

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

FORM 3

AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>		<b>1. WELL NAME and NUMBER</b> Chapita Wells Unit 1429-15DX
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		<b>3. FIELD OR WILDCAT</b> NATURAL BUTTES
<b>4. TYPE OF WELL</b> Gas Well Coalbed Methane Well: NO		<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b> CHAPITA WELLS
<b>6. NAME OF OPERATOR</b> EOG Resources, Inc.		<b>7. OPERATOR PHONE</b> 435 781-9111
<b>8. ADDRESS OF OPERATOR</b> 600 17th Street, Suite 1000 N, Denver, CO, 80202		<b>9. OPERATOR E-MAIL</b> kaylene_gardner@eogresources.com
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTU0283A	<b>11. MINERAL OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	<b>12. SURFACE OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>		<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>		<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>	<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>	<b>19. SLANT</b> 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	681 FSL 1838 FEL	SWSE	15	9.0 S	22.0 E	S
Top of Uppermost Producing Zone	670 FSL 1253 FEL	SESE	15	9.0 S	22.0 E	S
At Total Depth	670 FSL 1253 FEL	SESE	15	9.0 S	22.0 E	S

<b>21. COUNTY</b> UINTAH	<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 670	<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 1360
<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 500	<b>26. PROPOSED DEPTH</b> MD: 9603 TVD: 9647	
<b>27. ELEVATION - GROUND LEVEL</b> 4840	<b>28. BOND NUMBER</b> NM2308	<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 49-225

**Hole, Casing, and Cement Information**

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	12.25	9.625	0 - 2300	36.0	J-55 ST&C	10.5	Type III	140	4.1	10.5
							Type V	135	1.18	10.5
PROD	7.875	4.5	0 - 9647	11.6	N-80 LT&C	13.5	50/50 Poz	330	1.63	13.0
							50/50 Poz	815	1.47	13.5

**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 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

<b>NAME</b> Mickenzie Gates	<b>TITLE</b> Operations Clerk	<b>PHONE</b> 435 781-9145
<b>SIGNATURE</b>	<b>DATE</b> 03/23/2012	<b>EMAIL</b> mickenzie_gates@eogresources.com
<b>API NUMBER ASSIGNED</b> 43047524670000	 Permit Manager	

**DRILLING PLAN**

**MULTI-WELL PAD:  
CWU 1429-15DX, CWU 1430-15D  
SW/SE, SEC. 15, T9S, R22E, S.L.B.&M..  
UINTAH COUNTY, UTAH**

**1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:**

FORMATION	CWU 1429-15DX		CWU 1430-15D		TVD	MD	TVD	MD
	TVD	MD	TVD	MD				
Green River	1562	1574	1581	1600				
Birdsnest	1779	1794	1787	1810				
Mahogany Oil Shale Bed	2371	2394	2392	2428				
Wasatch	4764	4808	4789	4857				
Chapita Wells	5366	5410	5391	5459				
Buck Canyon	6042	6086	6072	6140				
North Horn	6654	6698	6695	6764				
KMV Price River	7239	7283	7270	7338				
KMV Price River Middle	8094	8138	8121	8191				
KMV Price River Lower	8877	8921	8906	8974				
Sego	9403	9447	9430	9499				
<b>TD</b>	<b>9603</b>	<b>9647</b>	<b>9630</b>	<b>9699</b>				
<b>ANTICIPATED BHP (PSI)</b>	<b>5243</b>		<b>5258</b>					

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 1,600 ft ±.
2. Isolation of all zones will be installed to surface of the well by cement.

**3. PRESSURE CONTROL EQUIPMENT:**

Production Hole – 5000 Psig  
BOP schematic diagrams attached.

**4. CASING PROGRAM:**

Casing	Hole Size	Length	Size	Weight	Grade	Thread	Rating Collapse	Rating Burst	Tensile
Conductor	20"	0 – 60'	14"	32.5#	A252			1800 PSI	10,000#
Surface	12 ¼"	0 – 2,300'±	9 ½"	36.0#	J-55	STC	2020 PSI	3520 PSI	394,000#
Production	7 7/8"	Surface – TD	4 ½"	11.6#	N-80	LTC	6350 PSI	7780 PSI	223,000#

**Note:** 12 ¼" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-½" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

**All casing will be new or inspected.**

## DRILLING PLAN

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UINTAH COUNTY, UTAH**

### **5. Float Equipment:**

#### **Surface Hole Procedure (0'- 2300'±)**

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1 in middle of shoe joint, then top of every joint for next 7 joints, 2 at KOP. (10 total)

#### **Production Hole Procedure (2300'± - TD):**

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Turbulizers to be placed 5' above shoe on joint #1, middle of joint #2 and #3. Centralizers starting on joint #4 and every 3rd joint to 400' above the top of primary objective. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

### **6. MUD PROGRAM**

#### **Surface Hole Procedure (Surface - 2300'±):**

**0' - 2300'±** Air/Air mist/Aerated water\* (\*A standby water source will be available at all times to act as a kill medium when conducting air drilling operations)

or

A closed-loop system utilizing a gelled bentonite mud will be employed. LCM sweeps, additions, etc. will be used as necessary.

#### **Production Hole Procedure (2300'± - TD):**

Anticipated mud weight 9.5-10.5 ppg depending on actual wellbore conditions encountered while drilling.

**2300'± - TD** A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

**DRILLING PLAN**

**MULTI-WELL PAD:  
CWU 1429-15DX, CWU 1430-15D  
SW/SE, SEC. 15, T9S, R22E, S.L.B.&M..  
UINTAH COUNTY, UTAH**

**7. VARIANCE REQUESTS:**

**Reference: Onshore Oil and Gas Order No. 1  
Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations**

- o EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- o EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- o EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- o EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- o EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

**8. EVALUATION PROGRAM:**

**Open-hole Logs:** None  
**Cased-hole Logs:** Cased-hole logs will be run in lieu of open-hole logs consisting of the following:  
**Cement Bond / Casing Collar Locator and Gamma Ray**

**9. CEMENT PROGRAM:****Surface Casing (0'- ±2300' MD):**

**Lead:** Lead volume to be calculated to bring cement from 500' above casing shoe to surface. Lead cement will be:

**140 sx. HES VariCem (Type III) + 2% Cal-Seal (Thixotropic Additive) + 0.3% Versaset (Thixotropic Additive) + 2% Econolite (Light Weight Additive), mixed at 10.5 ppg, 4.10 cfps, 26.88 gps fresh water**

**Tail:** Tail volume to be calculated to bring cement 500' above casing shoe. Tail cement will be:

**135 sx. HES HalCem (Type V) + 2% CaCl<sub>2</sub> (Accelerator), mixed at 15.6 ppg, 1.18 cfps, 5.05 gps fresh water**

**Top Out:** As necessary with:

**HES HalCem (Type V) + 2% CaCl<sub>2</sub> (Accelerator), mixed at 15.6 ppg, 1.18 cfps, 5.05 gps fresh water**

**Note:** The above number of sacks are calculated based on gauge hole. Final field cement volumes will be based on gauge hole plus 70% excess on the lead slurry and gauge hole plus 100% excess on the tail slurry.

## DRILLING PLAN

**MULTI-WELL PAD:  
CWU 1429-15DX, CWU 1430-15D  
SW/SE, SEC. 15, T9S, R22E, S.L.B.&M..  
UINTAH COUNTY, UTAH**

### Production Casing (0'± - TD):

**Lead:** Lead volume to be calculated to bring cement from 400' above top of Wasatch Formation to 200'± above 9 5/8" surface casing shoe @ ±2300' MD. For improved mud displacement, lead slurry weight will be a minimum of 0.5 ppg over mud weight utilized at well MTD and vary from 11.0 – 13.0 ppg.

If lead slurry weight required is 11.0 ppg – 12.5 ppg, cement will be:

**HES Highbond 75 (75/25 Poz/G) + 6% Bentonite (Extender) + 0.3% Versaset (Thixotropic Additive)  
+ 2% Microbond (Expansion Additive)**

Calculated sacks with corresponding mixed slurry weights, yields and water requirements for above cement will be as follows:

- 215 sx. if 11.0 ppg, 2.52 cfps, 14.96 gps fresh water
- 255 sx. if 11.5 ppg, 2.12 cfps, 11.98 gps fresh water
- 295 sx. if 12.0 ppg, 1.83 cfps, 9.82 gps fresh water
- 335 sx. if 12.5 ppg, 1.61 cfps, 8.17 gps fresh water

If lead slurry weight required is 13.0 ppg, cement will be:

**330 sx. HES ExtendaCem (50/50 Poz/G) + 0.125 pps Pol-E-Flake (Lost Circulation Additive),  
mixed at 13.0 ppg, 1.63 cfps, 8.16 gps fresh water**

**Tail:** Tail volume to be calculated to bring cement from MTD to 400' above top of Wasatch Formation. Tail cement will be:

**815 sx. HES ExtendaCem (50/50 Poz/G) + 0.125 pps Pol-E-Flake (Lost Circulation Additive),  
mixed at 13.5 ppg, 1.47 cfps, 6.98 gps fresh water**

**Note:** The above number of sacks in all cases are calculated based on gauge hole. Final field cement volumes will be based on gauge hole plus 50% excess on the lead slurry and gauge hole plus 70% excess on the tail slurry.

## **10. ABNORMAL CONDITONS:**

### Surface Hole (Surface - 2300'±):

Lost circulation

### Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

## **DRILLING PLAN**

**MULTI-WELL PAD:  
CWU 1429-15DX, CWU 1430-15D  
SW/SE, SEC. 15, T9S, R22E, S.L.B.&M..  
UINTAH COUNTY, UTAH**

### **11. STANDARD REQUIRED EQUIPMENT:**

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

### **12. HAZARDOUS CHEMICALS:**

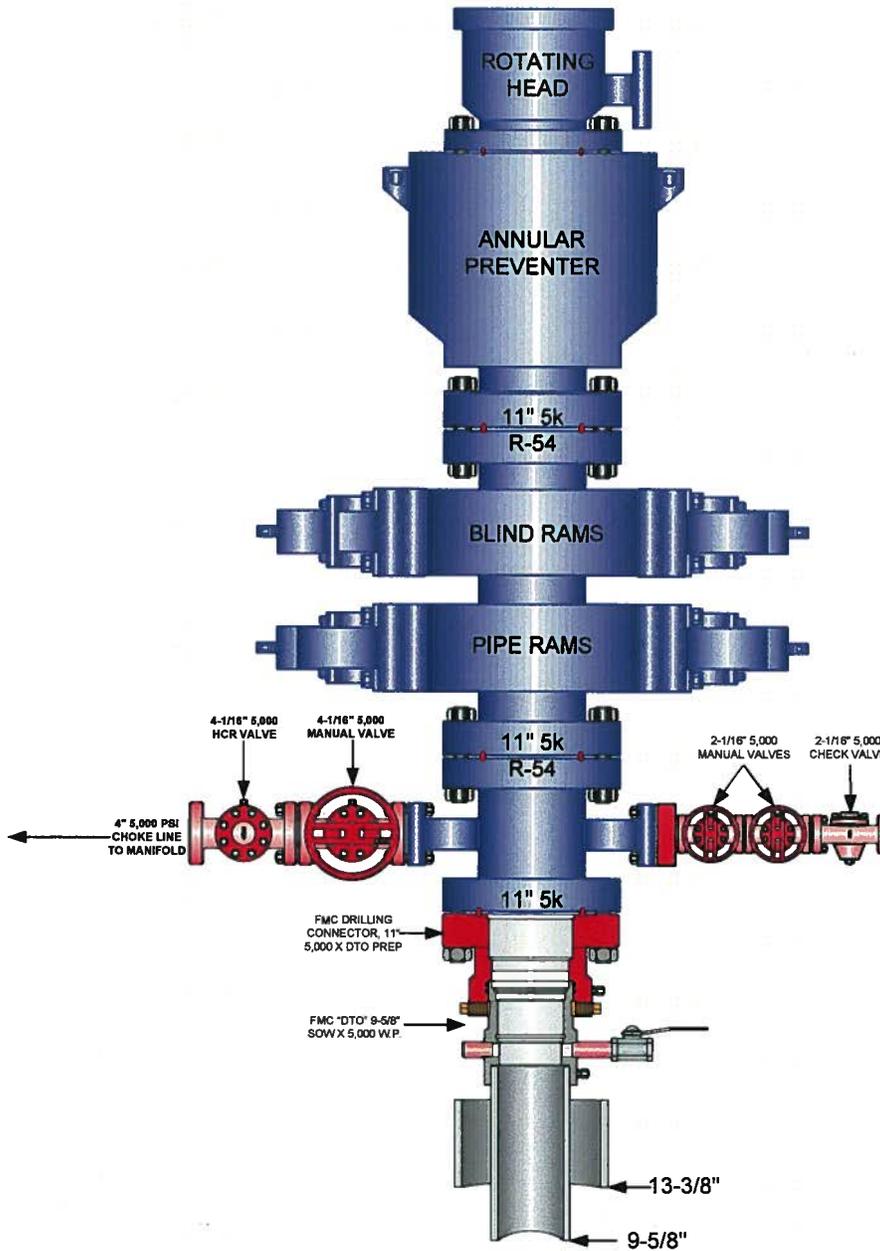
No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

### **13. Air Drilling Operations:**

1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

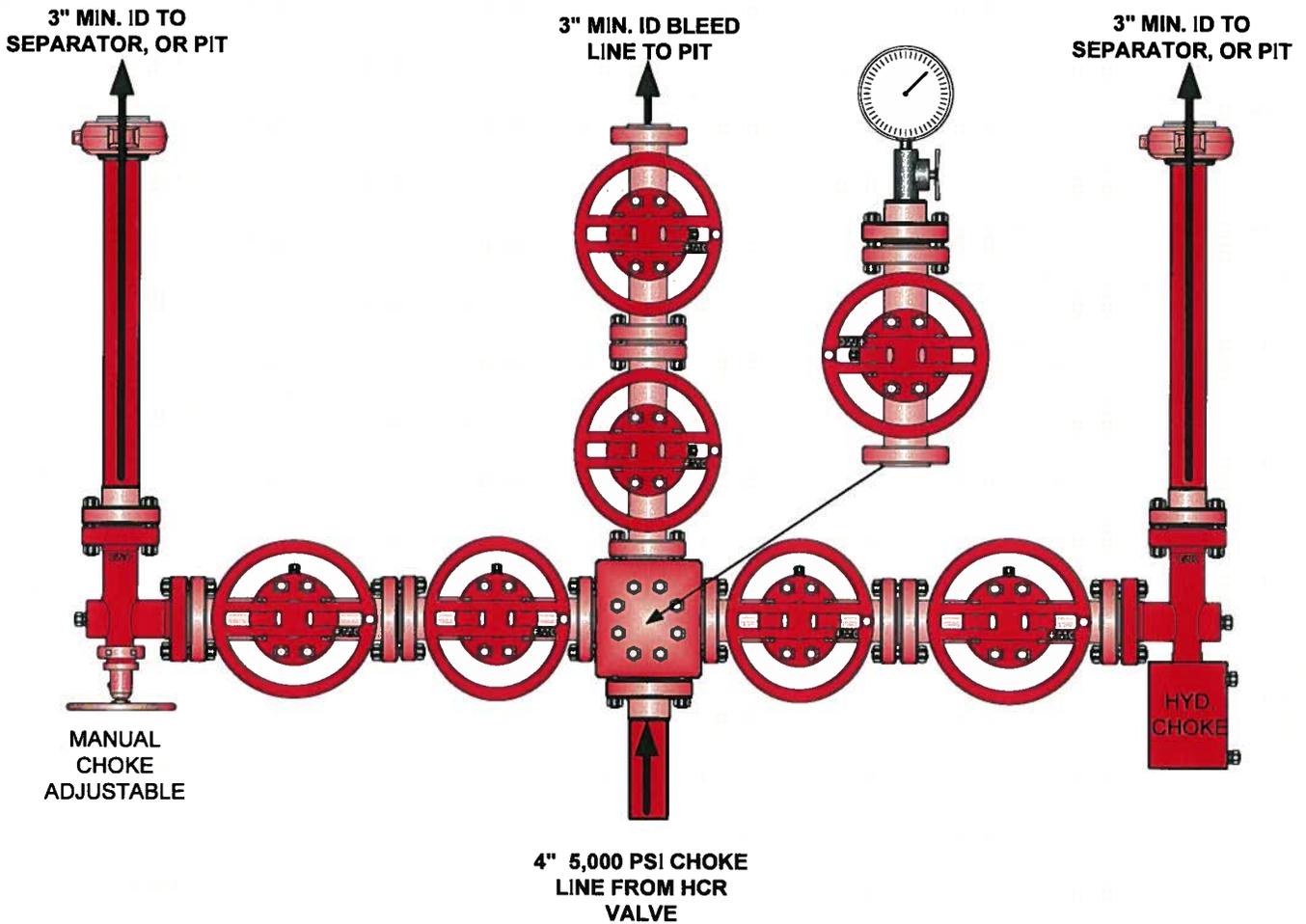
**(Attachment: BOP Schematic Diagram)**

**EOG RESOURCES 11" 5,000 PSI W.P. BOP CONFIGURATION**



**EOG RESOURCES CHOKE MANIFOLD CONFIGURATION  
W/ 5,000 PSI WP VALVES**

PAGE 2 OF 2



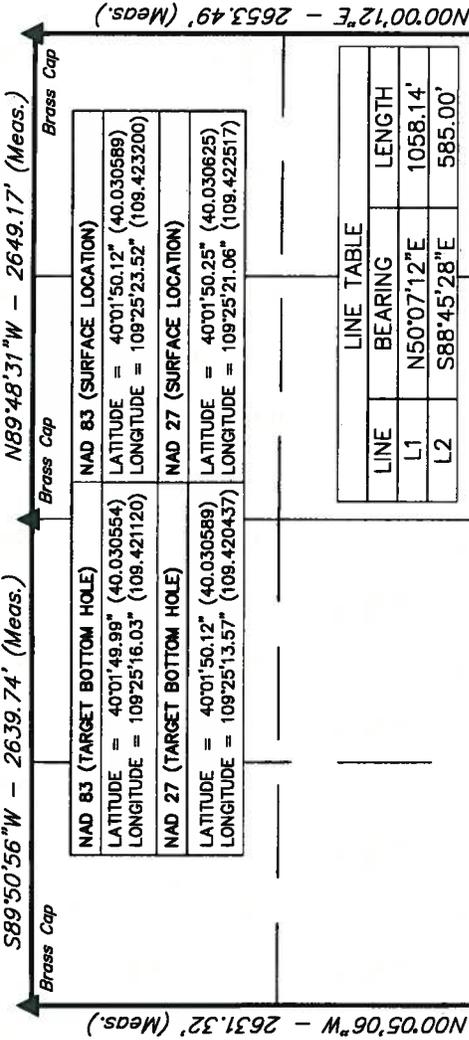
**Testing Procedure:**

1. BOP will be tested with a professional tester to conform to Onshore Order #2.
2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
3. Annular Preventer will be tested to 50% working pressure, 2,500 psi.  
Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, **whichever is greater.**
4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

# T9S, R22E, S.L.B.&M.

# EOG RESOURCES, INC.

Well location, CWU #1429-15DX, located as shown in the SW 1/4 SE 1/4 of Section 15, T9S, R22E, S.L.B.&M., Uintah County, Utah.



NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°01'49.99"	(40.030554)	LATITUDE = 40°01'50.12"	(40.030589)
LONGITUDE = 109°25'16.03"	(109.421120)	LONGITUDE = 109°25'23.52"	(109.423200)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°01'50.12"	(40.030589)	LATITUDE = 40°01'50.25"	(40.030625)
LONGITUDE = 109°25'13.57"	(109.420437)	LONGITUDE = 109°25'21.06"	(109.422517)

LINE	BEARING	LENGTH
L1	N50°07'12"E	1058.14'
L2	S88°45'28"E	585.00'

## BASIS OF ELEVATION

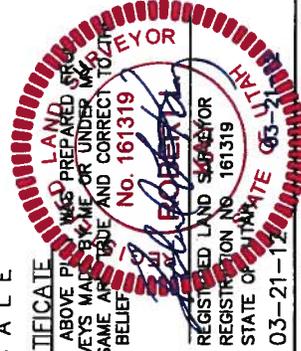
BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M., TAKEN FROM THE OURAY SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

## BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CWU #1429-15DX  
Elev. Ungraded Ground = 4840'



THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS PREPARED BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE MADE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
STATE OF UTAH  
REGISTRATION NO. 161319  
03-21-12

UINAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	9-19-08	09-24-08
PARTY	REFERENCES	
C.R. S.B. D.P.	G.L.O. PLAT	
WEATHER	FILE	
HOT		EOG RESOURCES, INC.

- LEGEND:
- = 90° SYMBOL
  - = PROPOSED WELL HEAD.
  - ▲ = SECTION CORNERS LOCATED.
  - △ = SECTION CORNERS RE-ESTABLISHED BY DOUBLE PROPORTION METHOD (Not Set On Ground)

Section Corners Re-Established by Double Proportion Method (Not Set On Ground)

W 1/4 Cor. Sec. 23, 1977 Brass Cap

1977 Brass Cap 2.5' High, Pile of Stones

N89°58'58"W - 2636.06' (Meas.)

N 1/4 Cor. Sec. 23, 1977 Brass Cap

REVIS: 03-19-12  
REVIS: 01-30-09 REVISED: 03-21-12

589°52'41"E  
2639.25' (Meas.)

N00°04'28"W - 2646.98' (Meas.)

N00°04'30"E  
2687.14' (Meas.)

1253'  
1838'

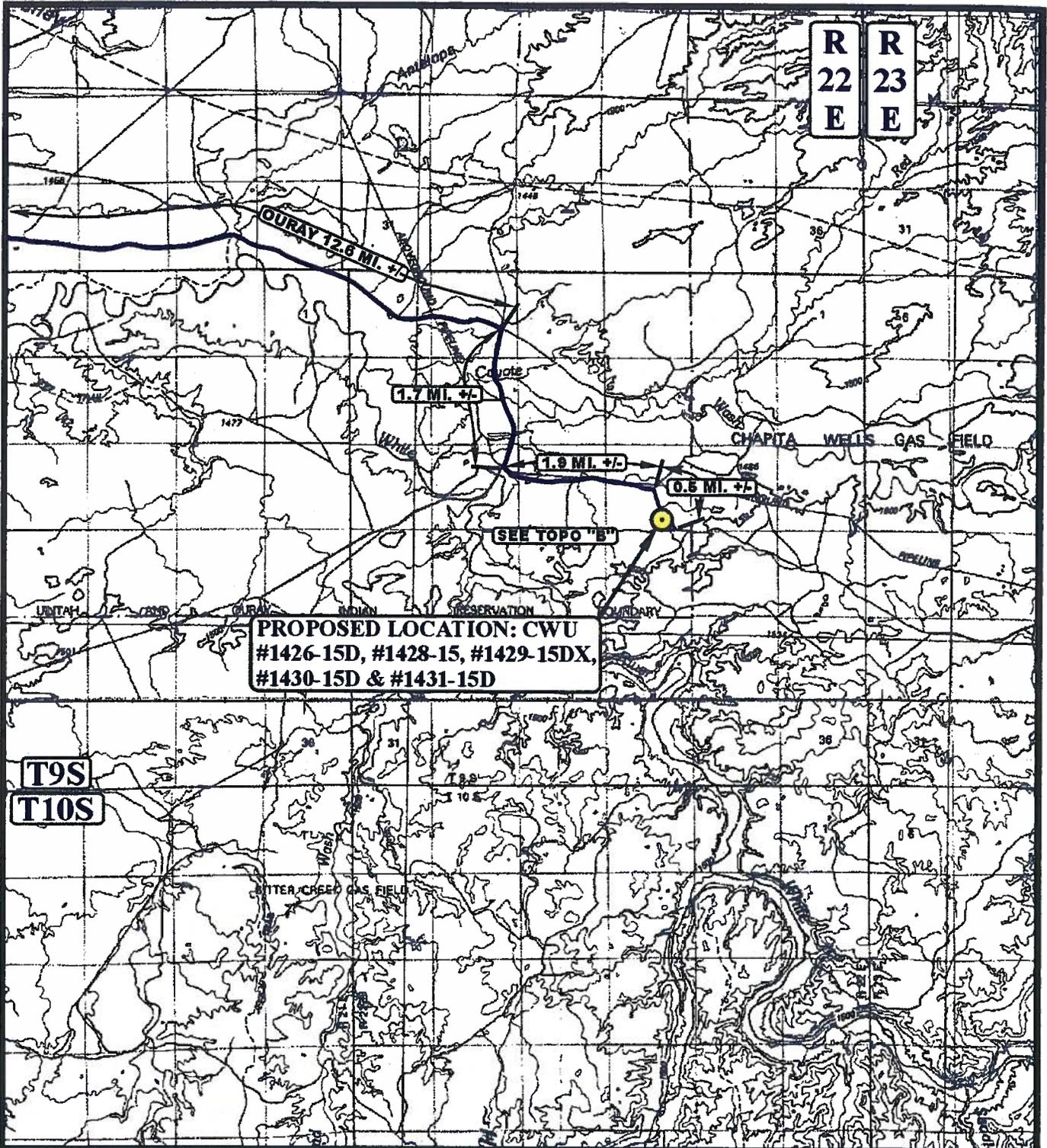
Bottom Hole

1977 Brass Cap 2.5' High, Pile of Stones

N89°48'25"W - 2650.54' (Meas.)

N00°02'11"W - 2661.32' (Meas.)

N00°05'06"W - 2631.32' (Meas.)



**PROPOSED LOCATION: CWU**  
**#1426-15D, #1428-15, #1429-15DX,**  
**#1430-15D & #1431-15D**

**T9S**  
**T10S**

**R**  
**22**  
**E**

**R**  
**23**  
**E**

**LEGEND:**

 **PROPOSED LOCATION**

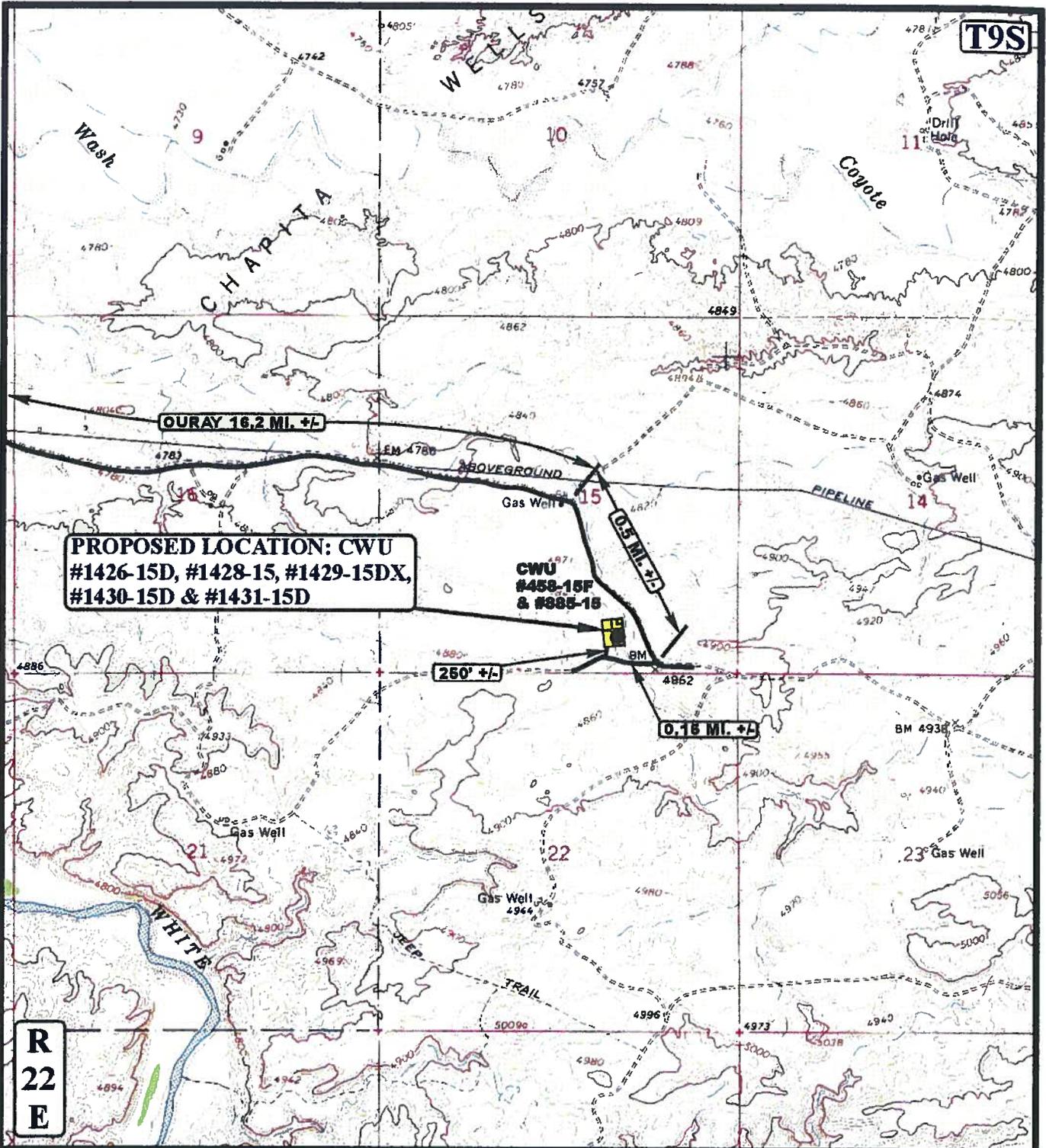
**EOG RESOURCES, INC.**

**CWU #1426-15D, #1428-15D, #1429-15DX,**  
**#1430-15D & #1431-15D**  
**SECTION 15, T9S, R22E, S.L.B.&M.**  
**SW 1/4 SE 1/4**

**U&L S**  
**Uintah Engineering & Land Surveying**  
**85 South 200 East Vernal, Utah 84078**  
**(435) 789-1017 \* FAX (435) 789-1813**



**TOPOGRAPHIC MAP** **09 25 08**  
 MONTH DAY YEAR  
**SCALE: 1:100,000** **DRAWN BY: D.P.** **REV: 03-21-12 C.I.** **TOPO**



**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD

N



**EOG RESOURCES, INC.**

CWU #1426-15D, #1428-15D, #1429-15DX,  
 #1430-15D & #1431-15D  
 SECTION 15, T9S, R22E, S.L.B.&M.  
 SW 1/4 SE 1/4



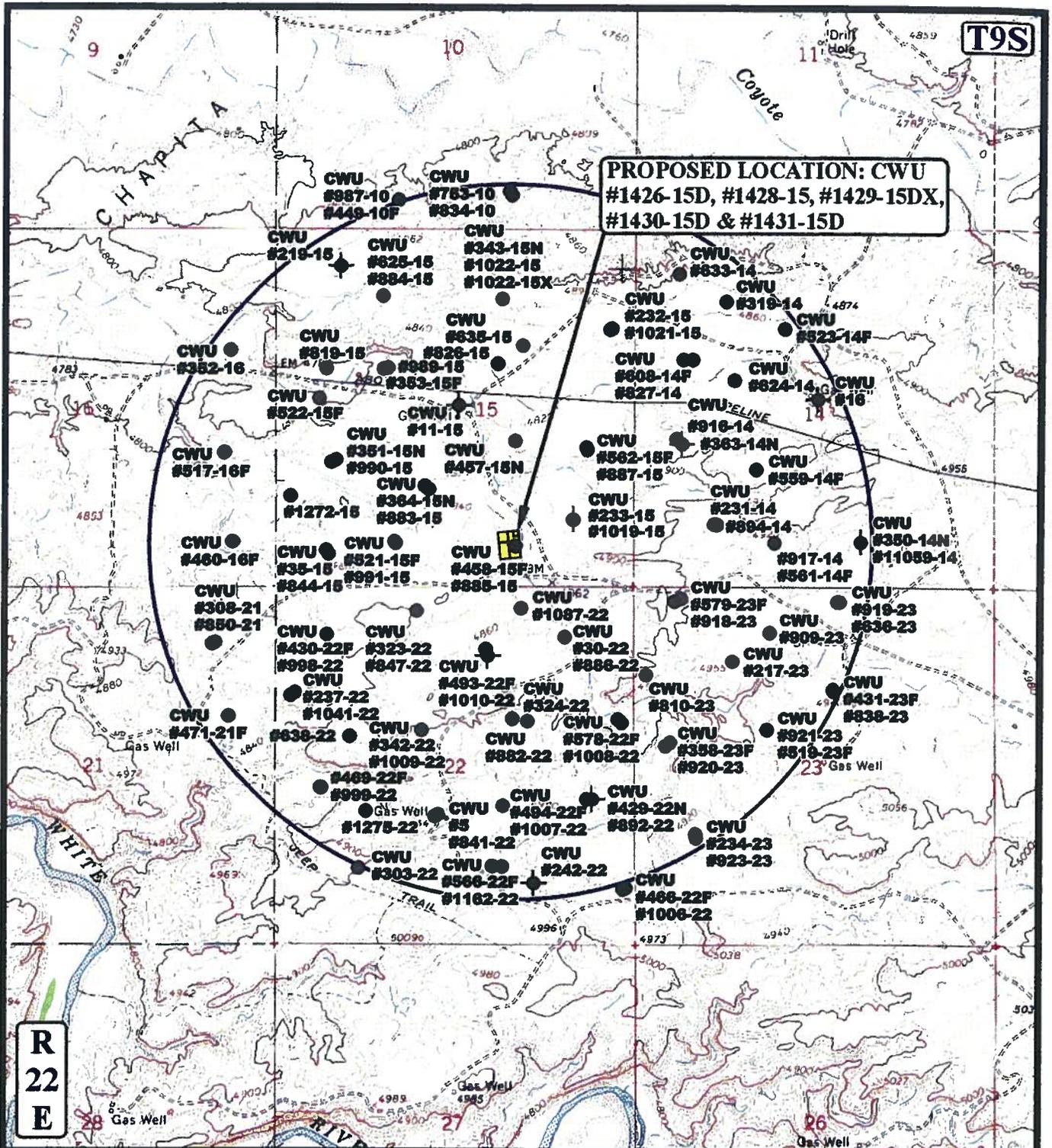
Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
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**TOPOGRAPHIC**  
**MAP**

**09 25 08**  
 MONTH DAY YEAR



SCALE: 1" = 2000' DRAWN BY: D.P. REV: 03-21-12 C.I.



