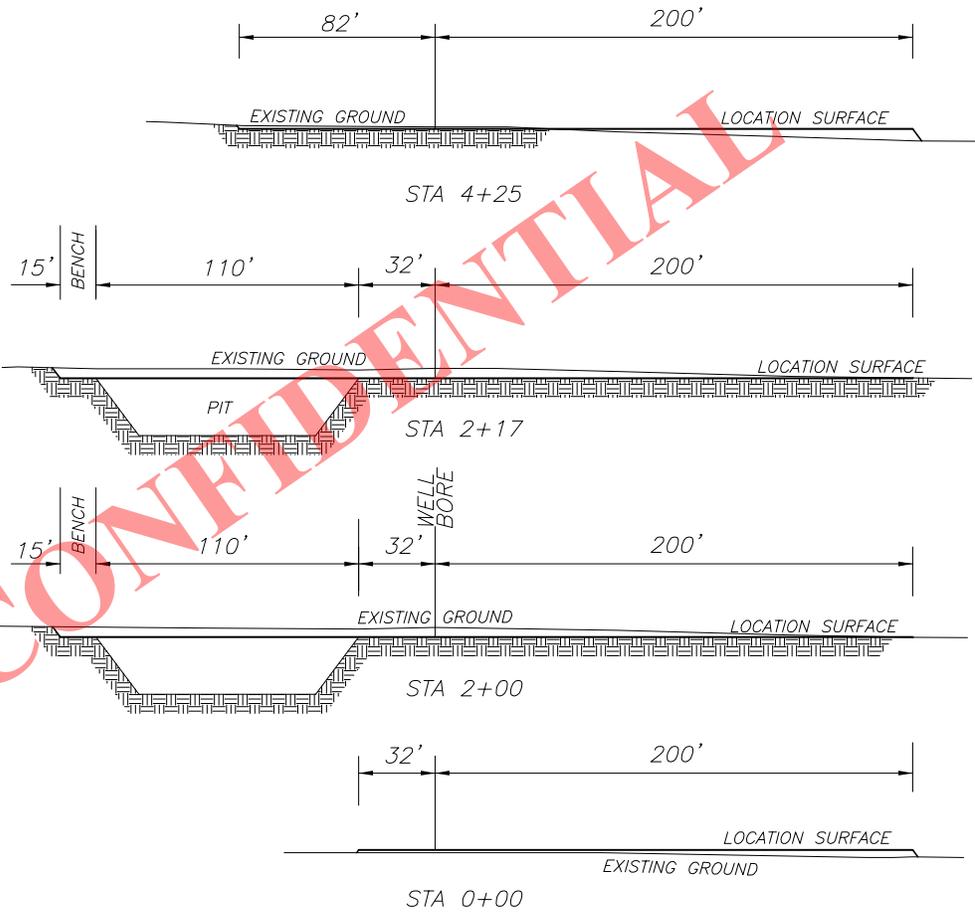
FIGURE #2

LOCATION LAYOUT FOR
MIYA 3-6C4

SECTION 6, T3S, R4W, U.S.B.&M.
1050' FNL, 700' FWL

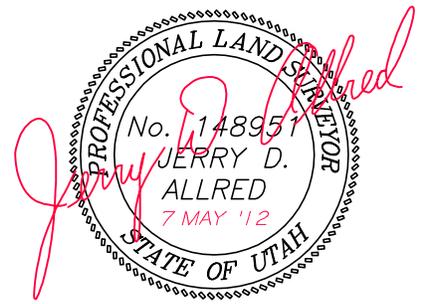


NOTE: ALL CUT/FILL
SLOPES ARE 1½:1
UNLESS OTHERWISE
NOTED



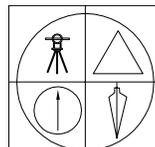
APPROXIMATE QUANTITIES

- TOTAL CUT (INCLUDING PIT) = 9528 CU. YDS.
- PIT CUT = 4572 CU. YDS.
- TOPSOIL STRIPPING: (6") = 2502 CU. YDS.
- REMAINING LOCATION CUT = 2454 CU. YDS.
- TOTAL FILL = 1194 CU. YDS.
- LOCATION SURFACE GRAVEL=1374 CU. YDS. (4" DEEP)
- ACCESS ROAD GRAVEL=140 CU. YDS.



7 MAY 2012

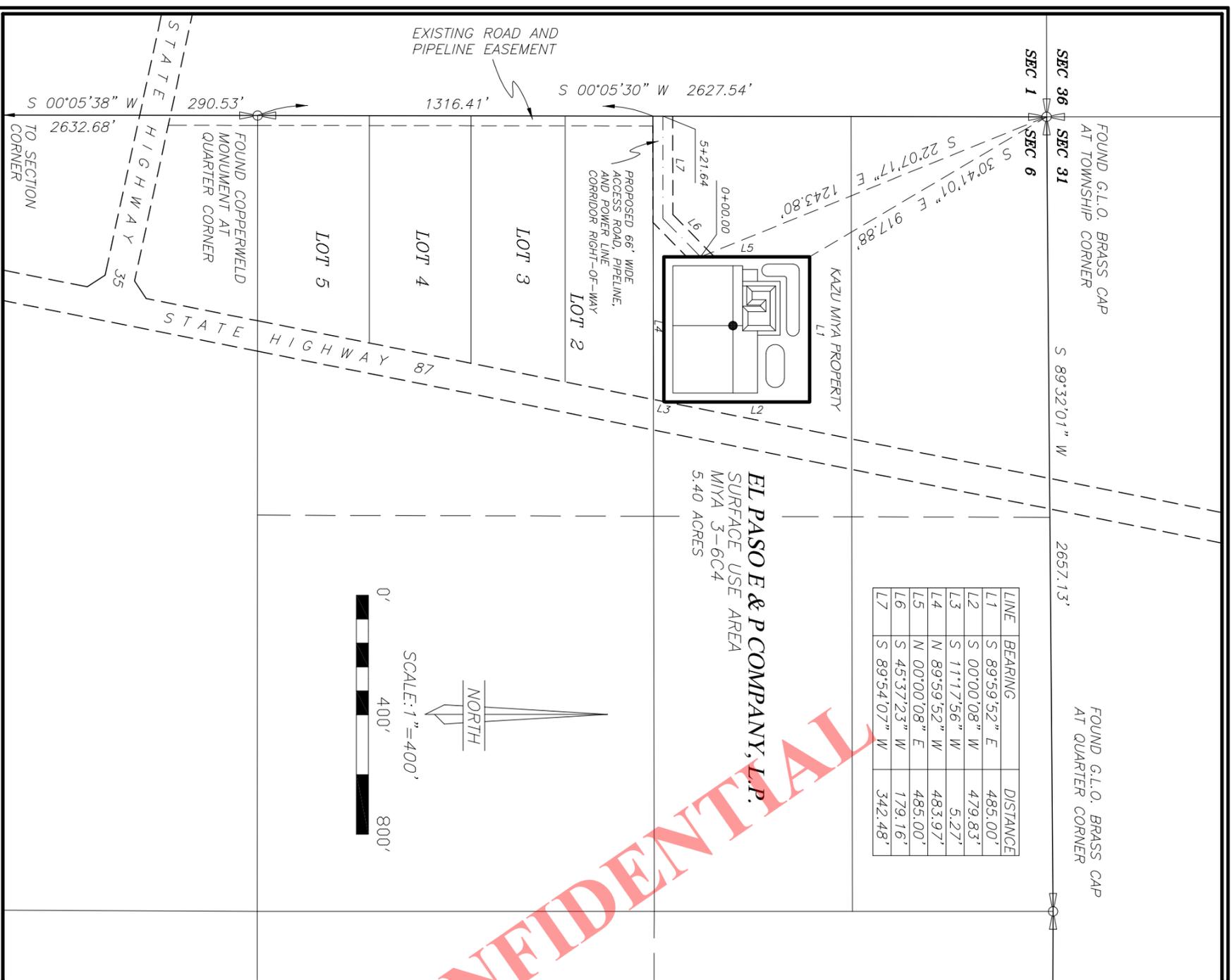
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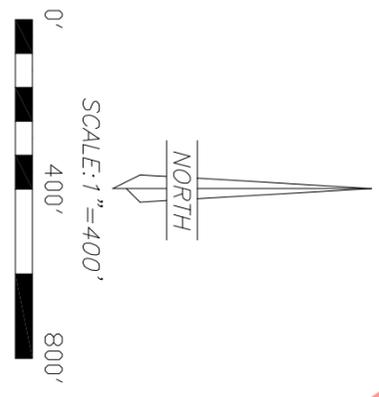
JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

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

RECEIVED: May 15, 2014



CONFIDENTIAL



LOCATION USE AREA AND ACCESS ROAD, POWER LINE, AND PIPELINE
CORRIDOR RIGHT-OF-WAY SURVEY FOR
EL PASO E&P COMPANY, L.P.
MIYA 3-6C4
SECTION 6, T3S, R4W, U.S.B.&M.
DUCHESSNE COUNTY, UTAH

USE AREA BOUNDARY

Commencing as the Northwest Corner of Section 6, Township 3 South, Range 4 West of the Uintah Special Base and Meridian;
Thence South 30°41'01" East 917.88 feet to the TRUE POINT OF BEGINNING;
Thence South 89°59'52" East 485.00 feet;
Thence South 00°00'08" West 479.83 feet to the West right-of-way line of State Highway 87;
Thence South 11°17'56" West 5.27 feet along said West right-of-way line;
Thence North 89°59'52" West 483.97 feet;
Thence North 00°00'08" East 485.00 feet to the TRUE POINT OF BEGINNING, containing 5.40 acres.

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

A 66 feet wide, access road, pipeline, and power line corridor right-of-way over portions of Section 6, Township 3 South, Range 4 West of the Uintah Special Base and Meridian, the centerline of which is further described as follows:
Commencing at the Northwest Corner of said Section 6;
Thence South 22°07'17" East 1243.80 feet to the TRUE POINT OF BEGINNING, said point being on the West line of the El Paso E&P Company Miya 3-6C4 well location surface use area boundary;
Thence South 45°37'23" West 179.16 feet;
Thence South 89°54'07" West 342.48 feet to an existing road and pipeline right-of-way. Said right-of-way being 521.64 feet in length with the sidelines being shortened or elongated to intersect said use area boundary and said road right-of-way line.

SURVEYOR'S CERTIFICATE

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

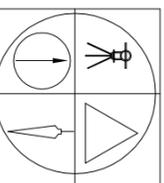
Jerry D. Allred, Professional Land Surveyor,
Certificate 148951 (Utah)



THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT

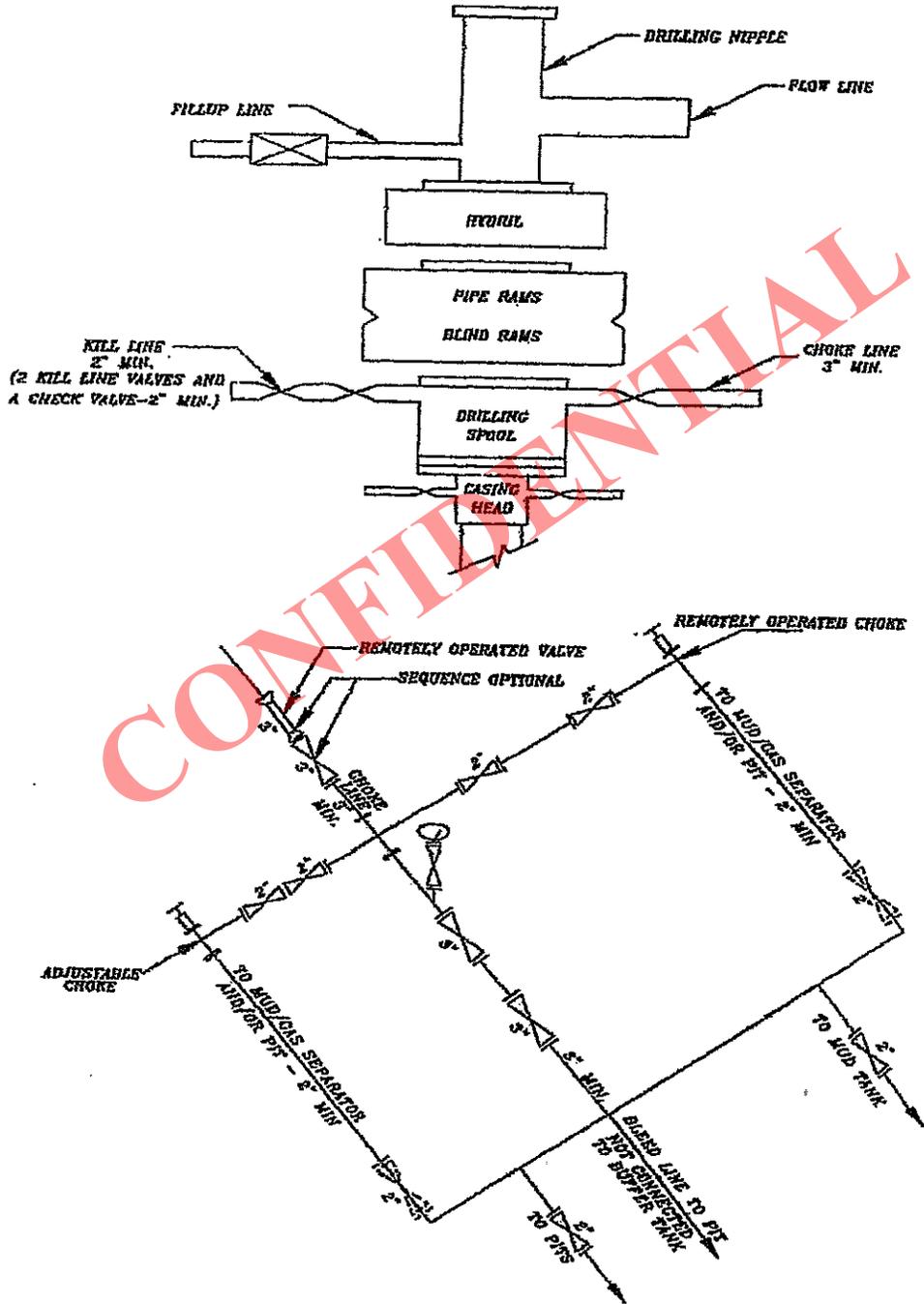
THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT THE SECTION CORNER LOCATED AT LAT. 40°15'22.90258"N AND LONG. 110°23'21.19760"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

4 MAY 2012 01-128-294

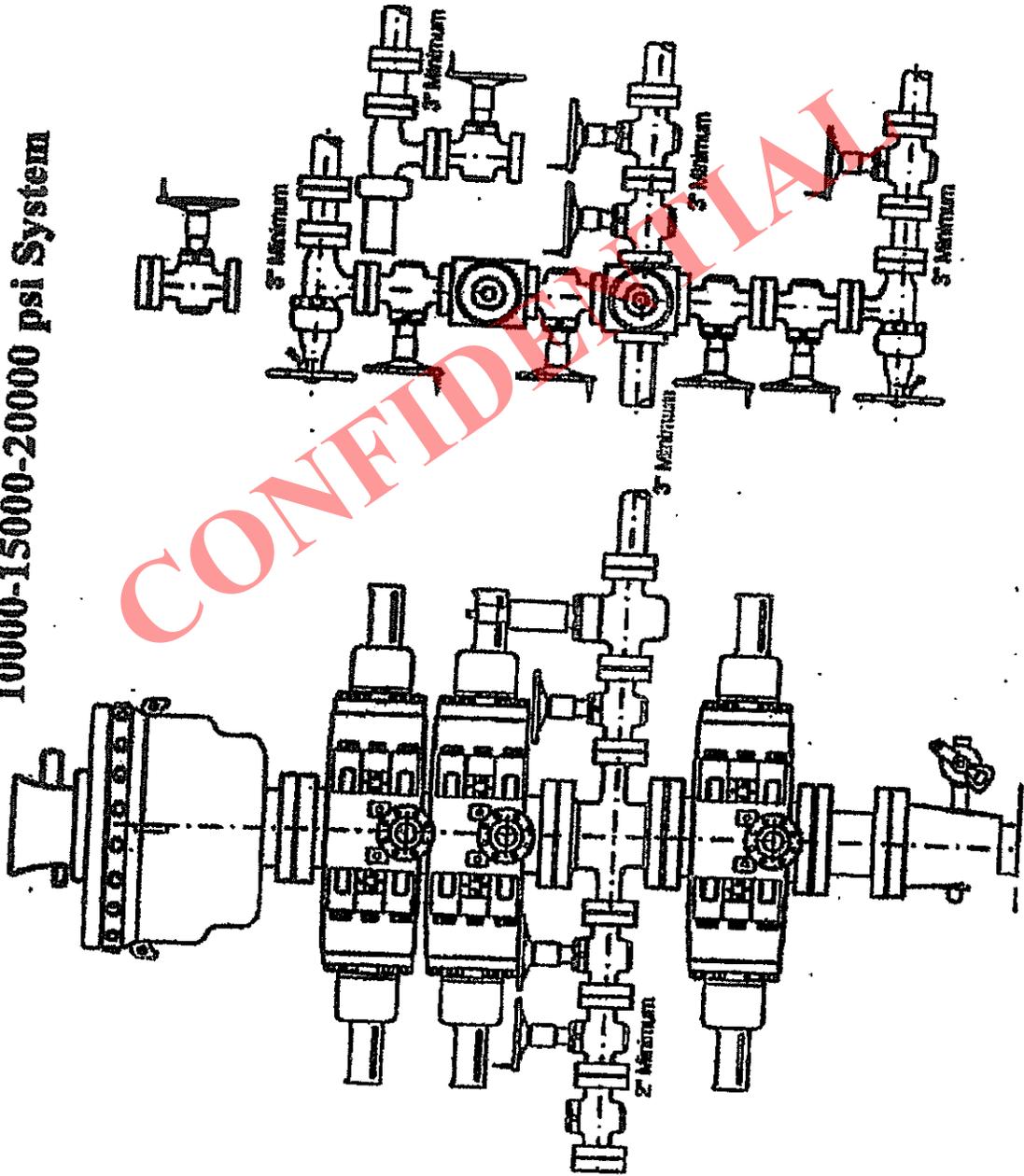


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5M BOP STACK and CHOKE MANIFOLD SYSTEM



10000-15000-20000 psi System



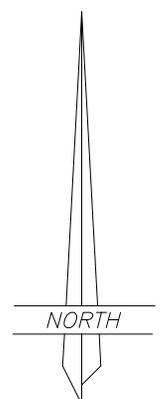
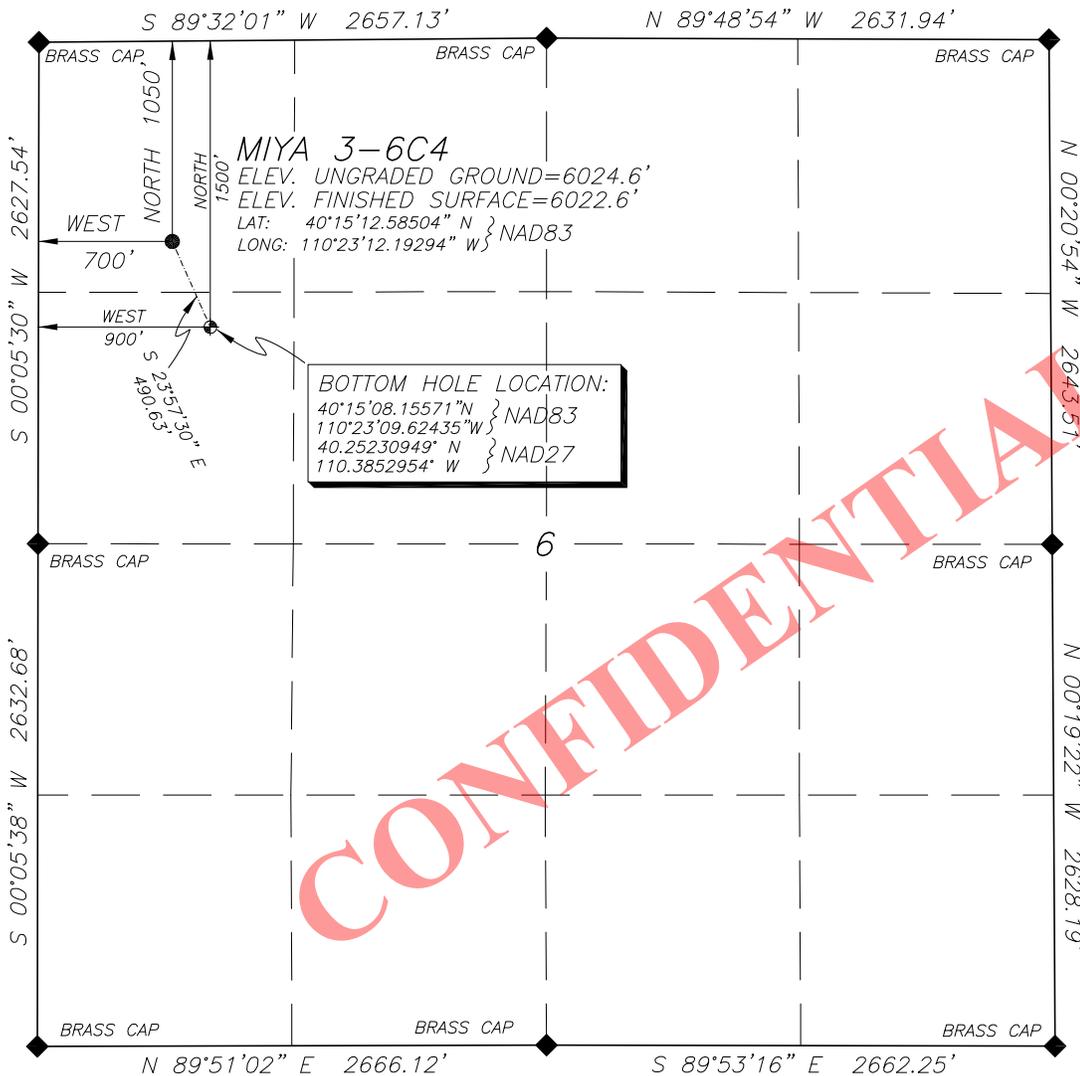
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EL PASO E & P COMPANY, L.P.

LOCATED IN THE NW¼ OF THE NW¼ OF SECTION 6, T3S, R4W, U.S.B.&M. DUCHESNE COUNTY, UTAH

WELL LOCATION

MIYA 3-6C4



SCALE: 1" = 1000'

NOTE:
 NAD27 VALUES FOR WELL POSITION:
 LAT: $40.25353991^{\circ}\ N$
 LONG: $110.38600884^{\circ}\ W$

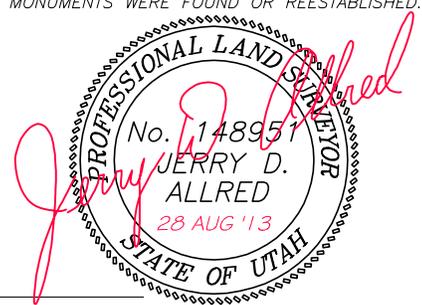
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LEGEND AND NOTES

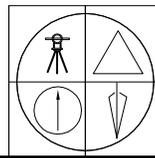
- ◆ CORNER MONUMENTS FOUND AND USED BY THIS SURVEY
- THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS AS WAS THE U.S.G.S. MAP
- THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT
- THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S.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

SURVEYOR'S CERTIFICATE

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



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

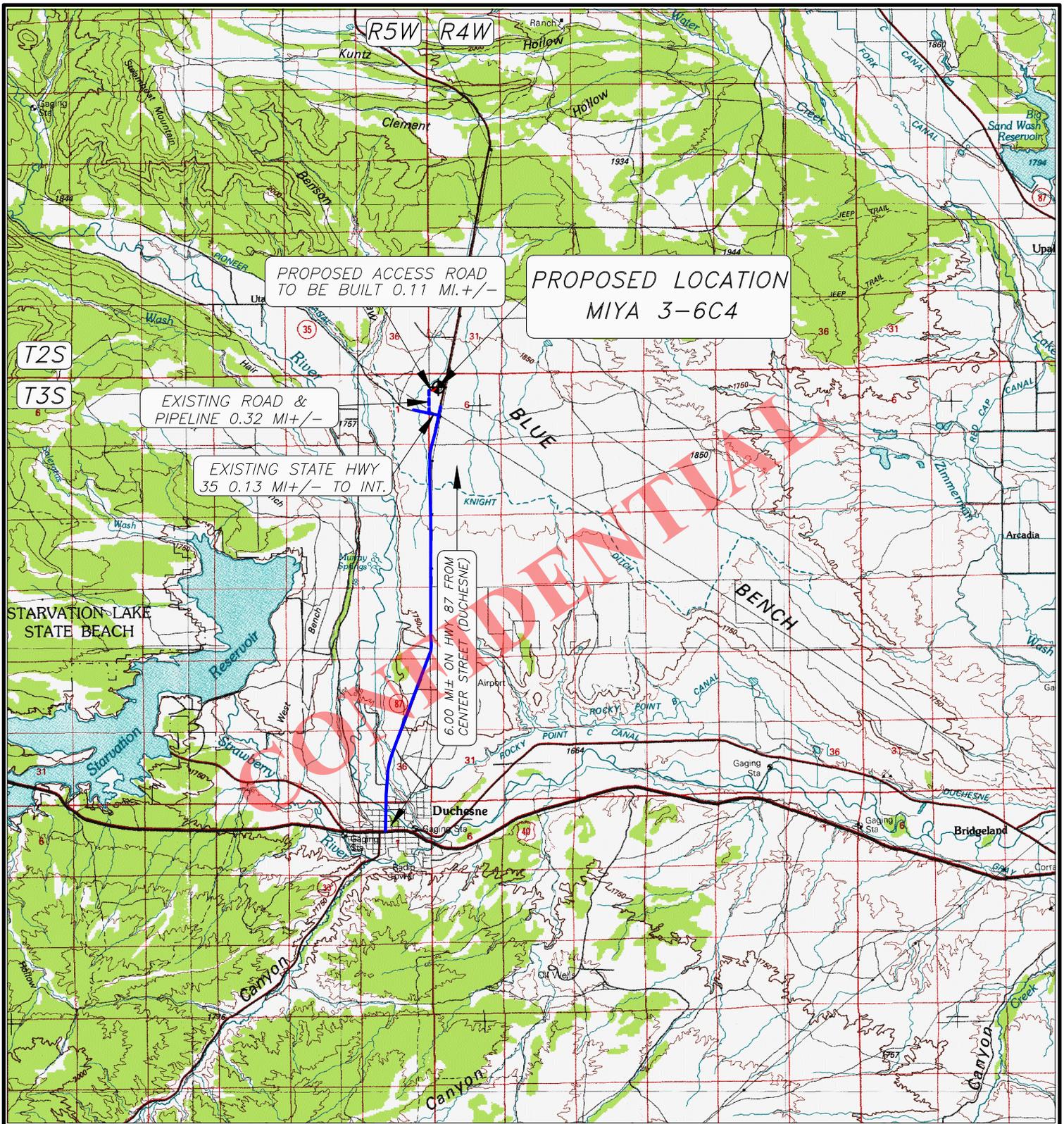


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REV 28 AUG 2013
 1 MAY 2012 01-128-294

RECEIVED: March 04, 2014



PROPOSED ACCESS ROAD TO BE BUILT 0.11 MI.+/-

PROPOSED LOCATION MIYA 3-6C4

EXISTING ROAD & PIPELINE 0.32 MI+/-

EXISTING STATE HWY 35 0.13 MI+/- TO INT.

6.00 MI± ON HWY 87 FROM CENTER STREET (DUCHEсне)

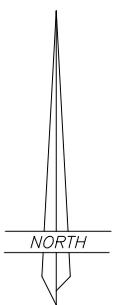
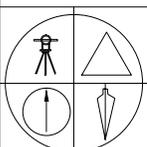
LEGEND:

 PROPOSED WELL LOCATION

01-128-294

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EL PASO E & P COMPANY, L.P.