**LEGEND:**

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- ◆ SHUT IN WELLS
- ⊕ WATER WELLS
- ⊖ ABANDONED WELLS
- ⊙ TEMPORARILY ABANDONED

**EOG RESOURCES, INC.**

CWU #1426-15D, #1428-15D, #1429-15DX,  
 #1430-15D & #1431-15D  
 SECTION 15, T9S, R22E, S.L.B.&M.  
 SW 1/4 SE 1/4



Utah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
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TOPOGRAPHIC  
 MAP

09 25 08  
 MONTH DAY YEAR



SCALE: 1" = 2000' DRAWN BY: D.P. REV: 03-21-12 C.I.



## **EOG Resources**

**Uintah County Utah  
Chapita Well Unit 1426-1431-15D  
CWU #1429-15DX  
#1429-15DX**

**Plan: Plan #1**

## **Standard Planning Report**

**22 March, 2012**







EOG Resources  
 Uintah County Utah  
 Chapita Well Unit 1426-1431-15D  
 CWU #1429-15DX  
 Latitude 40° 1' 50.250 N  
 Longitude 109° 25' 21.060 W  
 True #34 @ 4859.0ft (Original Well Elev)  
 Ground Level 4840.0  
 Utah Central 4302  
 NAD 1927 (NADCON CONUS)  
 Magnetic North is 10.95° East of True North (Magnetic Declination)



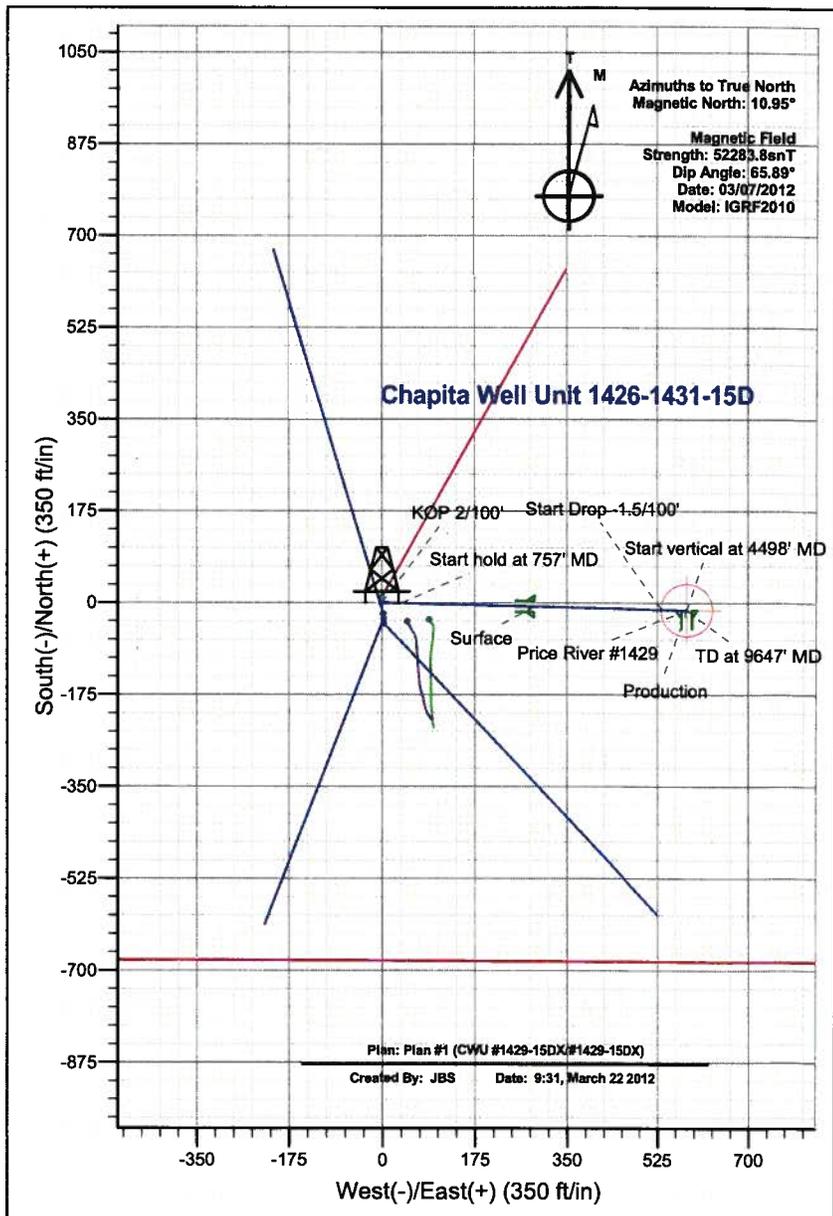
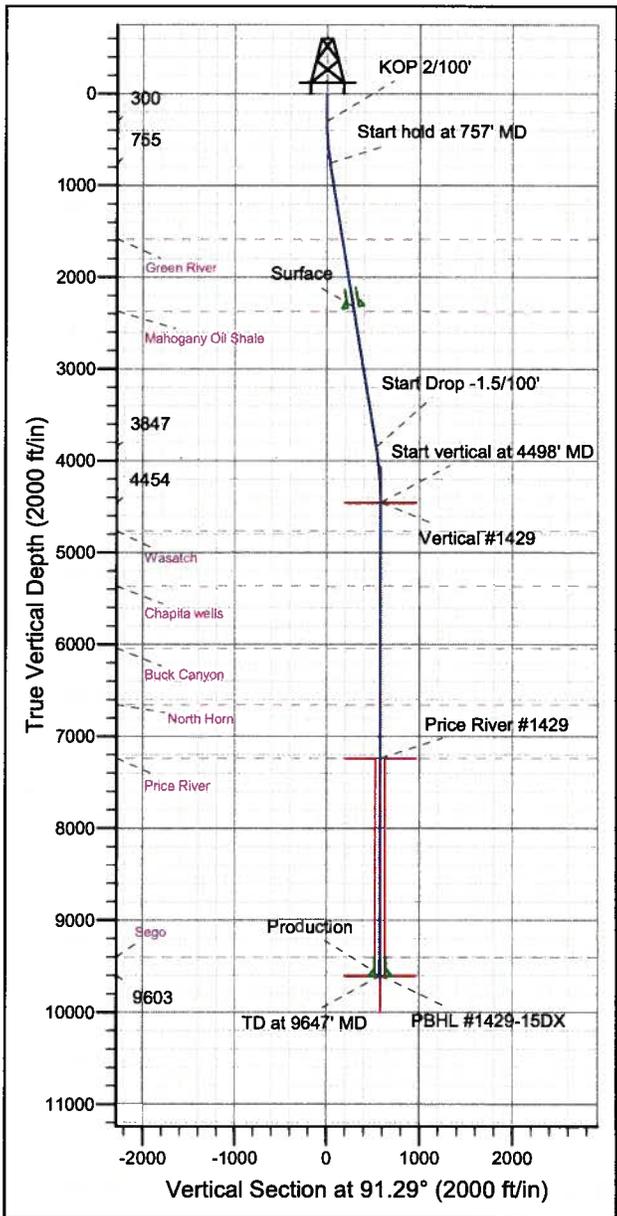
ANNOTATIONS		
TVD	MD	Annotation
300.0	300.0	KOP 2/100'
755.2	757.1	Start hold at 757' MD
3847.1	3888.8	Start Drop -1.5/100'
4454.0	4498.3	Start vertical at 4498' MD
9603.0	9647.3	TD at 9647' MD

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.0	
3	757.1	9.14	91.29	755.2	-0.8	36.4	2.00	91.29	36.4	
4	3888.8	9.14	91.29	3847.1	-12.0	533.8	0.00	0.00	534.0	
5	4498.3	0.00	0.00	4454.0	-13.1	582.3	1.50	180.00	582.5	Vertical #1429
6	7283.3	0.00	0.00	7239.0	-13.1	582.3	0.00	0.00	582.5	Price River #1429
7	9647.3	0.00	0.00	9603.0	-13.1	582.3	0.00	0.00	582.5	PBHL #1429-15DX

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
1582.0	1594.6	Green River
2371.0	2393.7	Mahogany Oil Shale
4764.0	4808.3	Wasatch
5366.0	5410.3	Chapita wells
6042.0	6086.3	Buck Canyon
6654.0	6698.3	North Horn
7239.0	7283.3	Price River
9403.0	9447.3	Sego

CASING DETAILS			
TVD	MD	Name	Size
2321.0	2343.1	Surface	9-5/8
9603.0	9647.3	Production	4-1/2

WELLBORE TARGET DETAILS				
Name	TVD	+N/-S	+E/-W	Shape
Vertical #1429	4454.0	-13.1	582.3	Point
Price River #1429	7239.0	-13.1	582.3	Circle (Radius: 50.0)
PBHL #1429-15DX	9603.0	-13.1	582.3	Point





Planning Report



<b>Database:</b>	EDM 2003.16 Single User Db	<b>Local Co-ordinate Reference:</b>	Well CWU #1429-15DX
<b>Company:</b>	EOG Resources	<b>TVD Reference:</b>	True #34 @ 4859.0ft (Original Well Elev)
<b>Project:</b>	Uintah County Utah	<b>MD Reference:</b>	True #34 @ 4859.0ft (Original Well Elev)
<b>Site:</b>	Chapita Well Unit 1426-1431-15D	<b>North Reference:</b>	True
<b>Well:</b>	CWU #1429-15DX	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	#1429-15DX		
<b>Design:</b>	Plan #1		

<b>Project</b>	Uintah County Utah		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	Utah Central 4302		

<b>Site</b>	Chapita Well Unit 1426-1431-15D				
<b>Site Position:</b>		<b>Northing:</b>	624,916.61 ft	<b>Latitude:</b>	40° 1' 49.861 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,581,686.14 ft	<b>Longitude:</b>	109° 25' 21.011 W
<b>Position Uncertainty:</b>	0.0 ft	<b>Slot Radius:</b>	"	<b>Grid Convergence:</b>	1.33 °

<b>Well</b>	CWU #1429-15DX					
<b>Well Position</b>	<b>+N/-S</b>	0.0 ft	<b>Northing:</b>	624,955.85 ft	<b>Latitude:</b>	40° 1' 50.250 N
	<b>+E/-W</b>	0.0 ft	<b>Easting:</b>	2,581,681.40 ft	<b>Longitude:</b>	109° 25' 21.060 W
<b>Position Uncertainty</b>		0.0 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	4,840.0 ft

<b>Wellbore</b>	#1429-15DX				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	03/07/12	10.95	65.89	52,284

<b>Design</b>	Plan #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	91.29

<b>Plan Sections</b>										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Buld Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.00	0.00	
757.1	9.14	91.29	755.2	-0.8	36.4	2.00	2.00	0.00	91.29	
3,888.8	9.14	91.29	3,847.1	-12.0	533.8	0.00	0.00	0.00	0.00	
4,498.3	0.00	0.00	4,454.0	-13.1	582.3	1.50	-1.50	0.00	180.00	Vertical #1429
7,283.3	0.00	0.00	7,239.0	-13.1	582.3	0.00	0.00	0.00	0.00	Price River #1429
9,647.3	0.00	0.00	9,603.0	-13.1	582.3	0.00	0.00	0.00	0.00	PBHL #1429



Planning Report



<b>Database:</b>	EDM 2003.16 Single User Db	<b>Local Co-ordinate Reference:</b>	Well CWU #1429-15DX
<b>Company:</b>	EOG Resources	<b>TVD Reference:</b>	True #34 @ 4859.0ft (Original Well Elev)
<b>Project:</b>	Uintah County Utah	<b>MD Reference:</b>	True #34 @ 4859.0ft (Original Well Elev)
<b>Site:</b>	Chapita Well Unit 1426-1431-15D	<b>North Reference:</b>	True
<b>Well:</b>	CWU #1429-15DX	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	#1429-15DX		
<b>Design:</b>	Plan #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
<b>KOP 2/100'</b>									
400.0	2.00	91.29	400.0	0.0	1.7	1.7	2.00	2.00	0.00
500.0	4.00	91.29	499.8	-0.2	7.0	7.0	2.00	2.00	0.00
600.0	6.00	91.29	599.5	-0.4	15.7	15.7	2.00	2.00	0.00
700.0	8.00	91.29	698.7	-0.6	27.9	27.9	2.00	2.00	0.00
757.1	9.14	91.29	755.2	-0.8	36.4	36.4	2.00	2.00	0.00
<b>Start hold at 757' MD</b>									
800.0	9.14	91.29	797.5	-1.0	43.2	43.2	0.00	0.00	0.00
900.0	9.14	91.29	896.2	-1.3	59.1	59.1	0.00	0.00	0.00
1,000.0	9.14	91.29	995.0	-1.7	75.0	75.0	0.00	0.00	0.00
1,100.0	9.14	91.29	1,093.7	-2.0	90.8	90.9	0.00	0.00	0.00
1,200.0	9.14	91.29	1,192.4	-2.4	106.7	106.8	0.00	0.00	0.00
1,300.0	9.14	91.29	1,291.2	-2.8	122.6	122.6	0.00	0.00	0.00
1,400.0	9.14	91.29	1,389.9	-3.1	138.5	138.5	0.00	0.00	0.00
1,500.0	9.14	91.29	1,488.6	-3.5	154.4	154.4	0.00	0.00	0.00
1,594.6	9.14	91.29	1,582.0	-3.8	169.4	169.5	0.00	0.00	0.00
<b>Green River</b>									
1,600.0	9.14	91.29	1,587.4	-3.8	170.3	170.3	0.00	0.00	0.00
1,700.0	9.14	91.29	1,686.1	-4.2	186.2	186.2	0.00	0.00	0.00
1,800.0	9.14	91.29	1,784.8	-4.5	202.0	202.1	0.00	0.00	0.00
1,900.0	9.14	91.29	1,883.5	-4.9	217.9	218.0	0.00	0.00	0.00
2,000.0	9.14	91.29	1,982.3	-5.3	233.8	233.9	0.00	0.00	0.00
2,100.0	9.14	91.29	2,081.0	-5.6	249.7	249.8	0.00	0.00	0.00
2,200.0	9.14	91.29	2,179.7	-6.0	265.6	265.6	0.00	0.00	0.00
2,300.0	9.14	91.29	2,278.5	-6.3	281.5	281.5	0.00	0.00	0.00
2,343.1	9.14	91.29	2,321.0	-6.5	288.3	288.4	0.00	0.00	0.00
<b>Surface</b>									
2,393.7	9.14	91.29	2,371.0	-6.7	296.3	296.4	0.00	0.00	0.00
<b>Mahogany Oil Shale</b>									
2,400.0	9.14	91.29	2,377.2	-6.7	297.3	297.4	0.00	0.00	0.00
2,500.0	9.14	91.29	2,475.9	-7.0	313.2	313.3	0.00	0.00	0.00
2,600.0	9.14	91.29	2,574.7	-7.4	329.1	329.2	0.00	0.00	0.00
2,700.0	9.14	91.29	2,673.4	-7.8	345.0	345.1	0.00	0.00	0.00
2,800.0	9.14	91.29	2,772.1	-8.1	360.9	361.0	0.00	0.00	0.00
2,900.0	9.14	91.29	2,870.8	-8.5	376.8	376.9	0.00	0.00	0.00
3,000.0	9.14	91.29	2,969.6	-8.8	392.7	392.8	0.00	0.00	0.00
3,100.0	9.14	91.29	3,068.3	-9.2	408.5	408.6	0.00	0.00	0.00
3,200.0	9.14	91.29	3,167.0	-9.5	424.4	424.5	0.00	0.00	0.00
3,300.0	9.14	91.29	3,265.8	-9.9	440.3	440.4	0.00	0.00	0.00
3,400.0	9.14	91.29	3,364.5	-10.3	456.2	456.3	0.00	0.00	0.00
3,500.0	9.14	91.29	3,463.2	-10.6	472.1	472.2	0.00	0.00	0.00
3,600.0	9.14	91.29	3,562.0	-11.0	488.0	488.1	0.00	0.00	0.00
3,700.0	9.14	91.29	3,660.7	-11.3	503.8	504.0	0.00	0.00	0.00
3,800.0	9.14	91.29	3,759.4	-11.7	519.7	519.9	0.00	0.00	0.00
3,888.8	9.14	91.29	3,847.1	-12.0	533.8	534.0	0.00	0.00	0.00
<b>Start Drop -1.5/100'</b>									
3,900.0	8.97	91.29	3,858.1	-12.0	535.6	535.7	1.50	-1.50	0.00
4,000.0	7.47	91.29	3,957.1	-12.4	549.9	550.0	1.50	-1.50	0.00
4,100.0	5.97	91.29	4,056.4	-12.6	561.6	561.7	1.50	-1.50	0.00
4,200.0	4.47	91.29	4,156.0	-12.8	570.7	570.9	1.50	-1.50	0.00
4,300.0	2.97	91.29	4,255.8	-13.0	577.2	577.3	1.50	-1.50	0.00