MIYA 3-6C4

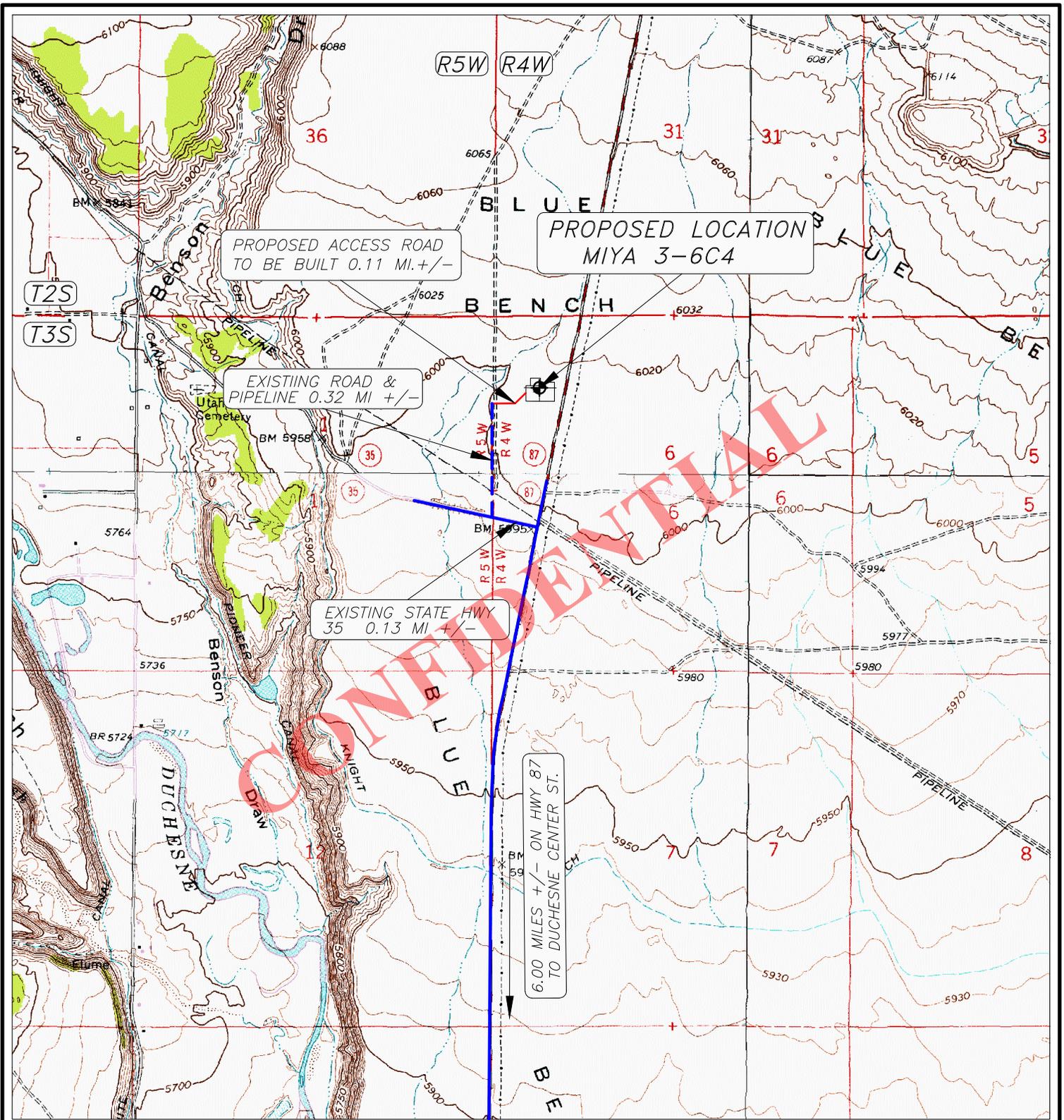
SECTION 6, T3S, R4W, U.S.B.&M.

1050' FNL 700' FWL

TOPOGRAPHIC MAP "A"

SCALE; 1"=10,000'

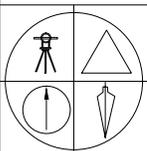
7 MAY 2012



LEGEND:

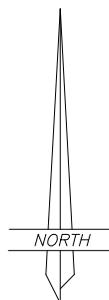
-  PROPOSED WELL LOCATION
-  PROPOSED ACCESS ROAD
-  EXISTING GRAVEL ROAD
-  EXISTING PAVED ROAD

01-128-294



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975
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EL PASO E & P COMPANY, L.P.

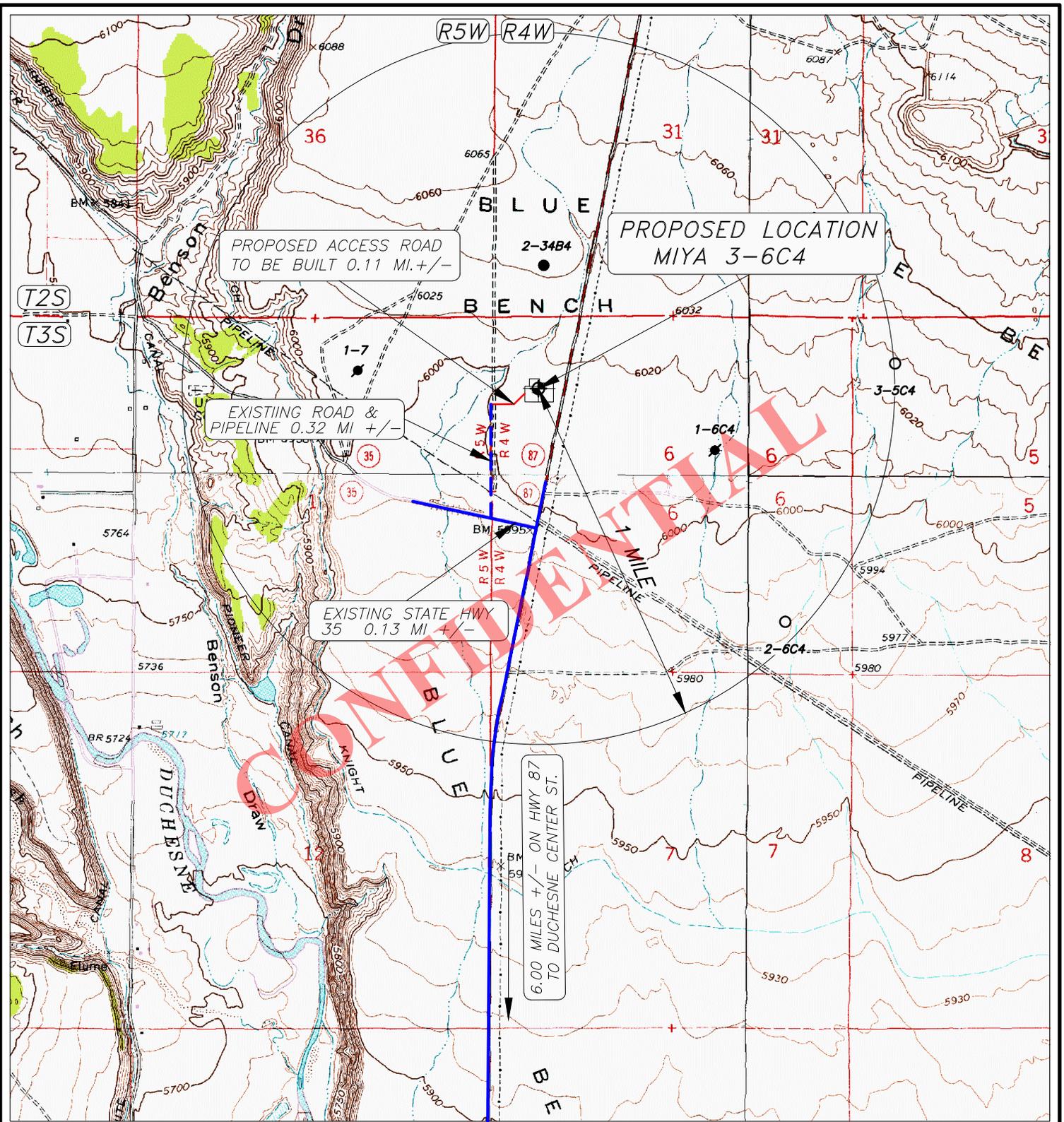
MIYA 3-6C4

SECTION 6, T3S, R4W, U.S.B.&M.

1050' FNL 700' FWL

TOPOGRAPHIC MAP "B"

SCALE; 1"=2000'
7 MAY 2012



PROPOSED ACCESS ROAD TO BE BUILT 0.11 MI +/-

PROPOSED LOCATION MIYA 3-6C4

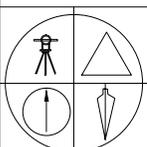
EXISTING ROAD & PIPELINE 0.32 MI +/-

EXISTING STATE HWY 35 0.13 MI +/-

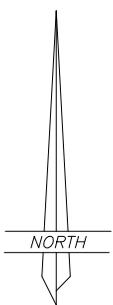
6.00 MILES +/- ON HWY 87 TO DUCHESNE CENTER ST.

LEGEND:

-  PROPOSED WELL LOCATION
 -  OTHER WELLS AS LOCATED FROM SUPPLIED MAP
- 01-128-294



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



EL PASO E & P COMPANY, L.P.

MIYA 3-6C4
 SECTION 6, T3S, R4W, U.S.B.&M.
 1050' FNL 700' FWL

TOPOGRAPHIC MAP "C"

SCALE: 1"=2000'
 7 MAY 2012



EP ENERGY

DUCHESNE COUNTY, UT

MIYA 3-6C4

MIYA 3-6C4

MIYA 3-6C4

Plan: Design #1

PROPOSAL

15 January, 2014

CONFIDENTIAL



Weatherford[®]

API Well Number: 43013528790000



Project: DUCHESNE COUNTY, UT
 Site: MIYA 3-6C4
 Well: MIYA 3-6C4
 Wellbore: MIYA 3-6C4
 Design: Design #1
 Latitude: 40° 15' 12.585 N
 Longitude: 110° 23' 12.193 W
 GL: 6022.60
 KB: WELL @ 6039.60ft (Original Well Elev)



WELL DETAILS: MIYA 3-6C4

+N-S	+E-W	Northing	Ground Level:	6022.60	Longitude	Slot
0.00	0.00	7262996.33	Easting	1951128.87	40° 15' 12.585 N	
			Latitude		110° 23' 12.193 W	

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.00	Start Build 1.50
2258.30	3.87	156.04	2258.10	-7.98	3.54	1.50	156.04	8.73	Start 6999.79 hold at 2258.30 MD
9258.09	3.87	156.04	9241.90	-440.21	195.60	0.00	0.00	481.71	Start Drop -1.50
9516.39	0.00	0.00	9500.00	-448.19	199.14	1.50	180.00	490.44	Start 2900.00 hold at 9516.39 MD
12416.39	0.00	0.00	12400.00	-448.19	199.14	0.00	0.00	490.44	TD at 12416.39

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
VP MIYA 3-6C4	9500.00	-448.19	199.14	7262550.65	1951333.57	40° 15' 8.156 N	110° 23' 9.624 W
PBHL MIYA 3-6C4	12400.00	-448.19	199.14	7262550.65	1951333.57	40° 15' 8.156 N	110° 23' 9.624 W

Azimuths to True North
 Magnetic North: 11.23°
 Magnetic Field Strength: 51985.8snT
 Dip Angle: 65.82°
 Date: 1/14/2014
 Model: BGGM2013

PROJECT DETAILS: DUCHESNE COUNTY, UT

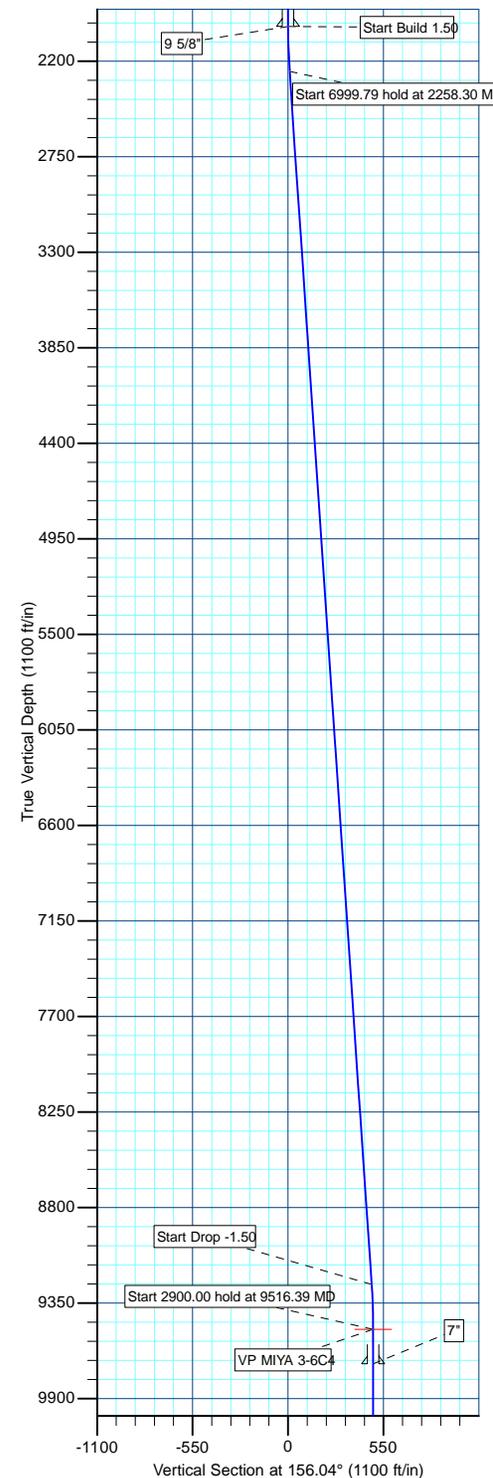
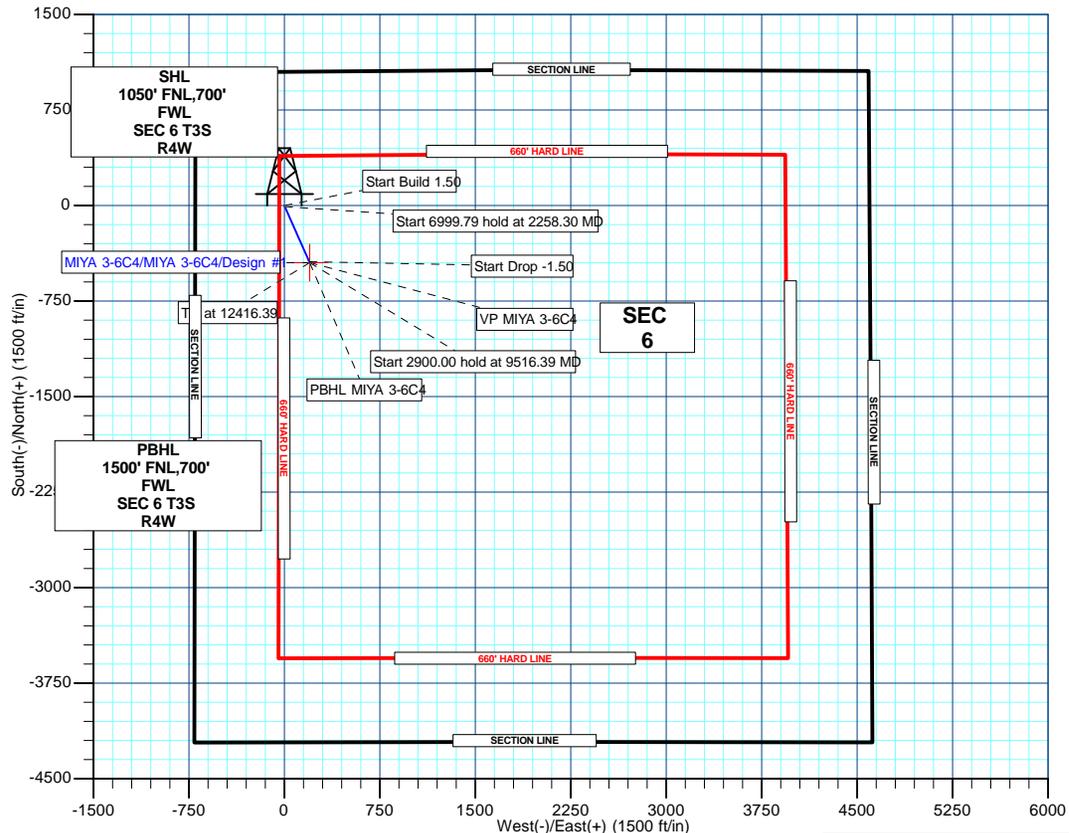
Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Utah Central Zone
 System Datum: Mean Sea Level