Planning Report



<b>Database:</b>	EDM 2003.16 Single User Db	<b>Local Co-ordinate Reference:</b>	Well CWU #1429-15DX
<b>Company:</b>	EOG Resources	<b>TVD Reference:</b>	True #34 @ 4859.0ft (Original Well Elev)
<b>Project:</b>	Uintah County Utah	<b>MD Reference:</b>	True #34 @ 4859.0ft (Original Well Elev)
<b>Site:</b>	Chapita Well Unit 1426-1431-15D	<b>North Reference:</b>	True
<b>Well:</b>	CWU #1429-15DX	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	#1429-15DX		
<b>Design:</b>	Plan #1		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
4,400.0	1.47	91.29	4,355.7	-13.1	581.1	581.2	1.50	-1.50	0.00	
4,498.3	0.00	0.00	4,454.0	-13.1	582.3	582.5	1.50	-1.50	0.00	
<b>Start vertical at 4498' MD - Vertical #1429</b>										
4,808.3	0.00	0.00	4,764.0	-13.1	582.3	582.5	0.00	0.00	0.00	
<b>Wasatch</b>										
5,410.3	0.00	0.00	5,366.0	-13.1	582.3	582.5	0.00	0.00	0.00	
<b>Chapita wells</b>										
6,086.3	0.00	0.00	6,042.0	-13.1	582.3	582.5	0.00	0.00	0.00	
<b>Buck Canyon</b>										
6,698.3	0.00	0.00	6,654.0	-13.1	582.3	582.5	0.00	0.00	0.00	
<b>North Horn</b>										
7,283.3	0.00	0.00	7,239.0	-13.1	582.3	582.5	0.00	0.00	0.00	
<b>Price River - Price River #1429</b>										
9,447.3	0.00	0.00	9,403.0	-13.1	582.3	582.5	0.00	0.00	0.00	
<b>Sego</b>										
9,647.3	0.00	0.00	9,603.0	-13.1	582.3	582.5	0.00	0.00	0.00	
<b>TD at 9647' MD - PBHL #1429</b>										

Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude	
Vertical #1429 - hit/miss target - Shape - plan hits target center - Point	0.00	0.00	4,454.0	-13.1	582.3	624,956.27	2,582,263.89	40° 1' 50.120 N	109° 25' 13.573 W	
Price River #1429 - plan hits target center - Circle (radius 50.0)	0.00	0.00	7,239.0	-13.1	582.3	624,956.27	2,582,263.89	40° 1' 50.120 N	109° 25' 13.573 W	
PBHL #1429 - plan hits target center - Point	0.00	0.00	9,603.0	-13.1	582.3	624,956.27	2,582,263.89	40° 1' 50.120 N	109° 25' 13.573 W	

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
9,647.3	9,603.0	Production	4-1/2	7-7/8	
2,343.1	2,321.0	Surface	9-5/8	12-1/4	



Planning Report



<b>Database:</b>	EDM 2003.16 Single User Db	<b>Local Co-ordinate Reference:</b>	Well CWU #1429-15DX
<b>Company:</b>	EOG Resources	<b>TVD Reference:</b>	True #34 @ 4859.0ft (Original Well Elev)
<b>Project:</b>	Uintah County Utah	<b>MD Reference:</b>	True #34 @ 4859.0ft (Original Well Elev)
<b>Site:</b>	Chapita Well Unit 1426-1431-15D	<b>North Reference:</b>	True
<b>Well:</b>	CWU #1429-15DX	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	#1429-15DX		
<b>Design:</b>	Plan #1		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
6,086.3	6,042.0	Buck Canyon		0.00		
2,393.7	2,371.0	Mahogany Oil Shale		0.00		
7,283.3	7,239.0	Price River		0.00		
4,808.3	4,764.0	Wasatch		0.00		
1,594.6	1,582.0	Green River		0.00		
6,698.3	6,654.0	North Horn		0.00		
9,447.3	9,403.0	Sego		0.00		
5,410.3	5,366.0	Chapita wells		0.00		

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
300.0	300.0	0.0	0.0	KOP 2/100'	
757.1	755.2	-0.8	36.4	Start hold at 757' MD	
3,888.8	3,847.1	-12.0	533.8	Start Drop -1.5/100'	
4,498.3	4,454.0	-13.1	582.3	Start vertical at 4498' MD	
9,647.3	9,603.0	-13.1	582.3	TD at 9647' MD	



**Chapita Wells Unit 1426-15D, 1428-15D, 1429-15DX, 1430-15D, 1431-15D  
SWSE, Section 15, T9S, R22E  
Uintah County, Utah**

***SURFACE USE PLAN***

**The well pad is approximately 350 feet long with a 295-foot width, containing 2.37 acres more or less. The well access road is approximately 250 feet long with a 40-foot right-of-way, disturbing approximately 0.17 acres. New surface disturbance associated with access road and the well pad is estimated to be approximately 2.54 acres.**

**1. EXISTING ROADS:**

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 47.9 miles south of Vernal, Utah – See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

**2. PLANNED ACCESS ROAD:**

- A. The access road will be approximately 250 in length, Culvert's if necessary See attached Topo B.
- B. The access road has a 40-foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.
- I. A 40-foot permanent right-of-way is requested. No surfacing material will used.

**CHAPITA WELLS UNIT 1426-15D, 1428-15D, 1429-15DX, 1430-15D, 1431-15D  
Surface Use Plan****Page 2**

- J. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed, safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 40-foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the roadbed block the drainages. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 40-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

**3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:**

See attached TOPO map "C" for the location of wells within a one-mile radius.

**4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:****A. On Well Pad**

1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400-bbl vertical tanks and attaching piping.
2. Gas gathering lines – A 4" gathering line will be buried from dehy to the edge of the location.

**CHAPITA WELLS UNIT 1426-15D, 1428-15D, 1429-15DX, 1430-15D, 1431-15D  
Surface Use Plan****Page 3****B. Off Well Pad**

1. Proposed pipeline will transport natural gas.
2. The pipeline will be a permanent feeder line.
3. No of well pad pipeline will be required. The existing pipeline for producing Chapita Wells Unit 458-15F and Chapita Wells Unit 885-15 will be used.
4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface
5. Proposed pipeline will be laid on surface.
6. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. **All facilities will be painted with Carlsbad Canyon.** Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

**5. LOCATION AND TYPE OF WATER SUPPLY:**

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

**6. SOURCE OF CONSTRUCTION MATERIALS:**

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

**7. METHODS OF HANDLING WASTE DISPOSAL:****A. METHODS AND LOCATION**

1. Cuttings will be confined and dried in a cuttings pit. Dried cuttings shall be spread on the access road.

**CHAPITA WELLS UNIT 1426-15D, 1428-15D, 1429-15DX, 1430-15D, 1431-15D  
Surface Use Plan**

Page 4

2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
  3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
  4. Produced wastewater will be confined to a storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD CWU 2-29 SWD, Red Wash Evaporation Ponds 1, 2, 3, 4, 5, 6, or 7, or Coyote Evaporation Ponds 1, 2,3, or 4, or **White River Evaporation Ponds 1, or 2**, or Hoss SWD Facility. right-of-way UTU 86010, UTU 897093 or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
  5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either natural or artificial evaporation methods, or by removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the closed loop system will be avoided by flaring them off in the flare pit at the time of recovery.

The referenced well will be drilling utilizing a closed loop system. The closed loop system will be installed in a manner that preventing leaks, breaks, or discharge. Drill cutting will be contained in an area approximately 50' x 100'. The surface drill cuttings pile will be bermed and lined with bentonite. Drill cuttings will be dried and spread on location. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold

**CHAPITA WELLS UNIT 1426-15D, 1428-15D, 1429-15DX, 1430-15D, 1431-15D  
Surface Use Plan****Page 5**

planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

**8. ANCILLARY FACILITIES:**

None anticipated.

**9. WELL SITE LAYOUT:**

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The proposed location will be drilled utilizing a closed loop system.

The stockpiled pit topsoil (first six inches) will be stored separate from the location topsoil west of corner #5. The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protect of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the south.

**The existing pond will be moved to the eastern edge of the proposed well pad.**

**10. PLANS FOR RECLAMATION OF THE SURFACE:****A. Interim Reclamation (Producing Location)**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours – See attached Figure #3. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

**CHAPITA WELLS UNIT 1426-15D, 1428-15D, 1429-15DX, 1430-15D, 1431-15D  
Surface Use Plan****Page 6**

The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

<b>Seed Mixture</b>	<b>Drilled Rate (lbs./acre PLS*)</b>
Crested Wheatgrass	9.0
Kochia Prostrata	3.0

\*Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

**B. Dry Hole/Abandoned Location**

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

**11. SURFACE OWNERSHIP:**

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

Bureau of Land Management

**12. OTHER INFORMATION:**

A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:

- Whether the materials appear eligible for the National Register of Historic Places;
- The mitigation measures the operator will likely have to undertake before the site can be used.
- A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed

**CHAPITA WELLS UNIT 1426-15D, 1428-15D, 1429-15DX, 1430-15D, 1431-15D  
Surface Use Plan****Page 7**

materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
- D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied, as needed, to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A block cultural resources survey was conducted and submitted by Montgomery Archaeological Consultants, MOAC Report # 06-611, on March 15, 2007. A paleontological survey was conducted and submitted by Intermountain Paleo, MOAC Report # 04-228, on September 29, 2004

**Additional Surface Stipulations:**

None

**CHAPITA WELLS UNIT 1426-15D, 1428-15D, 1429-15DX, 1430-15D, 1431-15D**  
**Surface Use Plan**

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**Page 8**

***LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:***

**PERMITTING AGENT**

Mickenzie Gates  
EOG Resources, Inc.  
1060 East Highway 40  
Vernal, UT 84078  
(435) 781-9145

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

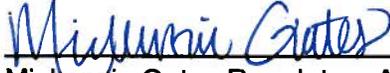
**CHAPITA WELLS UNIT 1426-15D, 1428-15D, 1429-15DX, 1430-15D, 1431-15D  
Surface Use Plan****Page 9****CERTIFICATION:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 1426-15D, 1428-15D, 1429-15D, 1430-15D, 1431-15D Wells, located in the SWSE, of Section 15, T9S, R22E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

3/22/2012 \_\_\_\_\_

Date



Mickenzie Gates Regulatory Assistant

Onsite Date: February 18, 2009

**EOG RESOURCES, INC.**  
**CWU #1426-15D, #1428-15D, #1429-15DX,**  
**#1430-15D & #1431-15D**  
**LOCATED IN UINTAH COUNTY, UTAH**  
**SECTION 15, T9S, R22E, S.L.B.&M.**

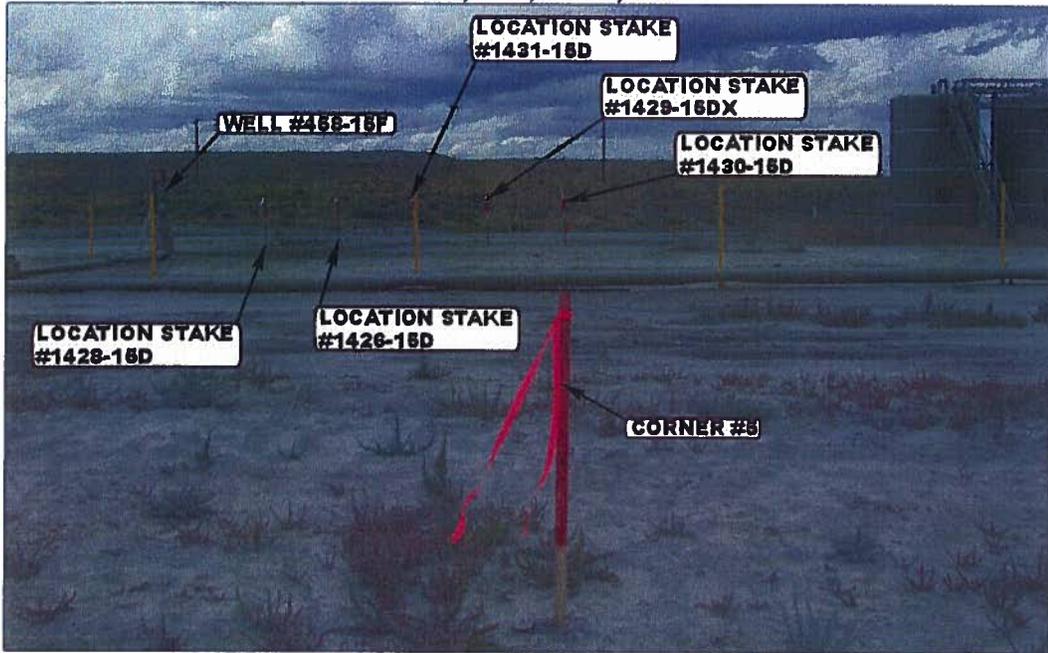


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -



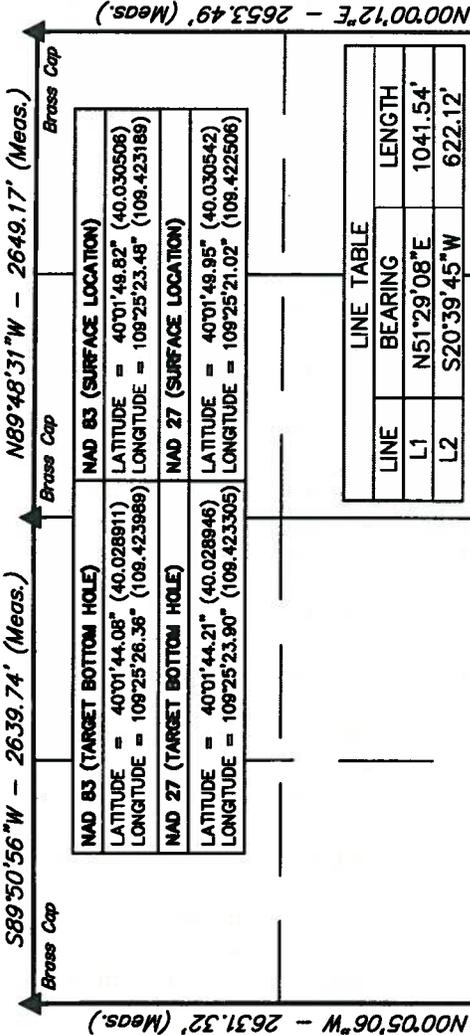
Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

LOCATION PHOTOS	09	25	08	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: C.R.	DRAWN BY: D.P.		REV: 03-21-12 C.I.	

# T9S, R22E, S.L.B.&M.

# EOG RESOURCES, INC.

Well location, CWU #1426-15D, located as shown in the SW 1/4 SE 1/4 of Section 15, T9S, R22E, S.L.B.&M., Uintah County, Utah.



NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°01'44.08" (40.028911)	LATITUDE = 40°01'48.82" (40.030506)
LONGITUDE = 109°25'26.36" (109.423989)	LONGITUDE = 109°25'23.48" (109.423186)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°01'44.21" (40.028946)	LATITUDE = 40°01'48.95" (40.030542)
LONGITUDE = 109°25'23.90" (109.423305)	LONGITUDE = 109°25'21.02" (109.422506)

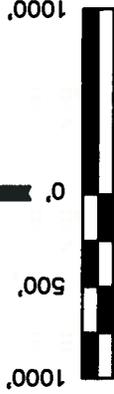
LINE	BEARING	LENGTH
L1	N51°29'08"E	1041.54'
L2	S20°39'45"W	622.12'

## BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M., TAKEN FROM THE OURAY SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

## BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CWU #1426-15D  
Elev. Ungraded Ground = 4840'



N 1/4 Cor. Sec. 23 1977 Brass Cap

Bottom Hole  
N89°48'25"W (Meas.)  
2650.54'

Section Corners Re-Established by Double Proportion Method (Not Set On Ground)

W 1/4 Cor. Sec. 23 1977 Brass Cap

### LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED BY DOUBLE PROPORTION METHOD (Not Set On Ground)

SCALE	1" = 1000'	DATE SURVEYED:	9-19-08	DATE DRAWN:	09-24-08
PARTY	C.R. S.B. D.P.	REFERENCES	G.L.O. PLAT		
WEATHER	HOT	FILE	EOG RESOURCES, INC.		