CASING DETAILS

TVD	MD	Name	Size
2000.00	2000.00	9 5/8"	9-5/8
9700.00	9716.39	7"	7
12400.00	12416.39	5"	5

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
4190.00	4194.62	GREEN RIVER (GRRV)
5840.00	5848.40	GREEN RIVER (GRTN1)
6340.00	6349.55	MAHOGANY BENCH
7840.00	7852.98	LOWER GREEN RIVER (TGR3)
9650.00	9666.39	WASATCH (W090TU2)



Plan: Design #1 (MIYA 3-6C4/MIYA 3-6C4)

Created By: THOMAS JANOUSEK Date: 10:00, January 15 2014



EP ENERGY

DUCHESNE COUNTY, UT

MIYA 3-6C4

MIYA 3-6C4

MIYA 3-6C4

Plan: Design #1

Standard Planning Report

15 January, 2014

CONFIDENTIAL



Weatherford®

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well MIYA 3-6C4
Company:	EP ENERGY	TVD Reference:	WELL @ 6039.60ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	WELL @ 6039.60ft (Original Well Elev)
Site:	MIYA 3-6C4	North Reference:	True
Well:	MIYA 3-6C4	Survey Calculation Method:	Minimum Curvature
Wellbore:	MIYA 3-6C4		
Design:	Design #1		

Project	DUCHESNE COUNTY, UT		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	MIYA 3-6C4				
Site Position:		Northing:	7,262,996.33 usft	Latitude:	40° 15' 12.585 N
From:	Lat/Long	Easting:	1,951,128.87 usft	Longitude:	110° 23' 12.193 W
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16"	Grid Convergence:	0.71 °

Well	MIYA 3-6C4					
Well Position	+N/-S	0.00 ft	Northing:	7,262,996.33 usft	Latitude:	40° 15' 12.585 N
	+E/-W	0.00 ft	Easting:	1,951,128.87 usft	Longitude:	110° 23' 12.193 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	6,022.60 ft

Wellbore	MIYA 3-6C4				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	BGGM2013	1/14/2014	(°)	(°)	(nT)
			11.24	65.82	51,986

Design	Design #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.00	0.00	0.00	156.04

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,258.30	3.87	156.04	2,258.10	-7.98	3.54	1.50	1.50	0.00	156.04	
9,258.09	3.87	156.04	9,241.90	-440.21	195.60	0.00	0.00	0.00	0.00	
9,516.39	0.00	0.00	9,500.00	-448.19	199.14	1.50	-1.50	0.00	180.00	VP MIYA 3-6C4
12,416.39	0.00	0.00	12,400.00	-448.19	199.14	0.00	0.00	0.00	0.00	PBHL MIYA 3-6C4

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well MIYA 3-6C4
Company:	EP ENERGY	TVD Reference:	WELL @ 6039.60ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	WELL @ 6039.60ft (Original Well Elev)
Site:	MIYA 3-6C4	North Reference:	True
Well:	MIYA 3-6C4	Survey Calculation Method:	Minimum Curvature
Wellbore:	MIYA 3-6C4		
Design:	Design #1		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 1.50 - 9 5/8"										
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start 6999.79 hold at 2258.30 MD										
2,258.30	3.87	156.04	2,258.10	-7.98	3.54	8.73	1.50	1.50	0.00	
GREEN RIVER (GRRV)										
4,194.62	3.87	156.04	4,190.00	-127.55	56.67	139.57	0.00	0.00	0.00	
GREEN RIVER (GRTN1)										
5,848.40	3.87	156.04	5,840.00	-229.67	102.05	251.32	0.00	0.00	0.00	
MAHOGANY BENCH										
6,349.55	3.87	156.04	6,340.00	-260.61	115.80	285.18	0.00	0.00	0.00	
LOWER GREEN RIVER (TGR3)										
7,852.98	3.87	156.04	7,840.00	-353.45	157.05	386.77	0.00	0.00	0.00	
Start Drop -1.50										
9,258.09	3.87	156.04	9,241.90	-440.21	195.60	481.71	0.00	0.00	0.00	
Start 2900.00 hold at 9516.39 MD										
9,516.39	0.00	0.00	9,500.00	-448.19	199.14	490.44	1.50	-1.50	0.00	
WASATCH (W090TU2)										
9,666.39	0.00	0.00	9,650.00	-448.19	199.14	490.44	0.00	0.00	0.00	
7"										
9,716.39	0.00	0.00	9,700.00	-448.19	199.14	490.44	0.00	0.00	0.00	
TD at 12416.39 - 5"										
12,416.39	0.00	0.00	12,400.00	-448.19	199.14	490.44	0.00	0.00	0.00	

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
VP MIYA 3-6C4 - hit/miss target - Shape - Point	0.00	0.00	9,500.00	-448.19	199.14	7,262,550.65	1,951,333.57	40° 15' 8.156 N	110° 23' 9.624 W	
PBHL MIYA 3-6C4 - plan hits target center - Point	0.00	0.00	12,400.00	-448.19	199.14	7,262,550.65	1,951,333.57	40° 15' 8.156 N	110° 23' 9.624 W	

Casing Points						
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")		
12,416.39	12,400.00	5"	5	6-1/8		
9,716.39	9,700.00	7"	7	8-3/4		
2,000.00	2,000.00	9 5/8"	9-5/8	12-1/4		

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well MIYA 3-6C4
Company:	EP ENERGY	TVD Reference:	WELL @ 6039.60ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	WELL @ 6039.60ft (Original Well Elev)
Site:	MIYA 3-6C4	North Reference:	True
Well:	MIYA 3-6C4	Survey Calculation Method:	Minimum Curvature
Wellbore:	MIYA 3-6C4		
Design:	Design #1		

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,194.62	4,190.00	GREEN RIVER (GRRV)		0.00	
5,848.40	5,840.00	GREEN RIVER (GRTN1)		0.00	
6,349.55	6,340.00	MAHOGANY BENCH		0.00	
7,852.98	7,840.00	LOWER GREEN RIVER (TGR3)		0.00	
9,666.39	9,650.00	WASATCH (W090TU2)		0.00	

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
2,000.00	2,000.00	0.00	0.00	Start Build 1.50	
2,258.30	2,258.10	-7.98	3.54	Start 6999.79 hold at 2258.30 MD	
9,258.09	9,241.90	-440.21	195.60	Start Drop -1.50	
9,516.39	9,500.00	-448.19	199.14	Start 2900.00 hold at 9516.39 MD	
12,416.39	12,400.00	-448.19	199.14	TD at 12416.39	

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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 Miya 3-6C4 well (the "Well") to be located in the NW/4NW/4 of Section 6, Township 3 South, Range 4 West, USM, Duchesne County, Utah (the "Drillsite Location"). The surface owner of the Drillsite Location is Yoko Miya, Trustee of the Miya Trust dated 7/19/93, whose address is 12112 Havelock Avenue, Culver City, CA 90230 (the "Surface Owner"). The Surface Owner's telephone number is 310-398-0249.
3. EP Energy and the Surface Owner have entered into a Damage Settlement and Release Agreement dated December 9, 2013, 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 Lynch

 Jacquelyn L. Lynch

CONFIDENTIAL

ACKNOWLEDGMENT

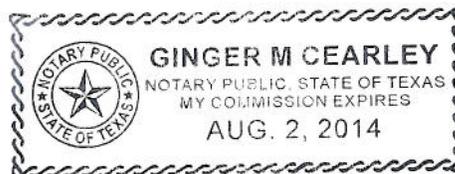
STATE OF TEXAS §
 §
 COUNTY OF HARRIS §

Sworn to and subscribed before me on this 7th day of January, 2014, by Jacquelyn L. Lynch, as Landman for EP Energy E&P Company, L.P., a Delaware limited partnership.

Ginger M. Cearley

 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 .11 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 .11 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:

Yoko Miya
Trustee of the Miya Trust
12112 Havelock Avenue
Culver City, CA 90230
310-398-0249

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:

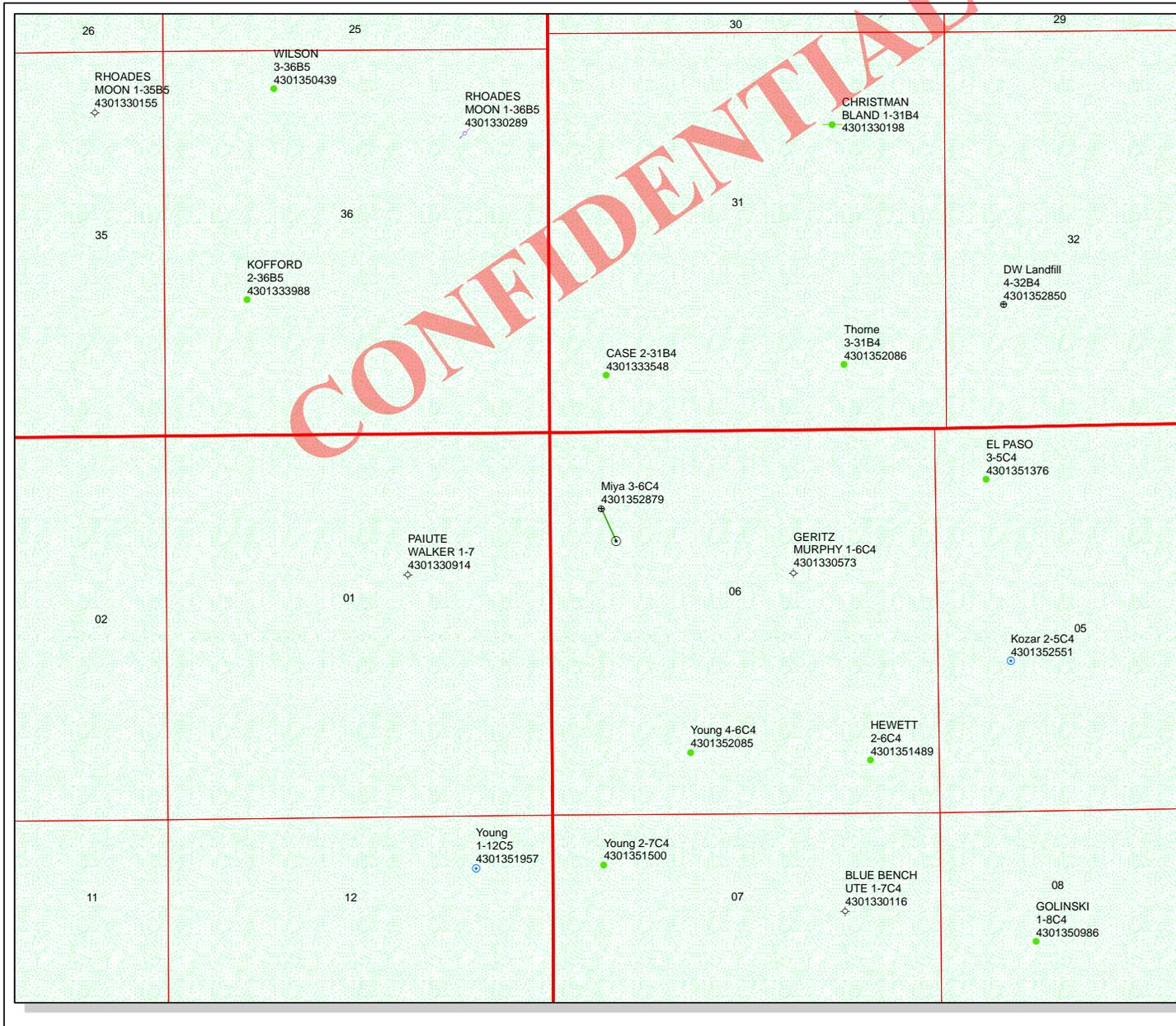
EP Energy E&P Company, L.P.
Wayne Garner
PO Box 410
Altamont, Utah 84001
435-454-3394 – Office
435-823-1490 – Cell