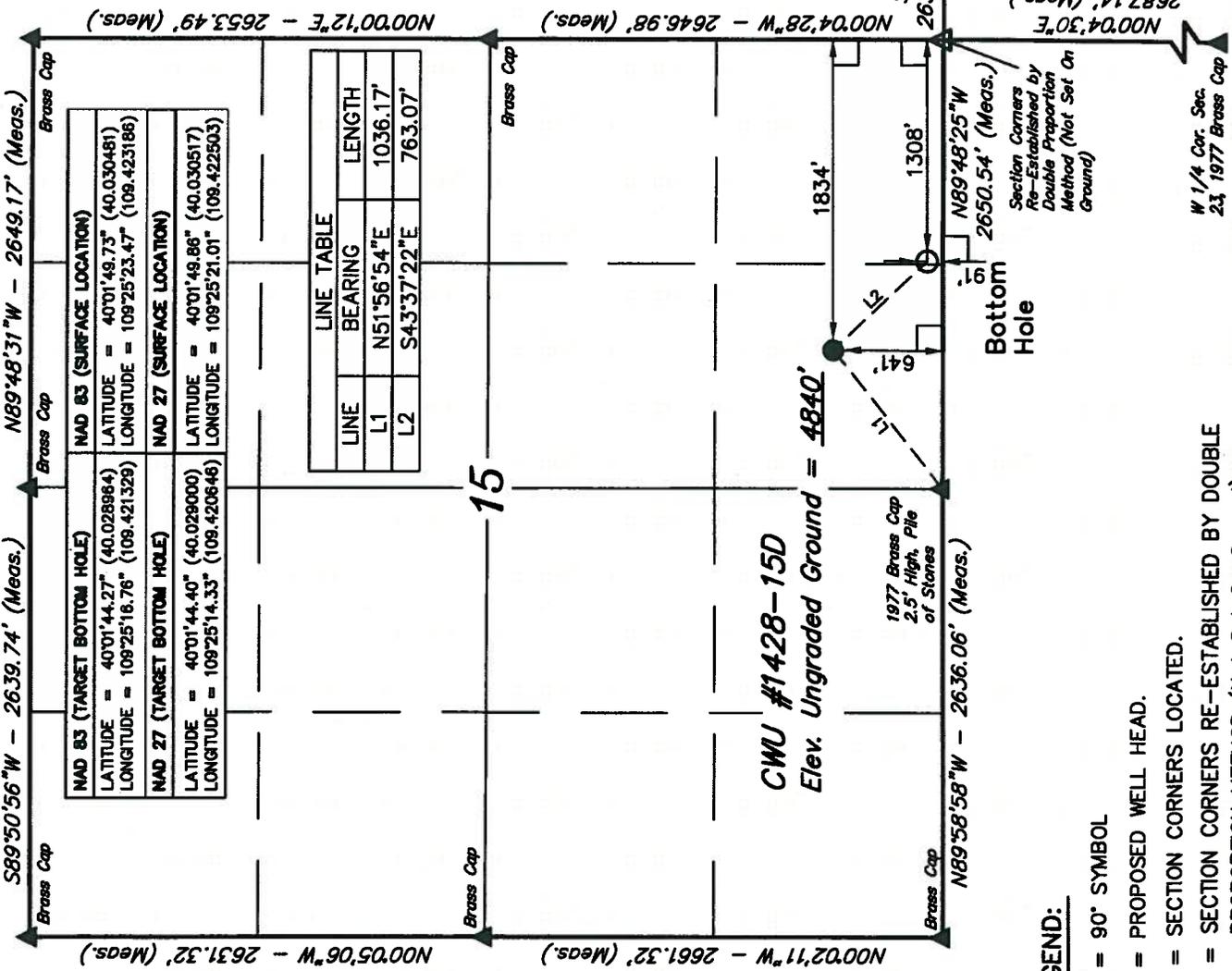
UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

CERTIFICATE AND FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF No. 161319

# T9S, R22E, S.L.B.&M.

# EOG RESOURCES, INC.

Well location, CWU #1428-15D, located as shown in the SW 1/4 SE 1/4 of Section 15, T9S, R22E, S.L.B.&M., Uintah County, Utah.



NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°01'44.27" (40.028864)	LATITUDE = 40°01'49.73" (40.030481)
LONGITUDE = 109°25'18.76" (109.421329)	LONGITUDE = 109°25'23.47" (109.423186)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°01'44.40" (40.028000)	LATITUDE = 40°01'49.86" (40.030517)
LONGITUDE = 109°25'14.33" (109.420846)	LONGITUDE = 109°25'21.01" (109.422503)

LINE	BEARING	LENGTH
L1	N51°56'54"E	1036.17'
L2	S43°37'22"E	763.07'

### BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M., TAKEN FROM THE OURAY SE QUADRANGLE, UTAH, UINAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE AND FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. No. 161319

N 1/4 Cor. Sec. 23, 1977 Brass Cap

S89°52'41"E  
2639.25' (Meas.)

Bottom Hole

Section Corners Re-Established by Double Proportion Method (Not Set On Ground)

W 1/4 Cor. Sec. 23, 1977 Brass Cap

### LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED BY DOUBLE PROPORTION METHOD (Not Set On Ground)

UTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE	1" = 1000'	DATE SURVEYED:	9-19-08	DATE DRAWN:	09-24-08
PARTY	C.R. S.B. D.P.	REFERENCES	G.L.O. PLAT		
WEATHER	HOT	FILE	EOG RESOURCES, INC.		

# T9S, R22E, S.L.B.&M.

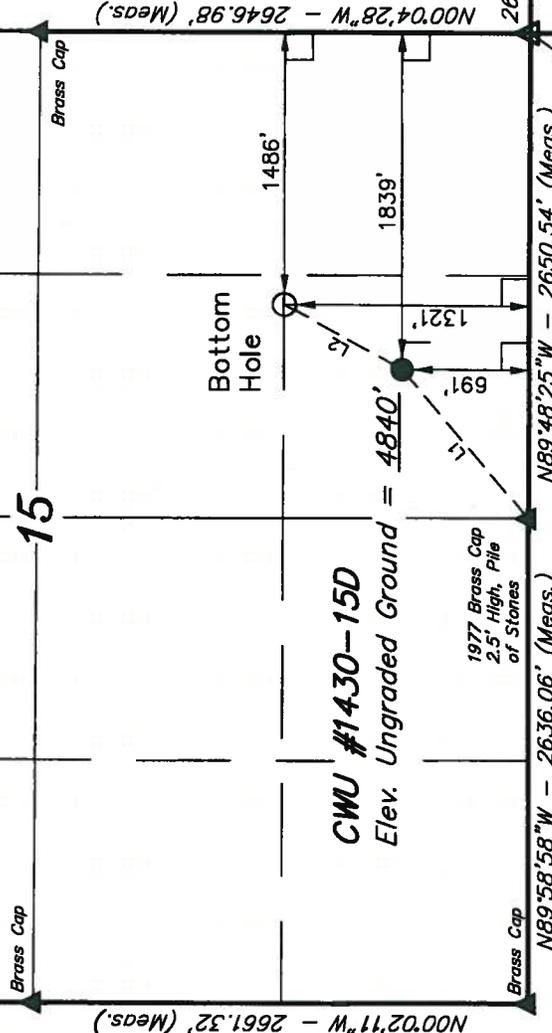
## EOG RESOURCES, INC.

Well location, CWU #1430-15D, located as shown in the SW 1/4 SE 1/4 of Section 15, T9S, R22E, S.L.B.&M., Uintah County, Utah.

Brass Cap  $S89^{\circ}50'56''W - 2639.74'$  (Meas.)  $N89^{\circ}48'31''W - 2649.17'$  (Meas.) Brass Cap

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = $40^{\circ}01'56.43''$ (40.032341)	LATITUDE = $40^{\circ}01'50.22''$ (40.030617)
LONGITUDE = $109^{\circ}25'19.02''$ (109.421951)	LONGITUDE = $109^{\circ}25'23.53''$ (109.423203)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = $40^{\circ}01'56.55''$ (40.032376)	LATITUDE = $40^{\circ}01'50.35''$ (40.030653)
LONGITUDE = $109^{\circ}25'16.56''$ (109.421268)	LONGITUDE = $109^{\circ}25'21.07''$ (109.422519)

LINE	BEARING	LENGTH
L1	$N49^{\circ}40'28''E$	1063.79'
L2	$N29^{\circ}13'35''E$	720.76'



Section Corners Re-Established by Double Proportion Method (Not Set On Ground)

$N1/4$  Cor. Sec. 23, 1977 Brass Cap

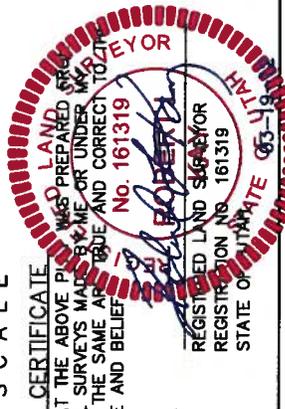
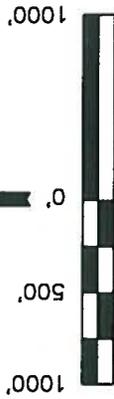
- LEGEND:**
- = 90° SYMBOL
  - = PROPOSED WELL HEAD.
  - ▲ = SECTION CORNERS LOCATED.
  - △ = SECTION CORNERS RE-ESTABLISHED BY DOUBLE PROPORTION METHOD (Not Set On Ground)

### BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M., TAKEN FROM THE OURAY SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE OF LAND SURVEY  
 THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS PREPARED BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ACCORDS TO THE BEST OF MY KNOWLEDGE AND BELIEF.

$N1/4$  Cor. Sec. 23, 1977 Brass Cap

REVISED: 03-19-12  
 REVISED: 01-30-09

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	9-19-08	09-24-08
PARTY	REFERENCES	
C.R. S.B. D.P.	G.L.O. PLAT	
WEATHER	FILE	
HOT	EOG RESOURCES, INC.	

# T9S, R22E, S.L.B.&M.

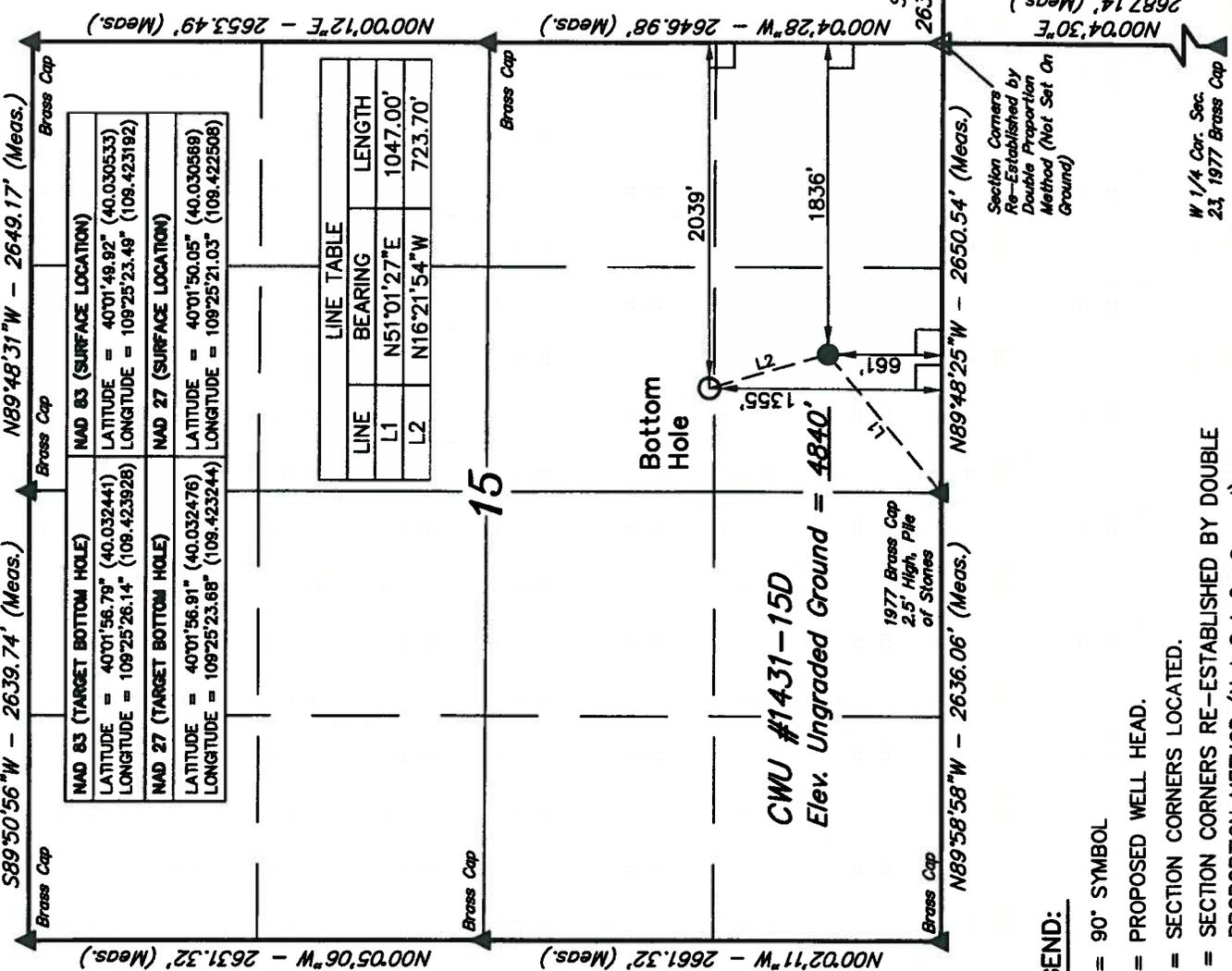
# EOG RESOURCES, INC.

Well location, CWU #1431-15D, located as shown in the SW 1/4 SE 1/4 of Section 15, T9S, R22E, S.L.B.&M., Uintah County, Utah.

889°50'56"W - 2639.74' (Meas.) N89°48'31"W - 2649.17' (Meas.) Brass Cap

MAD 83 (TARGET BOTTOM HOLE)		MAD 83 (SURFACE LOCATION)	
LATITUDE = 40°01'56.79"	(40.032441)	LATITUDE = 40°01'49.92"	(40.030533)
LONGITUDE = 109°25'26.14"	(109.423928)	LONGITUDE = 109°25'23.49"	(109.423192)
MAD 27 (TARGET BOTTOM HOLE)		MAD 27 (SURFACE LOCATION)	
LATITUDE = 40°01'56.91"	(40.032476)	LATITUDE = 40°01'50.05"	(40.030589)
LONGITUDE = 109°25'23.68"	(109.423244)	LONGITUDE = 109°25'21.03"	(109.422508)

LINE	BEARING	LENGTH
L1	N51°01'27"E	1047.00'
L2	N16°21'54"W	723.70'

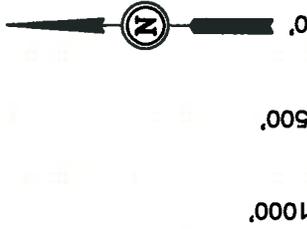


## BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M., TAKEN FROM THE OURAY SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

## BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



N 1/4 Cor. Sec. 23, 1977 Brass Cap

UNTAH ENGINEERING & LAND SURVEYING  
86 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE	1" = 1000'	DATE SURVEYED:	9-19-08	DATE DRAWN:	09-24-08
PARTY	C.R. S.B. D.P.	REFERENCES	G.L.O. PLAT		
WEATHER	HOT	FILE	EOG RESOURCES, INC.		

## LEGEND:

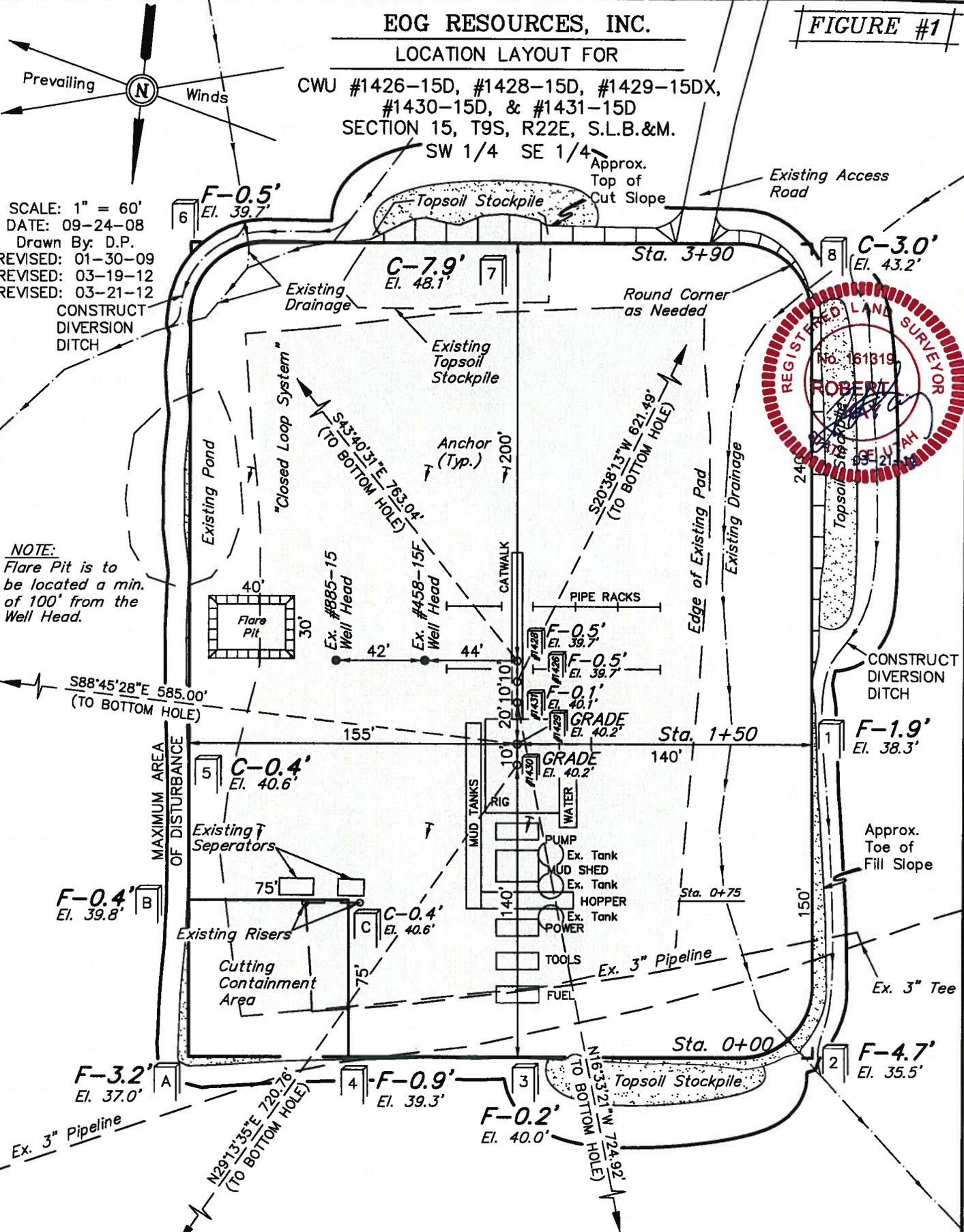
- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED BY DOUBLE PROPORTION METHOD (Not Set On Ground)

EOG RESOURCES, INC.