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



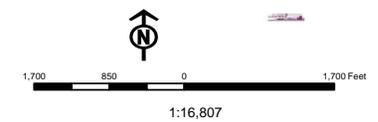
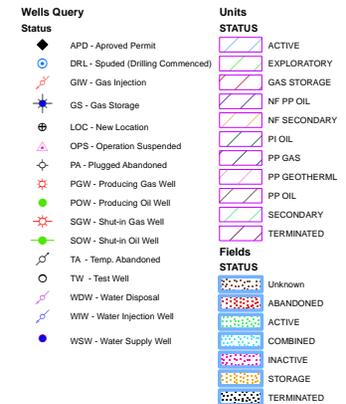
API Number: 4301352879

Well Name: Miya 3-6C4

Township: T03.0S Range: R04.0W Section: 06 Meridian: U

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

Map Prepared: 3/7/2014
Map Produced by Diana Mason



Well Name	EP ENERGY E&P COMPANY, L.P. Miya 3-6C4 43013528790000			
String	COND	SURF	I1	L1
Casing Size(")	13.375	9.625	7.000	5.000
Setting Depth (TVD)	600	2000	9716	12400
Previous Shoe Setting Depth (TVD)	0	600	2000	9716
Max Mud Weight (ppg)	8.8	9.2	10.6	13.5
BOPE Proposed (psi)	1000	1000	10000	10000
Casing Internal Yield (psi)	2730	5750	11220	13940
Operators Max Anticipated Pressure (psi)	8705			13.5

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=	957		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	717	YES	4.5 x 13 3/8 rotating head
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	517	YES	OK
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	649	NO	OK
Required Casing/BOPE Test Pressure=		2000	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		600	psi *Assumes 1psi/ft frac gradient	

Calculations	I1 String	7.000	"	
Max BHP (psi)	.052*Setting Depth*MW=	5355		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	4189	YES	10M BOPE w/rotating head, 5M annular, blind rams, flex
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	3217	YES	rams, mud cross
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3657	NO	OK
Required Casing/BOPE Test Pressure=		7854	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		2000	psi *Assumes 1psi/ft frac gradient	

Calculations	L1 String	5.000	"	
Max BHP (psi)	.052*Setting Depth*MW=	8705		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	7217	YES	10M BOPE w/rotating head, 5M annular, blind rams, flex
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	5977	YES	rams, mud cross
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	8115	YES	OK
Required Casing/BOPE Test Pressure=		9758	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		9716	psi *Assumes 1psi/ft frac gradient	

43013528790000 Miya 3-6C4

Casing Schematic

Surface

13-3/8"
MW 8.8

9-5/8"
MW 9.2
Frac 19.3

7"
MW 10.6
Frac 19.3

5"
MW 13.5

TOC @
329.

Conductor
600. MD
600. TVD

Surface
2000. MD
2000. TVD

4190' Green River
TOC @ 4349.
to 1557 @ 2% w/o, tail 7338'
* Proposed to 1500 / 7366'

5840' Green River (GRTN1)

6340' Mahogany Bench

7840' Lower Green River

8166' tail * Proposed 7366'

* St-p ✓

12%
TOL @
9516.

Intermediate
9716. MD
9700. TVD

TOC @
10315.

Production Liner
12416. MD
12400. TVD

offset inj. wells

43013 30289 - 4010' to 5055' - 1 mi NW

1050N 700W
- 448 199
1498FNL 899FWL ✓ OOL

SW NW Sec 6 - 3S - 4W

CONFIDENTIAL

✓ Strip cuts.

12%
15%
18%
TOC @ *Duchesne R.*
0. to 0' @ 10% w/o, tail 1467' ✓
1561' tail
1600' BMSW
1740' BMSW (EP) ✓

Well name:	43013528790000 Miya 3-6C4	
Operator:	EP ENERGY E&P COMPANY, LP.	
String type:	Conductor	Project ID: 43-013-52879
Location:	DUCHESNE COUNTY	

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

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

Cement top: Surface

Burst

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

No backup mud specified.

Tension:

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

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

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	600	13.375	54.50	J-55	ST&C	600	600	12.49	7440
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	274	1130	4.123	274	2730	9.96	28.4	514	18.08 J

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

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

Date: May 19, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 600 ft, a mud weight of 8.8 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013528790000 Miya 3-6C4	
Operator:	EP ENERGY E&P COMPANY, LP.	
String type:	Surface	Project ID: 43-013-52879
Location:	DUCHESNE COUNTY	

Design parameters:**Collapse**

Mud weight: 9.200 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 1,760 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,000 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: 1,726 ft

Environment:

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

Cement top: 329 ft

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

Next setting depth: 9,700 ft
Next mud weight: 10.600 ppg
Next setting BHP: 5,341 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,000 ft
Injection pressure: 2,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	2000	9.625	40.00	N-80	LT&C	2000	2000	8.75	25450
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	956	3090	3.233	2000	5750	2.87	69.1	737	10.67 J

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

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

Date: April 17, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2000 ft, a mud weight of 9.2 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name:	43013528790000 Miya 3-6C4	
Operator:	EP ENERGY E&P COMPANY, LP.	
String type:	Intermediate	Project ID: 43-013-52879
Location:	DUCHESNE COUNTY	

Design parameters:

Collapse

Mud weight: 10.600 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 210 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft
Cement top: 4,399 ft

Burst

Max anticipated surface pressure: 5,968 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 8,102 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: 8,157 ft

Directional well information:

Kick-off point 2000 ft
Departure at shoe: 490 ft
Maximum dogleg: 1.5 °/100ft
Inclination at shoe: 0 °

Re subsequent strings:

Next setting depth: 12,400 ft
Next mud weight: 13.500 ppg
Next setting BHP: 8,696 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 9,716 ft
Injection pressure: 9,716 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	9716	7	29.00	HCP-110	LT&C	9700	9716	6.059	109719
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	5341	9200	1.722	8102	11220	1.38	236.2	797	3.37 J

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

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

Date: May 19, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9700 ft, a mud weight of 10.6 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name:	43013528790000 Miya 3-6C4		
Operator:	EP ENERGY E&P COMPANY, LP.		
String type:	Production Liner	Project ID:	43-013-52879
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 248 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft

Cement top: 10,315 ft

Burst

Max anticipated surface pressure: 5,968 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 8,696 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: 11,817 ft

Liner top: 9,516 ft

Directional Info - Build & Drop

Kick-off point 2000 ft
 Departure at shoe: 490 ft
 Maximum dogleg: 1.5 °/100ft
 Inclination at shoe: 0 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	2916	5	18.00	HCP-110	ST-L	12400	12416	4.151	230947
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	8696	15360	1.766	8696	13940	1.60	41.7	341	8.18 J

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

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

Date: April 17, 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 12400 ft, a mud weight of 13.5 ppg. The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

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

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator EP ENERGY E&P COMPANY, L.P.
Well Name Miya 3-6C4
API Number 43013528790000 **APD No** 9483 **Field/Unit** ALTAMONT
Location: 1/4,1/4 NWNW **Sec** 6 **Tw** 3.0S **Rng** 4.0W 1050 FNL 700 FWL
GPS Coord (UTM) 552154 4456074 **Surface Owner** Miya Trust

Participants

Jared Thacker (EP Energy); Heather Ivie & Kelsey Carter (EP Land Agency); Dennis Ingram (Division of Oil, Gas & Mining)

Regional/Local Setting & Topography

The proposed Miya 3-6C4 is located in northeastern Utah, approximately 6.00 miles north of Duchesne on US Highway 87, then west along the Tabiona Highway for 0.13 miles, then north up an existing pipeline for 0.32 miles, where a new location road is planned for 0.11 miles. This project is located along the northwestern reached of Blue Bench, which is a nearly flat bench that slopes gently to the south and west toward the Duchesne River Drainage. Blue Bench was utilized at one time as an alfalfa producing cropland and irrigated, but has since transformed into an arid, dry habitat with scattered sagebrush or weeds. Residential area and river bottom to the south, Utahan and the Duchesne River bottom to the southwest. The immediate area at the proposed well site slopes gently to the southeast, and is open, sagebrush country immediately west of Highway 87.

Surface Use Plan

Current Surface Use

Recreational
Wildlfe Habitat

New Road Miles

0.11

Well Pad

Width 282 **Length** 425

Src Const Material

Onsite

Surface Formation

UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Dense, high sagebrush, bunch grass, prickly pear cactus,

Potential mule deer, mountain lion, coyote, fox, rabbit, prairie dog, field mice, other small mammals native to region, also birds typically found in northeastern Utah

Soil Type and Characteristics

Reddish color, fine-grained, sandy loam with some clays but mostly blow sand

Erosion Issues Y

After surface disturbance

Sedimentation Issues Y

Ditto

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

Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	High permeability	20
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Present	15
Final Score		40 1 Sensitivity Level

Characteristics / Requirements

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

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

Slopes gently southeast, no drainage issues, dense sagebrush cover, Highway 87 to the east.

Dennis Ingram
Evaluator

3/19/2014
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
9483	43013528790000	LOCKED	OW	P	No
Operator	EP ENERGY E&P COMPANY, L.P.		Surface Owner-APD	Miya Trust	
Well Name	Miya 3-6C4		Unit		
Field	ALTAMONT		Type of Work	DRILL	
Location	NWNW 6 3S 4W U 1050 FNL (UTM) 552153E 4456076N		700 FWL	GPS Coord	

Geologic Statement of Basis

EP proposes to set 600 feet of conductor and 2,000 feet of surface casing both of which will be cemented to surface. The surface and intermediate holes will be drilled utilizing fresh water mud. The estimated depth to the base of moderately saline ground water is 1,600 feet. A search of Division of Water Rights records indicates that there are 15 water wells within a 10,000 foot radius of the center of Section 6. Wells range between 52 and 540 feet in depth and are used for irrigation, stock watering, domestic, industrial and municipal. These wells probably produce from the Duchesne River Formation and alluvium associated with the Duchesne River Formation. The Duchesne River Formation is made up of sandstones with interbedded shales and is the most prominent fresh water aquifer in the area. The proposed casing and cement program should adequately protect ground water in this area.

Brad Hill
APD Evaluator

3/25/2014
Date / Time

Surface Statement of Basis

Surface slopes to the southeast but nearly flat, minus any drainage issues. The reserve pit is staked off the north side of the location in cut, and will require a 20 mil synthetic liner as proposed in the Application to Drill. The location shall also be bermed to prevent drilling or production fluids from leaving the location. Highway 87 east of well pad.

A presite was scheduled and performed for the Miya 3-6C4 on March 19, 2014 to take input and address issues regarding the construction and drilling of this well. The landowner of record was reached by telephone and invited to the presite but did not attend. EP Energy claims to have a signed landowner agreement with the landowner in place.

Dennis Ingram
Onsite Evaluator

3/19/2014
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

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 3/4/2014

API NO. ASSIGNED: 43013528790000

WELL NAME: Miya 3-6C4

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

PHONE NUMBER: 713 997-5038

CONTACT: Maria S. Gomez

PROPOSED LOCATION: NWNW 06 030S 040W

Permit Tech Review:

SURFACE: 1050 FNL 0700 FWL

Engineering Review:

BOTTOM: 1500 FNL 0900 FWL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.25352

LONGITUDE: -110.38675

UTM SURF EASTINGS: 552153.00

NORTHINGS: 4456076.00

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

Commingle Approved

LOCATION AND SITING:

- R649-2-3.
- Unit:
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: Cause 139-90
- Effective Date: 5/9/2012
- Siting: 4 WELLS PER 640 ACRE
- 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) - ddoucet
15 - Directional - dmason



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: Miya 3-6C4
API Well Number: 43013528790000
Lease Number: Fee
Surface Owner: FEE (PRIVATE)
Approval Date: 5/20/2014

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 139-90. The expected producing formation or pool is the GREEN RIVER(LWR)-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

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

General:

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

Conditions of Approval:

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

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 the tail cement from the pipe setting depth back to 7366' MD and the lead cement back to 1500' MD as indicated in the submitted drilling plan.

Additional Approvals:

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

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

Notification Requirements:

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

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

Contact Information:

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

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

Reporting Requirements:

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

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

Approved By:

Approved by:

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

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana, Houston, TX, 77002	8. WELL NAME and NUMBER: Miya 3-6C4
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1050 FNL 0700 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 06 Township: 03.0S Range: 04.0W Meridian: U	9. API NUMBER: 43013528790000
5. PHONE NUMBER: 713 997-5038 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/20/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input checked="" 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 type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

EP requests approval to drill 9 5/8" with air instead of mud.

Approved by the
August 20, 2014
Oil, Gas and Mining

Date: _____
 By: DeKQ Quif

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 8/20/2014	

CONFIDENTIAL

Carol Daniels <caroldaniels@utah.gov>

FREE LEASE

NWNW 5-06 T023 R04W

24hr Notice Run & Cement Casing Miya 3-6C4

1 message

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

Sun, Aug 24, 2014 at 1:32 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

MIYA 3-6C4

API # 43013528790000

ALTAMONT FIELD

DUCHESNE COUNTY

We plan on running and cementing 9-5/8" 40# N-80 LTC Casing to +/- 2,000' within 24hrs with Leon Ross Drilling rig 26.

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.



Alexis Huefner <alexishuefner@utah.gov>

24hr Notice of Spud, Run & Cement Casing

1 message

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

Fri, Aug 22, 2014 at 5:21 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

MIYA 3-6C4

API # 43013528790000

ALTAMONT FIELD

DUCHESNE COUNTY

1050 FWL 700 FWL
NWNW 6 3S 4W

Leon Ross Drilling rig 26 spudded the well @ 15:45hrs on 8/22/2014. We plan on running and cementing 13-3/8" 54.5# J-55 STC Casing to +/- 600' within 24hrs.

CONFIDENTIAL

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.

CONFIDENTIAL

Carol Daniels <caroldaniels@utah.gov>

S-06 TABS ROY W NWNW

LEASE FEE

24hr Notice Run & Cement Liner

1 message

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

Wed, Sep 24, 2014 at 9:33 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>, "DERDEN, ROY LYNN (Contractor)" <Roy.Derden@epenergy.com>

RE: EP ENERGY

MIYA 3-6C4

API # 43013528790000

ALTAMONT FIELD

DUCHESNE COUNTY

We plan on running and cementing 5" 18# P-110HC STL Production Liner to +/- 12,221' 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.