LOCATION LAYOUT FOR

CWU #1426-15D, #1428-15D, #1429-15DX,  
#1430-15D, & #1431-15D  
SECTION 15, T9S, R22E, S.L.B.&M.

FIGURE #1



SCALE: 1" = 60'  
DATE: 09-24-08  
Drawn By: D.P.  
REVISED: 01-30-09  
REVISED: 03-19-12  
REVISED: 03-21-12

CONSTRUCT DIVERSION DITCH

**NOTE:**  
Flare Pit is to be located a min. of 100' from the Well Head.

S88°45'28"E 585.00'  
(TO BOTTOM HOLE)

MAXIMUM AREA OF DISTURBANCE

Ex. 3" Pipeline

N29°13'35"E 720.76'  
(TO BOTTOM HOLE)

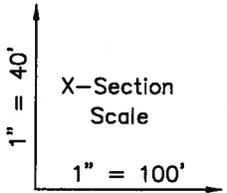
N16°32'21"W 724.92'  
(TO BOTTOM HOLE)

**EOG RESOURCES, INC.**

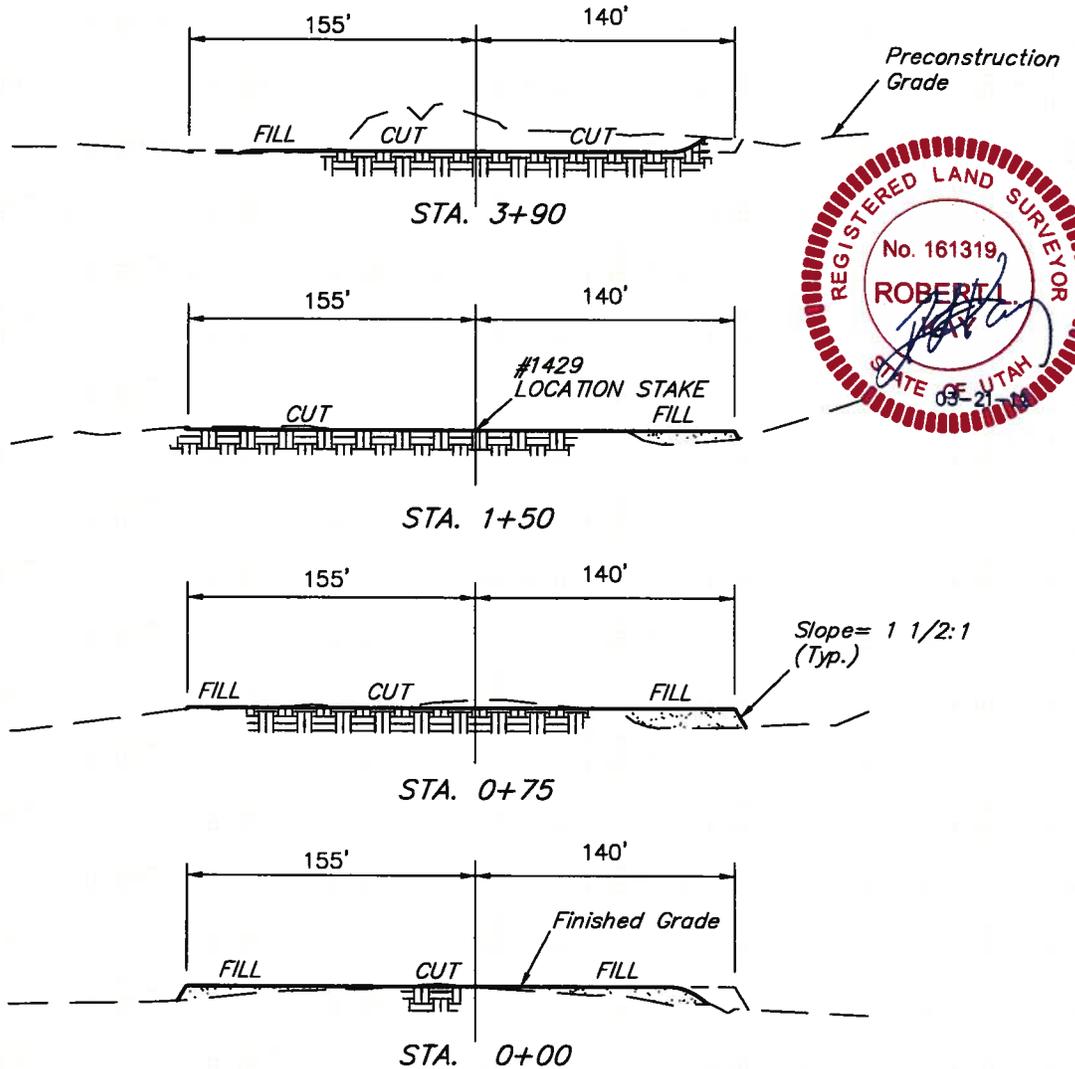
**FIGURE #2**

**TYPICAL CROSS SECTIONS FOR**

**CWU #1426-15D, #1428-15D, #1429-15DX,  
#1430-15D, & #1431-15D  
SECTION 15, T9S, R22E, S.L.B.&M.  
SW 1/4 SE 1/4**



DATE: 09-24-08  
Drawn By: D.P.  
REVISED: 03-19-12  
REVISED: 03-21-12



**APPROXIMATE ACREAGES**

EXISTING WELL SITE DISTURBANCE = ± 1.757 ACRES  
NEW CONSTRUCTION WELL SITE DISTURBANCE = ± 1.569 ACRES  
**TOTAL = ± 3.326 ACRES**

\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

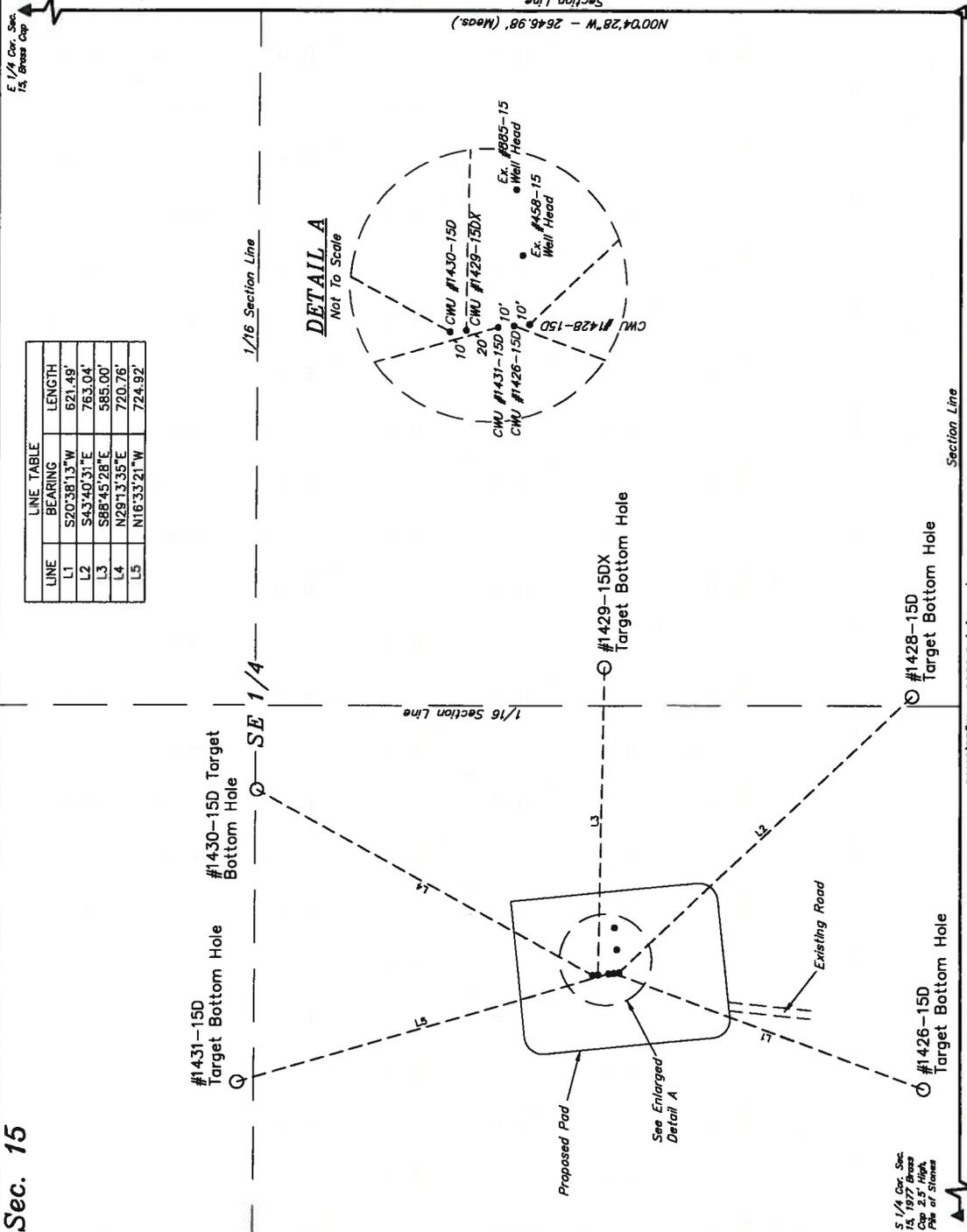
**APPROXIMATE YARDAGES**

(6") Topsoil Stripping (New Construction Only)	= 920 Cu. Yds.	DEFICIT MATERIAL	= <1,280> Cu. Yds.
Remaining Location	= 1,320 Cu. Yds.	Topsoil	920 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 2,240 CU. YDS.</b>	DEFICIT UNBALANCE (After Interim Rehabilitation)	<b>= &lt;2,200&gt; Cu. Yds.</b>
<b>FILL</b>	<b>= 3,520 CU. YDS.</b>		

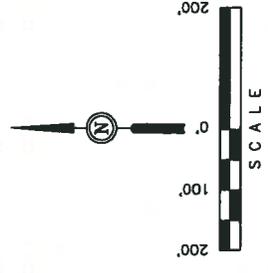
Sec. 15

LINE	BEARING	LENGTH
L1	S20°38'13"W	621.49'
L2	S43°40'31"E	763.04'
L3	S88°45'28"E	585.00'
L4	N28°13'35"E	720.76'
L5	N16°33'21"W	724.92'

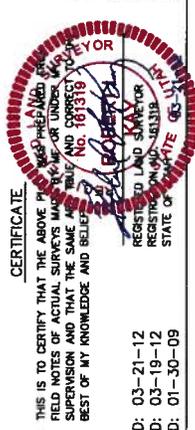
**EOG RESOURCES, INC.**  
**BOTTOM HOLE EXHIBIT**  
 (For CWU #1426-15D, #1428-15D,  
 #1429-15DX, #1430-15D & #1431-15D)  
 LOCATED IN  
 SECTION 15, T9S, R22E, S.L.B.&M.,  
 UTAH COUNTY, UTAH



**DETAIL A**  
 Not To Scale



**BASIS OF BEARINGS**  
 BASIS OF BEARINGS IS A G.P.S. OBSERVATION.  
 ▲ = SECTION CORNERS LOCATED.  
 △ = SECTION CORNERS RE-ESTABLISHED BY DOUBLE PROPORTION METHOD (Not Set On Ground)



CERTIFICATE  
 THIS IS TO CERTIFY THAT THE ABOVE PLANNED SURVEY WAS MADE IN ACCORDANCE WITH THE FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.  
 REGISTERED LAND SURVEYOR  
 STATE OF UTAH - No. 161318  
 REVISED: 03-21-12  
 REVISED: 03-19-12  
 REVISED: 01-30-09

**UNYAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH - 200 EAST • (435) 788-1017  
 VERNAL, UTAH - 84078

SCALE	1" = 200'	DATE	10-31-08
PARTY	C.R. S.B. D.P.	REFERENCES	G.L.O. PLAT
WEATHER	HOT	FILE	49112

Section Corners by Double Proportion Method (Not Set On Ground)

S 1/4 Cor. Sec. 15, Brass Cap  
 2.5" High  
 File of Stones

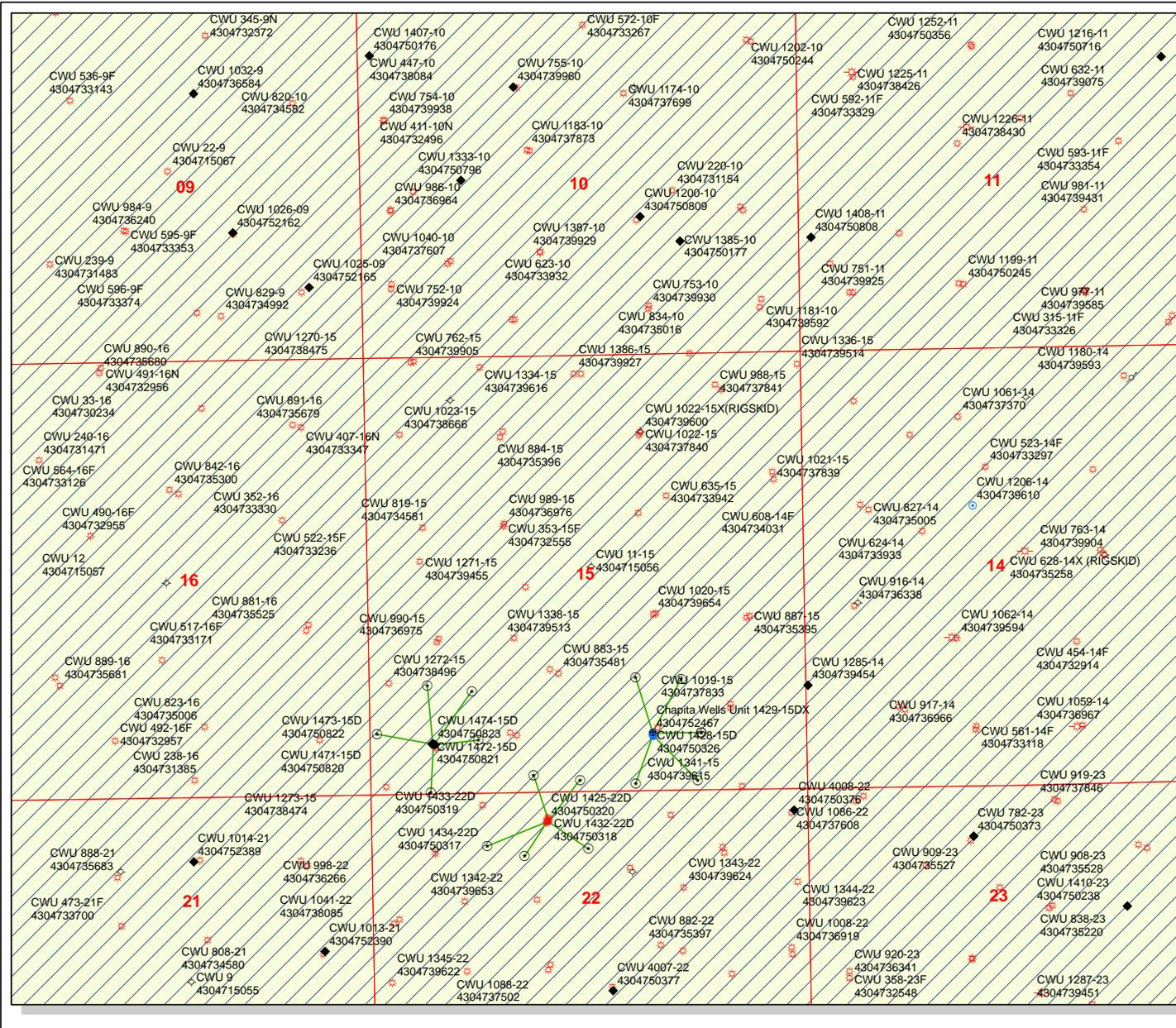
**EOG RESOURCES, INC.  
CWU #1426-15D, #1428-15D, #1429-15DX,  
#1430-15D, & #1431-15D  
SECTION 15, T9S, R22E, S.L.B.&M.**

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 250' TO THE CWU #458-15F, CWU #885-15 AND THE PROPOSED LOCATION.

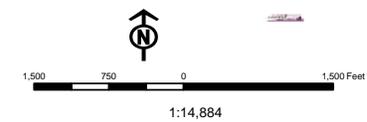
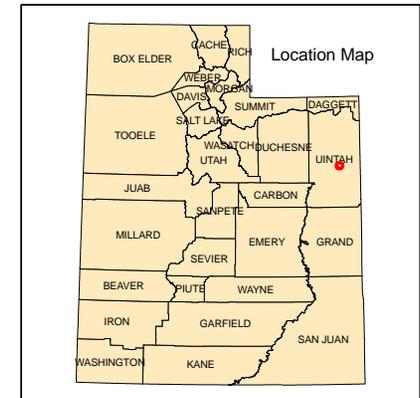
TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 47.85 MILES.

**API Number: 4304752467**  
**Well Name: Chapita Wells Unit 1429-15DX**  
**Township T0.9 . Range R2.2 . Section 15**  
**Meridian: SLBM**  
**Operator: EOG RESOURCES, INC.**

Map Prepared:  
 Map Produced by Diana Mason



Units Status	Wells Query Status
ACTIVE	APD - Approved Permit
EXPLORATORY	DRIL - Spudded (Drilling Commenced)
GAS STORAGE	GIW - Gas Injection
NF PP OIL	GS - Gas Storage
NF SECONDARY	LA - Location Abandoned
PI OIL	LOC - New Location
PP GAS	OPS - Operation Suspended
PP GEOTHERM.	PA - Plugged Abandoned
PP OIL	PGW - Producing Gas Well
SECONDARY	POW - Producing Oil Well
TERMINATED	RET - Returned APD
Unknown	SGW - Shut-in Gas Well
ABANDONED	SOW - Shut-in Oil Well
ACTIVE	TA - Temp. Abandoned
COMBINED	TW - Test Well
INACTIVE	WDW - Water Disposal
STORAGE	WWI - Water Injection Well
TERMINATED	WSW - Water Supply Well



## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 3/23/2012

API NO. ASSIGNED: 43047524670000

WELL NAME: Chapita Wells Unit 1429-15DX

OPERATOR: EOG Resources, Inc. (N9550)

PHONE NUMBER: 435 781-9145

CONTACT: Mickenzie Gates

PROPOSED LOCATION: SWSE 15 090S 220E

Permit Tech Review: 

SURFACE: 0681 FSL 1838 FEL

Engineering Review: 

BOTTOM: 0670 FSL 1253 FEL

Geology Review: 

COUNTY: UINTAH

LATITUDE: 40.03065

LONGITUDE: -109.42330

UTM SURF EASTINGS: 634529.00

NORTHINGS: 4432350.00

FIELD NAME: NATURAL BUTTES

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU0283A

PROPOSED PRODUCING FORMATION(S): MESA VERDE

SURFACE OWNER: 1 - Federal

COALBED METHANE: NO

## RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: FEDERAL - NM2308
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 49-225
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingling Approved

## LOCATION AND SITING:

- R649-2-3.
- Unit: CHAPITA WELLS
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: Cause 179-8
- Effective Date: 8/10/1999
- Siting: Suspends General Siting
- R649-3-11. Directional Drill

Comments: Presite Completed  
RIGSKID FR 4304750313:

Stipulations: 4 - Federal Approval - dmason  
15 - Directional - dmason  
17 - Oil Shale 190-5(b) - dmason



GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

## Permit To Drill

\*\*\*\*\*

**Well Name:** Chapita Wells Unit 1429-15DX  
**API Well Number:** 43047524670000  
**Lease Number:** UTU0283A  
**Surface Owner:** FEDERAL  
**Approval Date:** 4/11/2012

### Issued to:

EOG Resources, Inc., 600 17th Street, Suite 1000 N, Denver, CO 80202

### 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 179-8. The expected producing formation or pool is the MESA VERDE 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:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

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.

In accordance with the Order in Cause No. 190-5(b) dated October 28, 1982, the operator shall comply with the requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operators shall ensure that the surface and or production casing is properly cemented over the entire oil shale section as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the division.

### 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 at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at <http://oilgas.ogm.utah.gov>

**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:**



For John Rogers  
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0283A
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.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b> CHAPITA WELLS
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> Chapita Wells Unit 1429-15DX	
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047524670000	
<b>3. ADDRESS OF OPERATOR:</b> 600 17th Street, Suite 1000 N , Denver, CO, 80202	<b>PHONE NUMBER:</b> 435 781-9111 Ext	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0681 FSL 1838 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 15 Township: 09.0S Range: 22.0E Meridian: S	<b>COUNTY:</b> UINTAH	
	<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 3/11/2012  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
The referenced well was spud on 3/11/2012.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 10, 2012</b>		
<b>NAME (PLEASE PRINT)</b> Mickenzie Gates	<b>PHONE NUMBER</b> 435 781-9145	<b>TITLE</b> Operations Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/2/2012	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0283A			
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		<b>7. UNIT or CA AGREEMENT NAME:</b> CHAPITA WELLS			
<b>1. TYPE OF WELL</b> Gas Well		<b>8. WELL NAME and NUMBER:</b> Chapita Wells Unit 1429-15DX			
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.		<b>9. API NUMBER:</b> 43047524670000			
<b>3. ADDRESS OF OPERATOR:</b> 600 17th Street, Suite 1000 N , Denver, CO, 80202		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0681 FSL 1838 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 15 Township: 09.0S Range: 22.0E Meridian: S		<b>COUNTY:</b> UINTAH			
		<b>STATE:</b> UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 5/2/2012  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE   <input type="checkbox"/> CHANGE TO PREVIOUS PLANS   <input type="checkbox"/> CHANGE WELL STATUS   <input type="checkbox"/> DEEPEN   <input type="checkbox"/> OPERATOR CHANGE   <input type="checkbox"/> PRODUCTION START OR RESUME   <input type="checkbox"/> REPERFORATE CURRENT FORMATION   <input type="checkbox"/> TUBING REPAIR   <input type="checkbox"/> WATER SHUTOFF   <input type="checkbox"/> WILDCAT WELL DETERMINATION           </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING   <input type="checkbox"/> CHANGE TUBING   <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS   <input type="checkbox"/> FRACTURE TREAT   <input type="checkbox"/> PLUG AND ABANDON   <input type="checkbox"/> RECLAMATION OF WELL SITE   <input type="checkbox"/> SIDETRACK TO REPAIR WELL   <input type="checkbox"/> VENT OR FLARE   <input type="checkbox"/> SI TA STATUS EXTENSION   <input type="checkbox"/> OTHER           </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR   <input type="checkbox"/> CHANGE WELL NAME   <input type="checkbox"/> CONVERT WELL TYPE   <input type="checkbox"/> NEW CONSTRUCTION   <input type="checkbox"/> PLUG BACK   <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION   <input type="checkbox"/> TEMPORARY ABANDON   <input checked="" type="checkbox"/> WATER DISPOSAL   <input type="checkbox"/> APD EXTENSION             OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input checked="" type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.					
EOG Resources, Inc. respectfully requests authorization for the disposal of produced water at the following locations: NBU 20-20B SWD, CWU 550-30N SWD & CWU 2-29 SWD ROW# UTU85038, Red Wash Evaporation Ponds 1,2,3,4,5,6&7, White River Evaporation Ponds 1&2, Coyote Evaporation Ponds 1&2, Coyote 1-16 SWD and Hoss SWD Wells ROW# UTU86010 & UTU897093.					
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          May 17, 2012</b>					
<b>NAME (PLEASE PRINT)</b>	<b>PHONE NUMBER</b>	<b>TITLE</b>			
Mickenzie Gates	435 781-9145	Operations Clerk			
<b>SIGNATURE</b>	<b>DATE</b>				
N/A	5/2/2012				

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0283A
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.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b> CHAPITA WELLS
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> Chapita Wells Unit 1429-15DX	
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047524670000	
<b>3. ADDRESS OF OPERATOR:</b> 600 17th Street, Suite 1000 N , Denver, CO, 80202	<b>PHONE NUMBER:</b> 435 781-9111 Ext	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0681 FSL 1838 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 15 Township: 09.0S Range: 22.0E Meridian: S	<b>COUNTY:</b> UINTAH	
	<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/22/2012	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION  <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
TD was reached on 5/16/12. Please see the attached well chronology. <div style="text-align: right; margin-top: 20px;"> <p><b>Accepted by the Utah Division of Oil, Gas and Mining</b></p> <p><b>FOR RECORD ONLY</b></p> <p>May 22, 2012</p> </div>		
<b>NAME (PLEASE PRINT)</b> Mickenzie Gates	<b>PHONE NUMBER</b> 435 781-9145	<b>TITLE</b> Operations Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/22/2012	

## WELL CHRONOLOGY REPORT

Report Generated On: 05-21-2012

<b>Well Name</b>	CWU 1429-15DX	<b>Well Type</b>	DEVG	<b>Division</b>	DENVER
<b>Field</b>	CHAPITA DEEP	<b>API #</b>	43-047-52395	<b>Well Class</b>	DRIL
<b>County, State</b>	UINTAH, UT	<b>Spud Date</b>	04-21-2012	<b>Class Date</b>	
<b>Tax Credit</b>	N	<b>TVD / MD</b>	9,603/ 9,647	<b>Property #</b>	091156
<b>Water Depth</b>	0	<b>Last CSG</b>	4.5	<b>Shoe TVD / MD</b>	9,588/ 9,632
<b>KB / GL Elev</b>	4,859/ 4,840				
<b>Location</b>	Section 15, T9S, R22E, SWSE, 681 FSL & 1838 FEL				

<b>Event No</b>	1.0	<b>Description</b>	DRILL & COMPLETE		
<b>Operator</b>	EOG RESOURCES, INC	<b>WI %</b>	100.0	<b>NRI %</b>	0.0

<b>AFE No</b>	313112	<b>AFE Total</b>	1,673,000	<b>DHC / CWC</b>	762,000/ 911,000
<b>Rig Contr</b>		<b>Rig Name</b>	TRUE #34	<b>Start Date</b>	03-01-2012
<b>03-01-2012</b>	<b>Reported By</b>	CINDY VAN RANKEN			
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Well Total</b>	\$0
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>		<b>PBTD :</b>	0.0	<b>Perf :</b>	
				<b>PKR Depth :</b>	0.0

### Activity at Report Time: LOCATION DATA

Start	End	Hrs	From	To	Activity Description
06:00	06:00	24.0	0	0	LOCATION DATA
					681' FSL & 1838' FEL (SW/SE)
					SECTION 15, T9S, R22E
					UINTAH COUNTY, UTAH
					LAT 40 DEG 01' 50.12" LONG 109 DEG 25' 23.52" (NAD 83)
					LAT 40 DEG 01' 50.25", LONG 109 DEG 25' 21.06" (NAD 27)
					TRUE #34
					OBJECTIVE: 9603' TVD/ 9647' MD, MESAVERDE
					DW/GAS
					CHAPITA WELLS DEEP PROSPECT
					DD&A: CHAPITA DEEP
					NATURAL BUTTES FIELD
					LEASE: U-0283-A
					ELEVATION: 4840' NAT GL, 4840.2' PREP GL (DUE TO ROUNDING PREP GL WILL BE 4840') 4859' KB (19')
					NOTE: MULTI PAD WELL W/CWU 1426-15D, CWU 1428-15D, CWU 1429-15DX, CWU 1430-15D, CWU 1431-15D

EOG WI 100%, NRI %

<b>03-12-2012</b>	<b>Reported By</b>	GERALD ASHCRAFT									
<b>DailyCosts: Drilling</b>	\$71,185	<b>Completion</b>	\$0	<b>Daily Total</b>	\$71,185						
<b>Cum Costs: Drilling</b>	\$71,185	<b>Completion</b>	\$0	<b>Well Total</b>	\$71,185						
<b>MD</b>	60	<b>TVD</b>	60	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						

Activity at Report Time: SPUD NOTIFICATION

Start	End	Hrs	From	To	Activity Description
06:00	06:00	24.0	0	60	CRAIG'S BUCKET RIG SPUD A 20" HOLE ON 3/11/12 @ 08:00 AM, SET 60' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. BLM WAS NOTIFIED BY EMAIL OF SPUD ON 3/8/12 @ 10:18 AM.

NOTE: THE SPUD INFORMATION SHOWN ABOVE WAS ORGINALLY FOR THE CWU 1430-15D (API NO. 43-047-50312) WHICH OCCUPIED THIS LOCATION. THE NEIGHBORING WELL ON THE PAD (CWU 1429-15D - API NO. 43-047-50313), HAD TO BE PLUGGED AND ABANDONED DUE TO A FISH LOST IN THE HOLE ON 03/24/12. PERMISSION WAS REQUESTED AND RECEIVED FROM THE BLM & UDOGM TO USE THE CWU 1430-15D SURFACE LOCATION SLOT ON THE PAD AS THE LOCATION FOR THE CWU 1429-15DX AS A REPLACEMENT WELL FOR THE CWU 1429-15D AND MOVE THE 1430-15D SURFACE LOCATION ON THE PAD TO 691' FSL, 1839' FEL, SEC. 15, T9S, R22E. AS A RESULT THE SPUD INFORMATION SHOWN ABOVE FOR THE CWU 1430-15D WAS TRANSFERRED TO THE CWU 1429-15DX WELL.

<b>04-21-2012</b>	<b>Reported By</b>	BILL SNAPP									
<b>DailyCosts: Drilling</b>	\$39,641	<b>Completion</b>	\$0	<b>Daily Total</b>	\$39,641						
<b>Cum Costs: Drilling</b>	\$110,826	<b>Completion</b>	\$0	<b>Well Total</b>	\$110,826						
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						

Activity at Report Time: RURT

Start	End	Hrs	From	To	Activity Description
02:30	05:00	2.5	60	60	SKID TO CWU 1429-15DX.
05:00	06:00	1.0	60	60	WELDING RISER ON CONDUCTOR, RIG ACCEPTED @ 05:00 4/21/2012.

<b>04-22-2012</b>	<b>Reported By</b>	BILL SNAPP									
<b>DailyCosts: Drilling</b>	\$36,618	<b>Completion</b>	\$0	<b>Daily Total</b>	\$36,618						
<b>Cum Costs: Drilling</b>	\$147,445	<b>Completion</b>	\$0	<b>Well Total</b>	\$147,445						
<b>MD</b>	1,798	<b>TVD</b>	1,780	<b>Progress</b>	1,475	<b>Days</b>	1	<b>MW</b>	9.2	<b>Visc</b>	28.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						

Activity at Report Time: REPLACE SWIVEL PACKING

Start	End	Hrs	From	To	Activity Description
06:00	08:00	2.0	60	60	NIPPLE UP RISER ON CONDUCTOR, FLOWLINE.
08:00	09:30	1.5	60	60	PICK UP & SCRIBE DIRECTIONAL TOOLS.
09:30	10:30	1.0	60	323	PICK UP BHA AND TAG @ 323'.
10:30	15:00	4.5	323	647	ROTATE & SLIDE F/ 323' TO 647' = 324', ROP 72 FPH, WOB 5-12K, RPM 50/60, MM 116, SPP 1650 PSI, DIFF. 175-300, 727 GPM, 63% ROTATE, 37% SLIDE.
15:00	15:30	0.5	647	647	SERVICE RIG.
15:30	05:00	13.5	647	1798	ROTATE & SLIDE F/ 647' TO 1798' = 1151', ROP 85 FPH, WOB 5-12K, RPM 50/60, MM 116, SPP 1900 PSI, DIFF. 175-300, 727 GPM, 87.8% ROTATE, 12.2% SLIDE.

05:00 06:00 1.0 1798 1798 CIRCULATE, ROTATE, WORK PIPE AND CHANGE OUT SWIVEL PACKING.

NO INCIDENT, NO ACCIDENT  
 FULL CREWS  
 SAFETY MEETING, USING WINCHES, WORKING FROM AIR HOIST..  
 FUEL, 6156 GALS, USED 1140 GALS

06:00 0 0 SPUD 12 1/4" HOLE @ 10:30 HRS, 4/21/12.