CONFIDENTIAL

Carol Daniels caroldaniels@utah.gov

CONFIDENTIAL

NUNW Sub TO35 #040 FEE LEASE

24hr Notice Run & Cement Casing

1 message

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

Fri, Sep 19, 2014 at 7:00 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>, "DERDEN, ROY LYNN (Contractor)" <Roy.Derden@epenergy.com>

RE: EP ENERGY

MIYA 3-6C4

API # 43013528790000

ALTAMONT FIELD

DUCHESNE COUNTY

We plan on running and cementing 7" 29# P-110HC LTC Casing to +/- 9,718' 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.

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: Miya 3-6C4
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013528790000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1050 FNL 0700 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 06 Township: 03.0S Range: 04.0W 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: 10/10/2014	<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.
 EP plans to complete in the Wasatch. Please see attached for details.

Approved by the
 October 09, 2014
 Oil, Gas and Mining

Date: _____

By: DeKQ

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 10/9/2014	

Miya 3-6C4

Initial Completion

API # : 4301352879

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. 2 7/8" tubing will be run to isolate the 7" casing during the flow back of the well.
7. Well pressure and annulus pressure would be monitored during this time until the well is ready for pump.

Completion Information (Wasatch Formation)

- | | |
|-----------------|--|
| Stage #1 | RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~11761' – 12112' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~150000 # of Power Prop 30/50. Total clean water volume is 155036 gals. |
| Stage #2 | RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~11408' – 11727' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~150000 # of Power Prop 30/50. Total clean water volume is 154773 gals. |
| Stage #3 | RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~11094' – 11352' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~150000 # of Power Prop 30/50. Total clean water volume is 154539 gals. |
| Stage #4 | RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~10828' – 11064' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~150000 # of Power Prop 30/50. Total clean water volume is 154340 gals. |
| Stage #5 | RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~10547' – 10796' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~150000 # of Power Prop 30/50. Total clean water volume is 154131 gals. |

Stage #6 RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~10293' – 10521' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~150000 # of TLC 30/50. Total clean water volume is 153941 gals.

Stage #7 RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~9997' – 10264' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~150000 # of TLC 30/50. Total clean water volume is 153720 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	11,761	12,112	351	NA	23	69	17	Power Prop 30/50	150,000	427	3,000	5,000	155,036	4,217
Stage #2	11,408	11,727	319	11,742	23	69	17	Power Prop 30/50	150,000	470	3,000	5,000	154,773	4,210
Stage #3	11,094	11,352	258	11,367	23	69	17	Power Prop 30/50	150,000	581	3,000	5,000	154,539	4,205
Stage #4	10,828	11,064	236	11,079	22	66	17	Power Prop 30/50	150,000	636	3,000	5,000	154,340	4,200
Stage #5	10,547	10,796	249	10,811	20	60	15	Power Prop 30/50	150,000	602	3,000	5,000	154,131	4,195
Stage #6	10,293	10,521	228	10,536	22	66	17	TLC 30/50	150,000	658	3,000	5,000	153,941	4,185
Stage #7	9,997	10,264	267	10,279	22	66	17	TLC 30/50	150,000	562	3,000	5,000	153,720	4,180
Stage #8	9,706	9,966	260	9,981	23	69	17	TLC 30/50	150,000	577	3,000	5,000	153,503	4,174
Average per Stage			271		22	67	17		150,000	564	3,000	5,000	154,248	4,196
Totals per Well			2,168		178	534	134		1,200,000		24,000	40,000	1,233,983	33,566

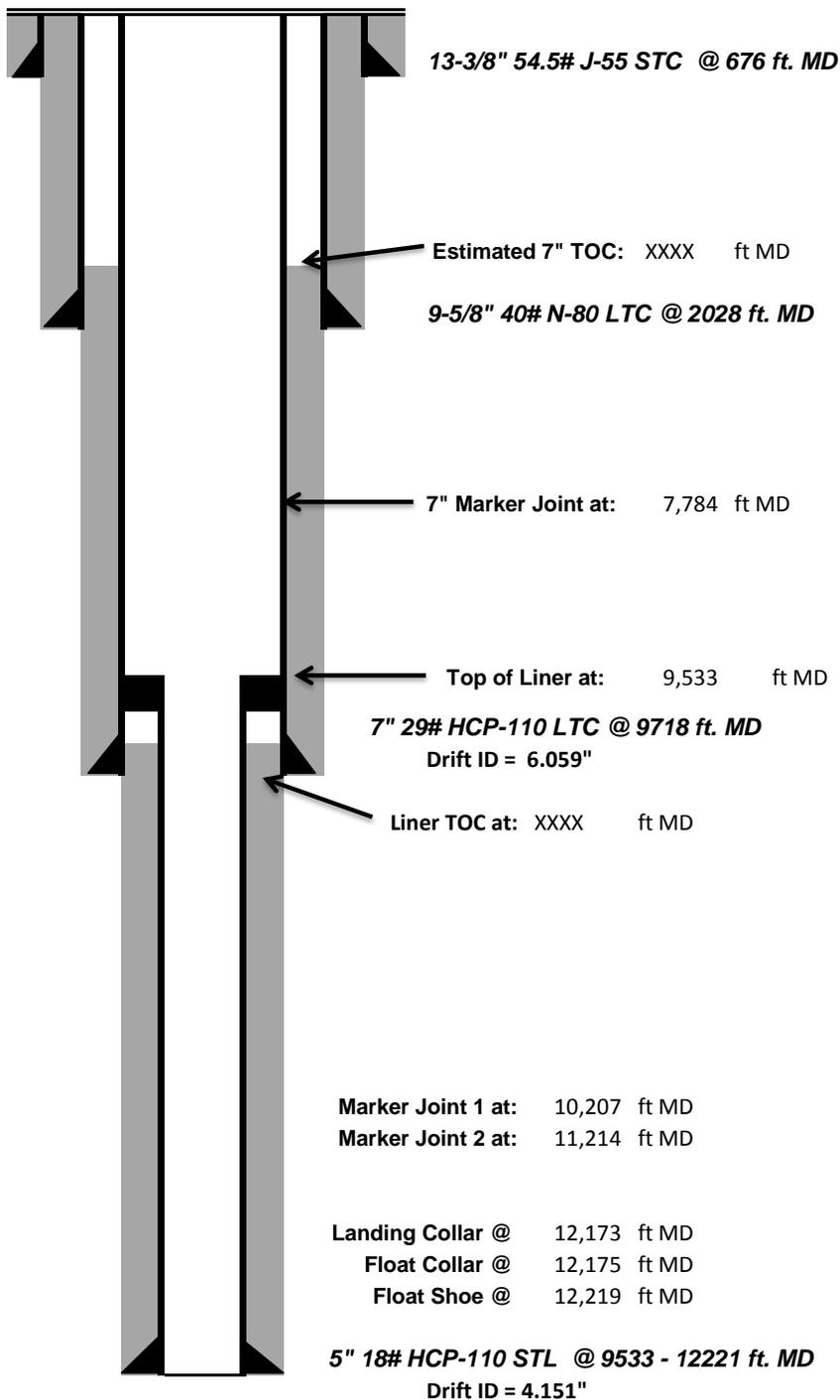


Pre-Completion Wellbore Schematic

Well Name: **Miya 3-6C4**
 Company Name: **EP Energy**
 Field, County, State: **Altamont, Duchesne, Utah**
 Surface Location: **Lat: 40°15'12.585" N Long: 110°23'12.192" W**
 Producing Zone(s): **Wasatch**

Last Updated: **10/6/2014**
 By: **Jarrold Kent**
 TD: **12,219**
 API: **4301352879**
 AFE: **159364**

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



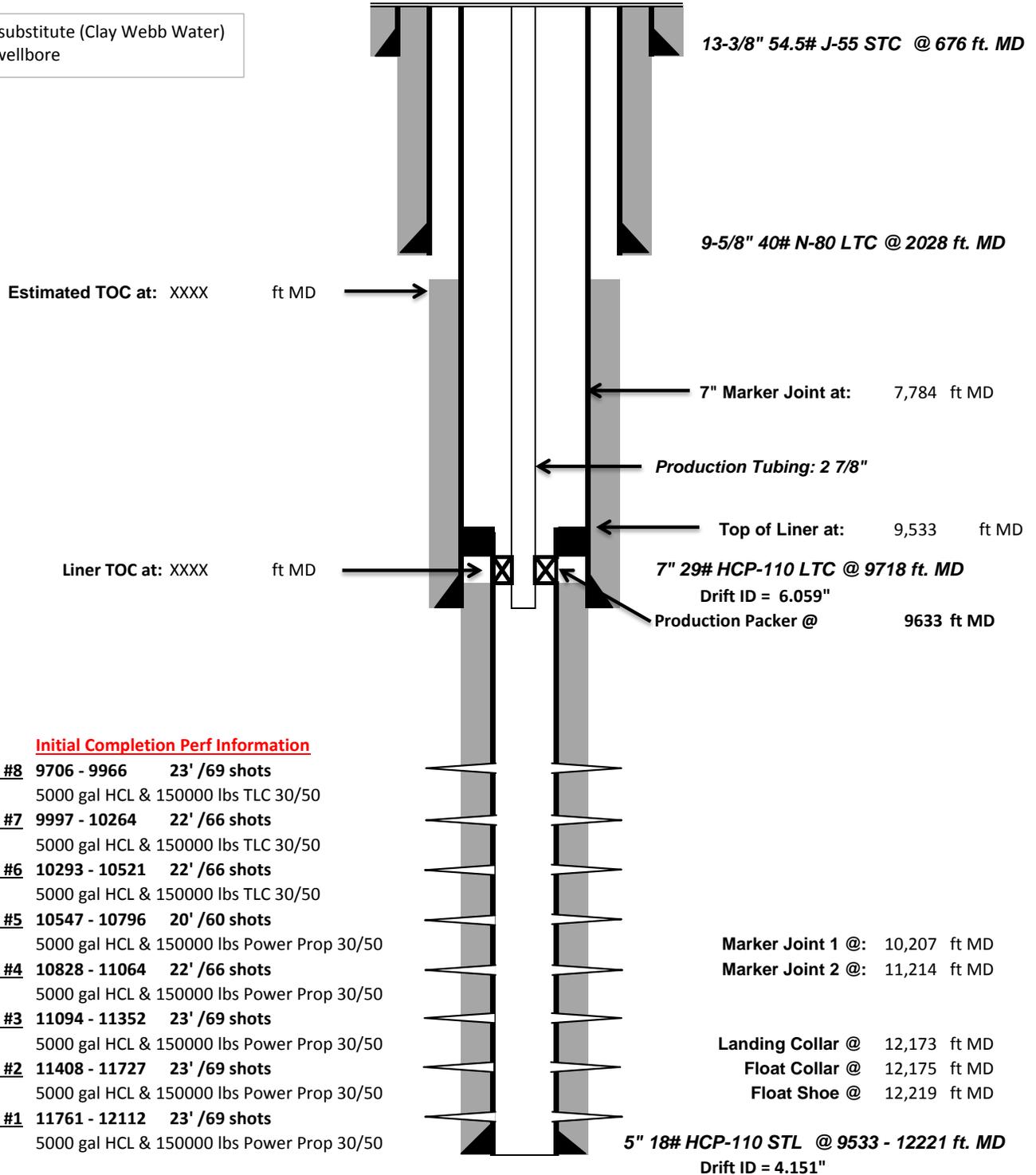


Post-Completion Wellbore Schematic

Well Name: **Miya 3-6C4**
 Company Name: **EP Energy**
 Field, County, State: **Altamont, Duchesne, Utah**
 Surface Location: **Lat: 40°15'12.585" N Long: 110°23'12.192" W**
 Producing Zone(s): **Wasatch**

Last Updated: **10/6/2014**
 By: **Jarrold Kent**
 TD: **12,219**
 API: **4301352879**
 AFE: **159364**

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



Initial Completion Perf Information

Stage #	Depth Range (ft MD)	Shots	Fluids
Stage #8	9706 - 9966	23' /69 shots	5000 gal HCL & 150000 lbs TLC 30/50
Stage #7	9997 - 10264	22' /66 shots	5000 gal HCL & 150000 lbs TLC 30/50
Stage #6	10293 - 10521	22' /66 shots	5000 gal HCL & 150000 lbs TLC 30/50
Stage #5	10547 - 10796	20' /60 shots	5000 gal HCL & 150000 lbs Power Prop 30/50
Stage #4	10828 - 11064	22' /66 shots	5000 gal HCL & 150000 lbs Power Prop 30/50
Stage #3	11094 - 11352	23' /69 shots	5000 gal HCL & 150000 lbs Power Prop 30/50
Stage #2	11408 - 11727	23' /69 shots	5000 gal HCL & 150000 lbs Power Prop 30/50
Stage #1	11761 - 12112	23' /69 shots	5000 gal HCL & 150000 lbs Power Prop 30/50

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

AMENDED REPORT FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:

9. API NUMBER:

10 FIELD AND POOL, OR WILDCAT

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

12. COUNTY

13. STATE

UTAH

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER _____

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

2. NAME OF OPERATOR:

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

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE:

AT TOP PRODUCING INTERVAL REPORTED BELOW:

AT TOTAL DEPTH:

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

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

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) 23. WAS WELL CORED? NO YES (Submit analysis)
WAS DST RUN? NO YES (Submit report)
DIRECTIONAL SURVEY? NO YES (Submit copy)

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

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

25. TUBING RECORD

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

26. PRODUCING INTERVALS

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

27. PERFORATION RECORD

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

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

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

30. WELL STATUS:

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

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

INTERVAL B (As shown in item #26)

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

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)

35. ADDITIONAL REMARKS (Include plugging procedure)

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

NAME (PLEASE PRINT) _____ TITLE _____
 SIGNATURE _____ DATE _____

This report must be submitted within 30 days of

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

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

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

Send to: Utah Division of Oil, Gas and Mining 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 November 9, 2014****Well Name: Miya 3-6C4****Items #27 and #28 Continued****27. Perforation Record**

Interval (Top/Bottom – MD)	Size	No. of Holes	Perf. Status
10536'-10786'	.43	60	Open
10280'-10510'	.43	66	Open
9980'-10249'	.43	66	Open
9687'-9952'	.43	69	Open

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

Depth Interval	Amount and Type of Material
10820'-11057'	5000 gal acid, 3100# 100 mesh, 152200# 30/50 PowerProp
10536'-10786'	5000 gal acid, 3100# 100 mesh, 150180# 30/50 PowerProp
10280'-10510'	5000 gal acid, 3100# 100 mesh, 149940# 30/50 PowerProp
9980'-10249'	5000 gal acid, 3100# 100 mesh, 150140# 30/50 PowerProp
9687'-9952'	5000 gal acid, 3400# 100 mesh, 150020# 30/50 THS



Company: EP Energy
Well: Miya 3-6C4
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	0.32	133.27	100.00	100.00	-0.19	0.19	S	0.20	E	0.28	133.27	0.32	0.32	133.27
2	200.00	0.56	147.52	100.00	200.00	-0.79	0.79	S	0.67	E	1.03	139.90	0.26	0.24	14.24
3	300.00	0.45	152.86	100.00	299.99	-1.55	1.55	S	1.10	E	1.90	144.48	0.12	-0.11	5.34
4	400.00	0.23	163.63	100.00	399.99	-2.08	2.08	S	1.34	E	2.47	147.29	0.23	-0.22	10.77
5	500.00	0.33	124.57	100.00	499.99	-2.43	2.43	S	1.63	E	2.93	146.19	0.21	0.11	-39.06
6	600.00	0.14	18.92	100.00	599.99	-2.49	2.49	S	1.91	E	3.13	142.52	0.39	-0.20	-105.66
7	700.00	0.31	77.40	100.00	699.99	-2.32	2.32	S	2.21	E	3.20	136.33	0.27	0.18	58.48
8	800.00	0.31	70.33	100.00	799.99	-2.16	2.16	S	2.73	E	3.49	128.38	0.04	0.00	-7.07
9	900.00	0.46	70.03	100.00	899.98	-1.94	1.94	S	3.36	E	3.88	119.94	0.14	0.14	-0.30
10	1000.00	0.63	61.47	100.00	999.98	-1.54	1.54	S	4.22	E	4.49	110.01	0.19	0.18	-8.56
11	1100.00	0.84	68.20	100.00	1099.97	-1.00	1.00	S	5.38	E	5.47	100.56	0.22	0.20	6.73
12	1200.00	1.08	62.36	100.00	1199.96	-0.30	0.30	S	6.89	E	6.90	92.45	0.26	0.25	-5.84
13	1300.00	1.16	62.56	100.00	1299.94	0.61	0.61	N	8.63	E	8.65	85.96	0.08	0.08	0.20
14	1400.00	1.17	71.10	100.00	1399.92	1.41	1.41	N	10.49	E	10.59	82.37	0.17	0.01	8.53
15	1500.00	1.62	72.35	100.00	1499.89	2.16	2.16	N	12.80	E	12.99	80.40	0.45	0.45	1.25
16	1600.00	1.69	83.45	100.00	1599.85	2.76	2.76	N	15.61	E	15.85	79.97	0.33	0.07	11.10
17	1700.00	2.07	81.11	100.00	1699.79	3.21	3.21	N	18.86	E	19.13	80.35	0.39	0.39	-2.34
18	1800.00	2.17	92.28	100.00	1799.72	3.41	3.41	N	22.54	E	22.80	81.39	0.42	0.10	11.17
19	1900.00	2.13	99.94	100.00	1899.65	3.02	3.02	N	26.26	E	26.44	83.45	0.29	-0.04	7.66
20	1930.00	2.07	104.47	30.00	1929.63	2.78	2.78	N	27.34	E	27.48	84.18	0.59	-0.21	15.09
21	2051.00	2.16	110.77	121.00	2050.55	1.43	1.43	N	31.58	E	31.61	87.41	0.21	0.08	5.21
22	2147.00	2.71	102.52	96.00	2146.47	0.30	0.30	N	35.49	E	35.49	89.52	0.68	0.57	-8.59
23	2243.00	4.39	110.14	96.00	2242.28	-1.46	1.46	S	41.15	E	41.18	92.03	1.81	1.75	7.94
24	2339.00	4.29	108.46	96.00	2338.00	-3.86	3.86	S	48.01	E	48.16	94.60	0.17	-0.10	-1.75
25	2435.00	4.38	109.40	96.00	2433.73	-6.22	6.22	S	54.87	E	55.22	96.46	0.12	0.09	0.98
26	2531.00	4.29	108.25	96.00	2529.45	-8.56	8.56	S	61.74	E	62.33	97.89	0.13	-0.09	-1.20
27	2627.00	5.01	120.50	96.00	2625.14	-11.81	11.81	S	68.76	E	69.77	99.75	1.27	0.75	12.76
28	2723.00	5.14	117.78	96.00	2720.76	-15.94	15.94	S	76.18	E	77.83	101.82	0.28	0.14	-2.83
29	2819.00	4.76	121.13	96.00	2816.40	-20.01	20.01	S	83.39	E	85.76	103.49	0.50	-0.40	3.49
30	2915.00	4.26	127.07	96.00	2912.11	-24.21	24.21	S	89.65	E	92.86	105.12	0.71	-0.52	6.19
31	3011.00	4.51	126.55	96.00	3007.83	-28.61	28.61	S	95.52	E	99.72	106.67	0.26	0.26	-0.54
32	3107.00	4.68	128.42	96.00	3103.52	-33.29	33.29	S	101.63	E	106.94	108.14	0.24	0.18	1.95
33	3203.00	4.55	106.56	96.00	3199.21	-36.81	36.81	S	108.34	E	114.43	108.77	1.83	-0.14	-22.77
34	3298.00	4.52	103.60	95.00	3293.92	-38.77	38.77	S	115.59	E	121.92	108.54	0.25	-0.03	-3.12
35	3394.00	4.22	106.07	96.00	3389.64	-40.63	40.63	S	122.67	E	129.22	108.33	0.37	-0.31	2.57



Company: EP Energy
Well: Miya 3-6C4
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	3490.00	3.70	109.17	96.00	3485.41	-42.63	42.63	S	128.99	E	135.85	108.29	0.59	-0.54	3.23
37	3586.00	3.54	108.81	96.00	3581.22	-44.60	44.60	S	134.72	E	141.91	108.32	0.17	-0.17	-0.37
38	3682.00	3.91	101.37	96.00	3677.01	-46.20	46.20	S	140.73	E	148.12	108.18	0.63	0.39	-7.75
39	3778.00	3.85	101.29	96.00	3772.79	-47.48	47.48	S	147.10	E	154.57	107.89	0.06	-0.06	-0.08
40	3875.00	5.22	106.66	97.00	3869.49	-49.38	49.38	S	154.52	E	162.22	107.72	1.48	1.41	5.54
41	3971.00	5.03	108.99	96.00	3965.10	-52.00	52.00	S	162.68	E	170.79	107.73	0.29	-0.20	2.43
42	4068.00	4.70	111.17	97.00	4061.76	-54.82	54.82	S	170.41	E	179.01	107.83	0.39	-0.34	2.25
43	4163.00	4.27	111.12	95.00	4156.46	-57.50	57.50	S	177.34	E	186.43	107.96	0.45	-0.45	-0.05
44	4259.00	4.00	113.57	96.00	4252.21	-60.13	60.13	S	183.74	E	193.33	108.12	0.34	-0.28	2.55
45	4354.00	3.81	116.85	95.00	4346.99	-62.88	62.88	S	189.60	E	199.75	108.35	0.31	-0.20	3.45
46	4450.00	4.16	113.01	96.00	4442.76	-65.68	65.68	S	195.65	E	206.38	108.56	0.46	0.36	-4.00
47	4545.00	4.23	95.40	95.00	4537.51	-67.36	67.36	S	202.31	E	213.22	108.41	1.35	0.07	-18.54
48	4642.00	3.52	95.70	97.00	4634.29	-67.99	67.99	S	208.83	E	219.62	108.03	0.73	-0.73	0.31
49	4738.00	4.12	93.54	96.00	4730.08	-68.49	68.49	S	215.21	E	225.84	107.66	0.64	0.63	-2.25
50	4833.00	5.28	95.86	95.00	4824.75	-69.15	69.15	S	222.96	E	233.44	107.23	1.24	1.22	2.44
51	4929.00	4.74	96.80	96.00	4920.39	-70.07	70.07	S	231.29	E	241.67	106.85	0.57	-0.56	0.98
52	5026.00	4.72	112.52	97.00	5017.06	-72.08	72.08	S	238.96	E	249.59	106.78	1.33	-0.02	16.21
53	5123.00	3.78	117.92	97.00	5113.79	-75.10	75.10	S	245.47	E	256.70	107.01	1.05	-0.97	5.57
54	5218.00	3.99	114.60	95.00	5208.58	-77.94	77.94	S	251.24	E	263.06	107.24	0.32	0.22	-3.49
55	5315.00	4.72	110.90	97.00	5305.29	-80.77	80.77	S	258.04	E	270.39	107.38	0.81	0.75	-3.81
56	5411.00	4.96	128.53	96.00	5400.96	-84.77	84.77	S	264.98	E	278.21	107.74	1.56	0.25	18.36
57	5506.00	4.84	139.91	95.00	5495.61	-90.39	90.39	S	270.77	E	285.46	108.46	1.03	-0.13	11.98
58	5601.00	4.74	157.05	95.00	5590.29	-97.07	97.07	S	274.88	E	291.52	109.45	1.50	-0.11	18.04
59	5697.00	5.32	175.43	96.00	5685.92	-105.16	105.16	S	276.78	E	296.09	110.80	1.77	0.60	19.15
60	5793.00	4.99	173.13	96.00	5781.53	-113.74	113.74	S	277.64	E	300.03	112.28	0.41	-0.34	-2.40
61	5889.00	4.14	172.89	96.00	5877.23	-121.33	121.33	S	278.57	E	303.84	113.54	0.89	-0.89	-0.25
62	5985.00	4.00	188.68	96.00	5972.99	-128.08	128.08	S	278.49	E	306.53	114.70	1.17	-0.15	16.45
63	6081.00	3.56	183.75	96.00	6068.78	-134.36	134.36	S	277.79	E	308.58	115.81	0.57	-0.46	-5.14
64	6177.00	3.01	181.74	96.00	6164.62	-139.85	139.85	S	277.52	E	310.77	116.75	0.59	-0.57	-2.09
65	6273.00	2.84	180.98	96.00	6260.50	-144.75	144.75	S	277.40	E	312.90	117.56	0.18	-0.18	-0.79
66	6370.00	2.89	179.65	97.00	6357.38	-149.60	149.60	S	277.37	E	315.15	118.34	0.09	0.05	-1.37
67	6466.00	3.10	176.22	96.00	6453.24	-154.61	154.61	S	277.56	E	317.72	119.12	0.29	0.22	-3.57
68	6561.00	3.30	189.32	95.00	6548.10	-159.87	159.87	S	277.29	E	320.07	119.97	0.80	0.21	13.79
69	6658.00	3.02	192.26	97.00	6644.95	-165.12	165.12	S	276.29	E	321.87	120.86	0.33	-0.29	3.03
70	6753.00	2.89	198.96	95.00	6739.82	-169.83	169.83	S	274.98	E	323.20	121.70	0.39	-0.14	7.05
71	6850.00	2.93	199.77	97.00	6836.70	-174.48	174.48	S	273.35	E	324.29	122.55	0.06	0.04	0.84
72	6946.00	3.16	183.79	96.00	6932.57	-179.43	179.43	S	272.35	E	326.14	123.38	0.91	0.24	-16.65



Company: EP Energy
Well: Miya 3-6C4
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					
73	7042.00	3.20	186.43	96.00	7028.42	-184.73	184.73	S	271.87	E	328.69	124.20	0.16	0.04	2.75
74	7137.00	3.27	191.35	95.00	7123.27	-190.02	190.02	S	271.04	E	331.01	125.03	0.30	0.07	5.18
75	7233.00	3.12	201.85	96.00	7219.12	-195.13	195.13	S	269.53	E	332.75	125.90	0.63	-0.16	10.94
76	7329.00	3.03	200.28	96.00	7314.98	-199.94	199.94	S	267.68	E	334.10	126.76	0.13	-0.09	-1.64
77	7425.00	3.61	196.84	96.00	7410.82	-205.21	205.21	S	265.92	E	335.89	127.66	0.64	0.60	-3.58
78	7521.00	4.28	195.12	96.00	7506.59	-211.56	211.56	S	264.11	E	338.40	128.70	0.71	0.70	-1.79
79	7618.00	3.69	194.26	97.00	7603.35	-218.08	218.08	S	262.40	E	341.19	129.73	0.61	-0.61	-0.89
80	7714.00	3.64	192.79	96.00	7699.16	-224.04	224.04	S	260.96	E	343.94	130.65	0.11	-0.05	-1.53
81	7811.00	4.20	194.01	97.00	7795.93	-230.49	230.49	S	259.42	E	347.03	131.62	0.58	0.58	1.26
82	7907.00	4.30	196.21	96.00	7891.67	-237.36	237.36	S	257.57	E	350.26	132.66	0.20	0.10	2.29
83	8002.00	3.66	206.89	95.00	7986.44	-243.48	243.48	S	255.20	E	352.72	133.65	1.03	-0.67	11.24
84	8098.00	2.94	218.63	96.00	8082.28	-248.14	248.14	S	252.28	E	353.86	134.53	1.02	-0.75	12.23
85	8194.00	2.44	225.42	96.00	8178.17	-251.50	251.50	S	249.29	E	354.11	135.25	0.62	-0.52	7.07
86	8288.00	2.39	212.39	94.00	8272.09	-254.56	254.56	S	246.81	E	354.56	135.89	0.59	-0.05	-13.86
87	8385.00	2.61	203.97	97.00	8369.00	-258.28	258.28	S	244.83	E	355.88	136.53	0.44	0.23	-8.68
88	8481.00	2.87	203.04	96.00	8464.89	-262.49	262.49	S	243.00	E	357.70	137.21	0.27	0.27	-0.97
89	8578.00	2.86	196.16	97.00	8561.77	-267.05	267.05	S	241.38	E	359.97	137.89	0.35	-0.01	-7.09
90	8674.00	3.11	191.87	96.00	8657.64	-271.90	271.90	S	240.17	E	362.79	138.55	0.35	0.26	-4.47
91	8771.00	3.30	188.23	97.00	8754.49	-277.24	277.24	S	239.23	E	366.19	139.21	0.29	0.20	-3.75
92	8867.00	3.57	188.91	96.00	8850.31	-282.93	282.93	S	238.38	E	369.96	139.88	0.28	0.28	0.71
93	8962.00	4.14	179.25	95.00	8945.10	-289.28	289.28	S	237.96	E	374.58	140.56	0.91	0.60	-10.17
94	9059.00	2.82	183.43	97.00	9041.92	-295.16	295.16	S	237.87	E	379.08	141.14	1.38	-1.36	4.31
95	9153.00	1.49	192.80	94.00	9135.85	-298.66	298.66	S	237.46	E	381.55	141.51	1.46	-1.41	9.97
96	9249.00	0.97	172.27	96.00	9231.83	-300.68	300.68	S	237.29	E	383.04	141.72	0.70	-0.54	-21.39
97	9346.00	0.55	153.59	97.00	9328.82	-301.91	301.91	S	237.61	E	384.20	141.80	0.50	-0.43	-19.26
98	9442.00	1.76	168.66	96.00	9424.80	-303.77	303.77	S	238.10	E	385.97	141.91	1.29	1.26	15.70
99	9538.00	0.63	189.65	96.00	9520.78	-305.74	305.74	S	238.30	E	387.64	142.07	1.24	-1.18	21.86
100	9635.00	1.71	195.73	97.00	9617.76	-307.66	307.66	S	237.82	E	388.86	142.30	1.12	1.11	6.27
101	9653.00	1.83	196.91	18.00	9635.75	-308.19	308.19	S	237.66	E	389.19	142.36	0.70	0.67	6.56
102	9700.00	1.95	194.98	47.00	9682.72	-309.68	309.68	S	237.24	E	390.11	142.55	0.29	0.26	-4.11
103	9800.00	2.25	200.39	100.00	9782.65	-313.17	313.17	S	236.11	E	392.20	142.99	0.36	0.30	5.41
104	9900.00	2.41	202.33	100.00	9882.57	-316.96	316.96	S	234.63	E	394.35	143.49	0.18	0.16	1.94
105	10000.00	2.42	207.00	100.00	9982.48	-320.78	320.78	S	232.88	E	396.40	144.02	0.20	0.01	4.68
106	10100.00	2.87	199.09	100.00	10082.38	-325.02	325.02	S	231.10	E	398.80	144.59	0.58	0.45	-7.91
107	10200.00	2.59	203.14	100.00	10182.26	-329.46	329.46	S	229.40	E	401.45	145.15	0.34	-0.28	4.05
108	10300.00	2.56	200.15	100.00	10282.16	-333.63	333.63	S	227.74	E	403.95	145.68	0.14	-0.02	-3.00
109	10400.00	2.63	198.74	100.00	10382.06	-337.90	337.90	S	226.23	E	406.64	146.20	0.09	0.07	-1.41



Company: EP Energy **Job Number:** _____
Well: Miya 3-6C4 **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	10500.00	2.59	191.46	100.00	10481.96	-342.29	342.29	S	225.05	E	409.64	146.68	0.33	-0.04	-7.27
111	10600.00	2.89	193.07	100.00	10581.84	-346.95	346.95	S	224.03	E	413.00	147.15	0.31	0.30	1.61
112	10700.00	2.58	186.21	100.00	10681.73	-351.64	351.64	S	223.22	E	416.51	147.59	0.45	-0.31	-6.86
113	10800.00	3.04	186.25	100.00	10781.61	-356.52	356.52	S	222.68	E	420.35	148.01	0.46	0.46	0.04
114	10900.00	2.64	180.62	100.00	10881.48	-361.46	361.46	S	222.37	E	424.38	148.40	0.49	-0.41	-5.63
115	11000.00	3.00	181.22	100.00	10981.36	-366.37	366.37	S	222.29	E	428.53	148.75	0.37	0.37	0.60
116	11100.00	2.65	187.80	100.00	11081.24	-371.28	371.28	S	221.92	E	432.55	149.13	0.48	-0.35	6.57
117	11200.00	2.48	187.99	100.00	11181.14	-375.71	375.71	S	221.31	E	436.05	149.50	0.18	-0.18	0.19
118	11300.00	2.62	182.25	100.00	11281.04	-380.14	380.14	S	220.92	E	439.67	149.84	0.29	0.15	-5.74
119	11400.00	2.84	183.72	100.00	11380.93	-384.89	384.89	S	220.67	E	443.66	150.17	0.22	0.21	1.47
120	11500.00	2.58	187.48	100.00	11480.82	-389.59	389.59	S	220.21	E	447.52	150.52	0.32	-0.26	3.76
121	11600.00	2.34	190.44	100.00	11580.73	-393.82	393.82	S	219.55	E	450.89	150.86	0.27	-0.24	2.97
122	11700.00	2.34	194.60	100.00	11680.64	-397.81	397.81	S	218.67	E	453.94	151.20	0.17	0.01	4.16
123	11800.00	2.51	192.06	100.00	11780.55	-401.93	401.93	S	217.69	E	457.09	151.56	0.20	0.17	-2.54
124	11900.00	2.08	186.19	100.00	11880.47	-405.87	405.87	S	217.04	E	460.26	151.86	0.49	-0.43	-5.87
125	12000.00	2.62	189.02	100.00	11980.39	-409.93	409.93	S	216.49	E	463.58	152.16	0.55	0.54	2.83
126	12090.00	2.50	189.83	90.00	12070.30	-413.90	413.90	S	215.83	E	466.79	152.46	0.14	-0.13	0.89
127	12221.00	2.50	189.83	131.00	12201.17	-419.53	419.53	S	214.85	E	471.34	152.88	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: Miya 3-6C4
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013528790000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5138 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1050 FNL 0700 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 06 Township: 03.0S Range: 04.0W 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: 12/1/2016	<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 find attached the proposed recompletion procedure along with current and post WBD's.

Approved by the
 November 09, 2016
 Oil, Gas and Mining

Date: _____

By: Derek Duff

NAME (PLEASE PRINT) Linda Renken	PHONE NUMBER 713 997-5138	TITLE Sr. Regulatory Analyst
SIGNATURE N/A	DATE 11/1/2016	

Miya 3-6 C4 - Recom Summary Procedure

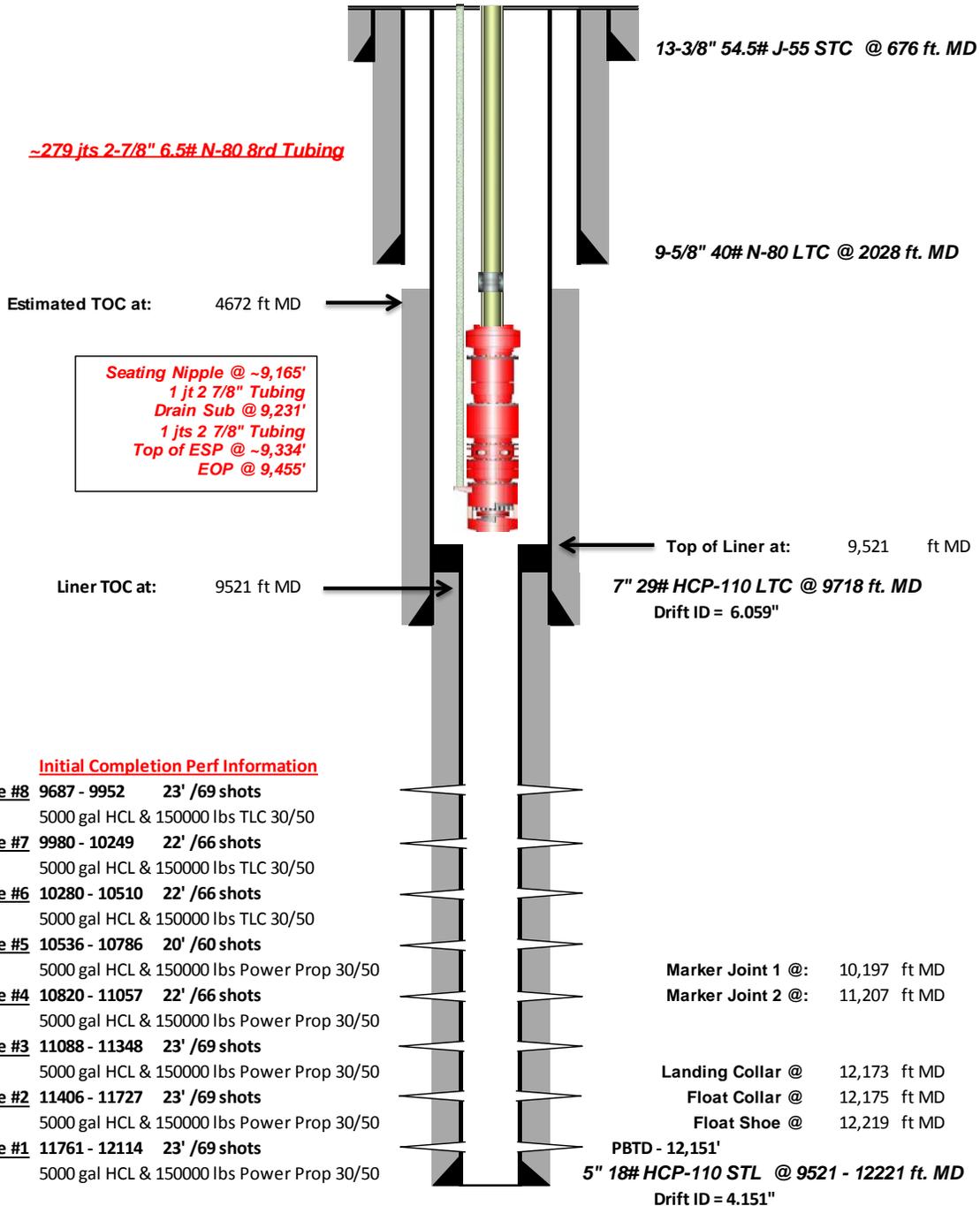
- POOH with ESP & tubing. Inspect/Repair/Re-furbish as needed. Replace any bad tubing and joints of rods.
- Set 10M "Flow Thru" CBP for 5" 18# casing @ 9,682' w/ 15' sand dump bailed on plug.
- Set 15M for 5" 18# @ 9,664'. Test casing to frac pressure.
- Stage 1:
 - Perforate new UW/CP 70 interval from **9,548' - 9,660'**.
 - Acid Frac Perforations with **14,000** gals 15% HCl acid (Stage 1 Recom).
- Stage 2:
 - RIH with 7" CBP & set @ **9,303'**.
 - Perforate new LGR interval from **9,050' - 9,288'**.
 - Prop Frac perforations with **125,000** lbs 30/50 prop (w/ **7,000** lbs 100 mesh & **7,000** gals 15% HCl acid) (Stage 2 Recom).
- Stage 3:
 - RIH with 7" CBP & set @ **8,882'**.
 - Perforate new LGR interval from **8,748 - 8,867'**.
 - Prop Frac perforations with **70,000** lbs 30/50 prop (w/ **6,000** lbs 100 mesh & **6,000** gals 15% HCl acid) (Stage 3 Recom).
- Stage 4:
 - RIH with 7" CBP & set @ **8,724'**.
 - Perforate new LGR interval from **8,536' - 8,709'**.
 - Prop Frac perforations with **95,000** lbs 30/50 prop (w/ **6,000** lbs 100 mesh & **6,000** gals 15% HCl acid) (Stage 4 Recom).
- Clean out well drilling up (3) 7" CBPs at 8,724', 8,882', and 9,303', leaving 5" "Flow Thru" CBP @ 9,682'. Top perf BELOW plugs @ 9,687'.
- RIH w/ production tubing and rods.
- Clean location and resume production.



Current ESP Schematic

Well Name: Miya 3-6C4
 Company Name: EP Energy
 Field, County, State: Altamont, Duchesne, Utah
 Surface Location: Lat: 40°15'12.585" N Long: 110°23'12.192" W
 Producing Zone(s): Wasatch

Last Updated: 10/24/2016
 By: Fondren
 TD: 12,219
 API: 4301352879
 AFE: 159364





Current ESP Schematic

Well Name: Miya 3-6C4
 Company Name: EP Energy
 Field, County, State: Altamont, Duchesne, Utah
 Surface Location: Lat: 40°15'12.585" N Long: 110°23'12.192" W
 Producing Zone(s): Wasatch

Last Updated: 10/31/2016
 By: Fondren
 TD: 12,219
 API: 4301352879
 AFE: _____

2016 Recompletion	
STG 4: 8,536' - 8,709' (21'/63 holes)	6,000 gals HCl + 6,000# 100M + 95,000# 30/50
STG 3: 8,748 - 8,867' (15'/45 holes)	6,000 gals HCl + 6,000# 100M + 70,000# 30/50
STG 2: 9,050' - 9,288' (23'/69 holes)	7,000 gals HCl + 7,000# 100M + 125,000# 30/50
STG 1: 9,548' - 9,660' (21'/66 holes)	14,000 gals HCl

Initial Completion Perf Information		
Stage #8	9687 - 9952	23' /69 shots
	5000 gal HCL & 150000 lbs TLC 30/50	
Stage #7	9980 - 10249	22' /66 shots
	5000 gal HCL & 150000 lbs TLC 30/50	
Stage #6	10280 - 10510	22' /66 shots
	5000 gal HCL & 150000 lbs TLC 30/50	
Stage #5	10536 - 10786	20' /60 shots
	5000 gal HCL & 150000 lbs Power Prop 30/50	
Stage #4	10820 - 11057	22' /66 shots
	5000 gal HCL & 150000 lbs Power Prop 30/50	
Stage #3	11088 - 11348	23' /69 shots
	5000 gal HCL & 150000 lbs Power Prop 30/50	
Stage #2	11406 - 11727	23' /69 shots
	5000 gal HCL & 150000 lbs Power Prop 30/50	
Stage #1	11761 - 12114	23' /69 shots
	5000 gal HCL & 150000 lbs Power Prop 30/50	