<b>04-23-2012</b>	<b>Reported By</b>	BILL SNAPP									
<b>Daily Costs: Drilling</b>	\$44,311	<b>Completion</b>	\$0	<b>Daily Total</b>	\$44,311						
<b>Cum Costs: Drilling</b>	\$191,756	<b>Completion</b>	\$0	<b>Well Total</b>	\$191,756						
<b>MD</b>	2,354	<b>TVD</b>	2,327	<b>Progress</b>	556	<b>Days</b>	2	<b>MW</b>	9.5	<b>Visc</b>	30.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						

**Activity at Report Time:** RUNNING 9 5/8" CASING

Start	End	Hrs	From	To	Activity Description
06:00	09:30	3.5	1798	2047	ROTATE & SLIDE F/ 1798' TO 2047' = 249', ROP 71 FPH,WOB 5-12K, RPM 50/60, MM 116, SPP 1900 PSI, DIFF. 175-300, 727 GPM, 90.4% ROTATE, 9.6% SLIDE.
09:30	10:00	0.5	2047	2047	SERVICE RIG.
10:00	13:00	3.0	2047	2268	ROTATE & SLIDE F/ 2047' TO 2268' = 221', ROP 73.7 FPH,WOB 10-20K, RPM 50/60, MM 116, SPP 2150 PSI, DIFF. 175-300, 727 GPM, 89.2% ROTATE, 10.8% SLIDE.
13:00	13:30	0.5	2268	2268	SWIVEL PACKING.
13:30	14:00	0.5	2268	2311	ROTATE & SLIDE F/ 2268' TO 2311' = 43', ROP 86 FPH,WOB 10-20K, RPM 50/60, MM 116, SPP 2150 PSI, DIFF. 175-300, 727 GPM, 100% ROTATE, 0% SLIDE.
14:00	15:00	1.0	2311	2311	C/O GREASE RING ON SWIVEL PACKING.
15:00	15:30	0.5	2311	2354	ROTATE & SLIDE F/ 2311' TO 2354' = 43', ROP 86 FPH,WOB 10-20K, RPM 50/60, MM 116, SPP 2150 PSI, DIFF. 175-300, 727 GPM, 100% ROTATE, 0% SLIDE.
15:30	16:00	0.5	2354	2354	CIRCULATE BOTTOMS UP.
16:00	19:00	3.0	2354	2354	TRIP OUT TO LD DIRECTIONAL TOOLS AND PU REAMER RUN ASSEMBLY.
19:00	21:30	2.5	2354	2354	TRIP IN HOLE WITH RR TRICONE BIT AND ROLLER REAMER, REAM SPOTS AT 485' AND 1078', NO PROBLEMS TO BOTTOM FROM THERE.
21:30	23:00	1.5	2354	2354	CIRCULATE TO CLEAN HOLE FOR 9 5/8" CASING. SPOT 60 BBL 11.5 PPG PILL.
23:00	01:30	2.5	2354	2	STAND BACK 12 STANDS DP AND HWDP, LDDP AND 8" DC.
01:30	02:30	1.0	2354	2354	PJSM, RIG UP WEATHERFORD CASING CREW.
02:30	06:00	3.5	2354	2354	RUNNING 9 5/8" 36# STC K55 CASING AT 1664'.

NO INCIDENT, NO ACCIDENT  
 FULL CREWS  
 SAFETY MEETING, WORKING IN HIGH TEMP., RUNNING CASING..  
 FUEL, 5016 GALS, USED 1140 GALS.

<b>04-24-2012</b>	<b>Reported By</b>	BILL SNAPP									
<b>Daily Costs: Drilling</b>	\$18,636	<b>Completion</b>	\$0	<b>Daily Total</b>	\$18,636						
<b>Cum Costs: Drilling</b>	\$210,392	<b>Completion</b>	\$0	<b>Well Total</b>	\$210,392						
<b>MD</b>	2,354	<b>TVD</b>	2,327	<b>Progress</b>	0	<b>Days</b>	3	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						

**Activity at Report Time:** RDRT/SKID TO CWU 1430-15D/WORT

Start	End	Hrs	From	To	Activity Description
06:00	07:00	1.0	2354	2354	RUN 56 JTS (2354') OF 9-5/8", 36.0#, K-55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 10 CENTRALIZERS SPACED MIDDLE THE SHOE, ON TOP OF JOINTS #2 THROUGH #8 THEN TWO CENTRALIZERS AT KOP. LANDED @ 2316' TVD / 2343' MD. CASING WENT TO BOTTOM OF RATHOLE @ 2354'.
07:00	09:30	2.5	2354	2354	PUMPING WITH NO RETURNS ATTEMPTING TO REGAIN CIRCULATION AND CLEAR FLOATS. PUMPED AWAY 1150 BBL. REGAINED CIRCULATION.
09:30	11:00	1.5	2354	2354	PJSM W/HALLIBURTON, RIG UP/ TEST LINES TO 5000 PSI. PUMPED 20 BBLS GEL/ WATER FLUSH AHEAD OF CEMENT. LEAD: MIXED AND PUMPED 250 SACKS (182 BBLS) OF HES VARICEM LEAD CEMENT WITH 0.3% VERSASET, 2% CAL-SEAL, AND 2% ECONOLITE. MIXED LEAD CEMENT @ 10.5 PPG WITH YIELD OF 4.1 CF/SX. TAIL: MIXED AND PUMPED 300 SACKS (63 BBLS) OF HES HALCEM CEMENT WITH 2% CACL2 MIXED @ 15.6 PPG WITH YIELD OF 1.18 CF/SX. WASHED UP ON PLUG. DISPLACED CEMENT WITH 177 BBLS FRESH WATER. FINAL PSI 340, BUMPED PLUG WITH 900 PSI. OVER @ 11:00 ON 04/23/12. FLOATS HELD. HAD GOOD RETURNS WHILE MIXING, & WEAK RETURNS DURING DISPLACEMENT. NO CEMENT OR SPACER TO SURFACE.

BILL SNAPP NOTIFIED BLM/VERNAL AND CAROL DANIELS/UDOGM/SALT LAKE OF UPCOMING SURFACE CASING JOB. @ 05:00 HRS. 4/23/12 VIA E-MAILED BLM FORM AT 08:47 HRS. 04/22/12.

11:00	12:30	1.5	2354	2354	CUT OFF CONDUCTOR PIPE, INSTALL CASING ELEVATORS AROUND 9 5/8" CASING BELOW COLLAR AND SET CASING ON ELEVATORS. BACK OUT LANDING JOINT, LAY DOWN 14" RISER AND RUN 75' OF 1" PIPE FROM GL.,TAGG UP TWICE IN SAME SPOT.
12:30	13:00	0.5	2354	2354	TOP JOB #1: PUMP DOWN 75' OF 1" PIPE. MIXED & PUMPED 50 SX (10 BBLS) OF PREMIUM CEMENT WITH 2% CACL2. MIXED CEMENT @ 15.8 PPG WITH YIELD OF 1.15 CF/SX. GOOD CEMENT TO SURFACE. HOLE STOOD FULL. RIG DOWN HALLIBURTON.

( RIG #34 RELEASED13:00 HRS. 4/23/2012) TO DRILL PRODUCTION HOLE ON CWU 1430-15D, WILL RESUME THIS REPORT WHEN RETURN TO DRILL PRODUCTION HOLE.

NO INCIDENT, NO ACCIDENT  
 FULL CREWS  
 SAFETY MEETING, WORKING IN HIGH TEMP., RUNNING CASING..  
 FUEL, 4902 GALS, USED 114 GALS.  
 TRANSFER 4902 GAL. TO CWU 1430-15D

05-08-2012		Reported By		BILL SNAPP/KERRY SALES							
<b>DailyCosts: Drilling</b>	\$22,089	<b>Completion</b>	\$0	<b>Daily Total</b>	\$22,089						
<b>Cum Costs: Drilling</b>	\$232,482	<b>Completion</b>	\$0	<b>Well Total</b>	\$232,482						
<b>MD</b>	2,354	<b>TVD</b>	2,327	<b>Progress</b>	0	<b>Days</b>	4	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						
<b>Activity at Report Time:</b> NIPPLE UP BOP.											

Start	End	Hrs	From	To	Activity Description
05:30	06:00	0.5	2354	2354	NIPPLE UP BOP. RIG ON DAY WORK ON 5/8/2012 AT 05:30 HRS

05-09-2012		Reported By		KERRY SALES							
<b>DailyCosts: Drilling</b>	\$41,053	<b>Completion</b>	\$0	<b>Daily Total</b>	\$41,053						
<b>Cum Costs: Drilling</b>	\$273,535	<b>Completion</b>	\$0	<b>Well Total</b>	\$273,535						
<b>MD</b>	2,925	<b>TVD</b>	2,893	<b>Progress</b>	561	<b>Days</b>	5	<b>MW</b>	9.4	<b>Visc</b>	30.0

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING AT 2925'.

Start	End	Hrs	From	To	Activity Description
06:00	06:30	0.5	2354	2354	NIPPLE UP BOP.
06:30	11:00	4.5	2354	2354	TEST UPPER & LOWER KELLY VALVES, FLOOR VALVES, CHOKE VALVES, HCR, CHOKE MANIFOLD, CHECK VALVE, PIPE RAMS & BLIND RAMS TO 5000 PSI HIGH, 250 LOW, ANNULAR 2500 PSI HIGH, 250 LOW, CASING 1500 PSI. FUNCTION KOOMEY AND TEST.  KERY SALES NOTIFIED THE BLM AND UDOGM BY E-MAIL FOR BOP TEST ON 05/04/2012 AT 02:30 AM. NOTIFICATIONS SENT ON 05/03/2012 AT 09:32 AM. NO REPRESENTATIVE PRESENT.
11:00	13:00	2.0	2354	2354	EQUIPMENT REPAIR. WORK ON KELLY SWIVEL.
13:00	13:30	0.5	2354	2354	SERVICE RIG. CHECK COM.
13:30	14:00	0.5	2354	2354	SET WEAR BUSHING.
14:00	15:00	1.0	2354	2354	P/U BHA AND ORIENT TOOL FACE.
15:00	16:00	1.0	2354	2354	TIH TO 2131'.
16:00	17:00	1.0	2354	2354	SLIP & CUT 80' OF DRILL LINE.
17:00	18:00	1.0	2354	2354	TORQUE KELLY, INSTALL DRIVE BUSHING AND INSTALL ROTATING HEAD RUBBER.
18:00	21:30	3.5	2354	2354	WELDER TO REPAIR BAIL PIN, CHANGE WASH PIPE PACKING AND INSTALL KELLY SPINNERS.
21:30	23:00	1.5	2354	2364	DRILL SHOE TRAC TOP OF CEMENT 2205' FLOAT COLLAR AT 2295' TD 2354' 10' OF NEW HOLE TO 2364'.
23:00	23:30	0.5	2364	2364	CIRCULATE BOTTOMS UP RUN FIT. OMW 9.3 PPG, HELD 160 PSI EMW 10.6 PPG.
23:30	06:00	6.5	2364	0	ROTATE AND SLIDE DRILL FROM 2364' TO 2925'. 561'. ROP 86'. WOB 20. ROTARY 65, MOTOR 68, STKS 124 GPM 454. 8% SLIDE AND 92% ROT, TFO 355 L, 32 LEFT AND 18' ABOVE THE LINE.
06:00			0	0	RESUMED DRILLING 7-7/8" HOLE @ 10:30 PM, 5/8/12

05-10-2012 Reported By KERRY SALES

Daily Costs: Drilling	\$66,620	Completion	\$0	Daily Total	\$66,620						
Cum Costs: Drilling	\$340,156	Completion	\$0	Well Total	\$340,156						
MD	4,400	TVD	4,356	Progress	1,475	Days	6	MW	10.0	Visc	34.0

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING @ 4400'

Start	End	Hrs	From	To	Activity Description
06:00	17:00	11.0	2925	3649	ROTATE AND SLIDE DRILL FROM 2925' TO 3649'. 724'. ROP 65.8'. WOB 20, ROTARY 63, MOTOR 68, STROKES 120, PSI 1600, DIFF PSI 145/160. 12% SLIDE / 88% ROTATE, TFO 130L, 35' LEFT AND 8.8' ABOVE THE LINE. BOP DRILL 90 SECONDS CLOSE ANNULAR.
17:00	17:30	0.5	3649	3649	SERVICE RIG. FUNCTION FLOOR VALVES.
17:30	06:00	12.5	3649	4400	ROTATE AND SLIDE DRILL FROM 3649' TO 4400'. 751'. ROP 62.76'. WOB 20, ROTARY 65, MOTOR 68, STROKES 120, PSI 1685, DIFF PSI 150/260, GPM 454. 10% SLIDE / 90% ROTATE, TFO 50L, 35' LEFT AND 8.8'. 5' INSIDE EDGE OF TARGET.  BOP DRILL 72 SECONDS MEN TO STATION.

05-11-2012 Reported By KERRY SALES

Daily Costs: Drilling	\$45,621	Completion	\$6,759	Daily Total	\$52,380
Cum Costs: Drilling	\$385,777	Completion	\$6,759	Well Total	\$392,536

MD 5,525 TVD 5,481 Progress 1,125 Days 7 MW 10.2 Visc 35.0

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING @ 5525'

Start End Hrs From To Activity Description

06:00 11:30 5.5 4400 4744 ROTATE AND SLIDE DRILL FROM 4400' TO 4744'. 344'. ROP 62.5'. WOB 20, ROTARY 60, MOTOR 68, STROKES 120, 1960 PSI, DIFF PSI 160/220, GPM 454. 7% SLIDE / 93% ROTATE, TFO 330, NORTH 31' AND 16.5' WEST OF CENTER.

11:30 12:00 0.5 4744 4744 SERVICE RIG. CHECK COM, WORK HCR.

12:00 06:00 18.0 4744 5525 ROTATE AND SLIDE DRILL FROM 4744' TO 5525'. 781'. ROP 43.4'. WOB 16/20, ROTARY 60, MOTOR 68, STROKES 120, 2000 PSI, DIFF PSI 155/290, GPM 454. 100% ROTATE, NORTH 27' AND 10' WEST OF CENTER.

05-12-2012 Reported By KERRY SALES

DailyCosts: Drilling \$42,739 Completion \$0 Daily Total \$42,739

Cum Costs: Drilling \$428,516 Completion \$6,759 Well Total \$435,276

MD 6,760 TVD 6,716 Progress 1,235 Days 8 MW 10.6 Visc 37.0

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING @ 6760'

Start End Hrs From To Activity Description

06:00 15:30 9.5 5525 6057 ROTATE AND SLIDE DRILL FROM 5525' TO 6057'. 532'. ROP 56'. WOB 18/20, ROTARY 60, MOTOR 68, STROKES 120, 2100 PSI, DIFF PSI 130/260, GPM 454. 2% SLIDE AND 98% ROTATE, NORTH 17.9' AND 5.6' WEST OF CENTER. LOST 130 BBLS AT 5580'.

15:30 16:00 0.5 6057 6057 SERVICE RIG. FUNCTION SUPER CHOKE.

16:00 06:00 14.0 6057 6760 ROTATE AND SLIDE DRILL FROM 6057' TO 6760'. 703'. ROP 50.2'. WOB 18/21, ROTARY 55/60, MOTOR 68, STROKES 120, 2100 PSI, DIFF PSI 150/270, GPM 454. 2% SLIDE AND 98% ROTATE, NORTH 11.4' AND 3.2' WEST OF CENTER.

LOST 60 BBLS TO FORMATION.

05-13-2012 Reported By KERRY SALES

DailyCosts: Drilling \$40,996 Completion \$0 Daily Total \$40,996

Cum Costs: Drilling \$469,513 Completion \$6,759 Well Total \$476,272

MD 7,630 TVD 7,586 Progress 870 Days 9 MW 11.1 Visc 37.0

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING @ 7630'

Start End Hrs From To Activity Description

06:00 17:00 11.0 6760 7210 ROTATE AND SLIDE DRILL FROM 6760' TO 7210'. 450'. ROP 40.9'. WOB 18/21, ROTARY 55/60, MOTOR 68, STROKES 120, 2430 PSI, DIFF PSI 130/260, GPM 454. TFO 330\*, 1% SLIDE AND 99% ROTATE, NORTH 8' AND .5' EAST OF CENTER.

17:00 17:30 0.5 7210 7210 SERVICE RIG. FUNCTION HCR VALVE AND COM.

17:30 22:00 4.5 7210 7402 ROTATE AND SLIDE DRILL FROM 7210' TO 7402'. 192'. ROP 42.7'. WOB 18/21, ROTARY 55/60, MOTOR 68, STROKES 120, 2360 PSI, DIFF PSI 125/260, GPM 443.

22:00 22:30 0.5 7402 7402 LOST RETURNS AT 7398. PUMP LCM SWEEP AND REGAINED RETURNS. LOST 250 BBLS.

22:30 06:00 7.5 7402 7630 ROTATE AND SLIDE DRILL FROM 7402' TO 7630'. 228'. ROP 30.4'. WOB 19/22, ROTARY 55/60, MOTOR 60, STROKES 115, 2250 PSI, DIFF PSI 120/280, GPM 401. 3% SLIDE, 97% ROTATE, 4' NORTH AND 4.5' EAST OF CENTER.

WELL SEEPING 3 TO 4 BBL/HR.

TOTAL LOSSES 450 BBLs TODAY.

<b>05-14-2012</b>	<b>Reported By</b>	KERRY SALES									
<b>Daily Costs: Drilling</b>	\$44,409	<b>Completion</b>	\$0	<b>Daily Total</b>	\$44,409						
<b>Cum Costs: Drilling</b>	\$513,922	<b>Completion</b>	\$6,759	<b>Well Total</b>	\$520,681						
<b>MD</b>	8,520	<b>TVD</b>	8,476	<b>Progress</b>	890	<b>Days</b>	10	<b>MW</b>	11.3	<b>Visc</b>	39.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						

Activity at Report Time: DRILLING AT 8520'.

Start	End	Hrs	From	To	Activity Description
06:00	16:00	10.0	7630	8018	ROTATE AND SLIDE DRILL FROM 7630' TO 8018'. 388'. ROP 38.8'. WOB 19/21, ROTARY 58/60, MOTOR 63, STROKES 120, 2355 PSI, DIFF PSI 140/304, GPM 419. 2% SLIDE, 98% ROTATE, 1/2' NORTH AND 9' EAST OF CENTER. LOST 25 BBLs AT 7686' AND 50 BBLs AT 7841'. TOTAL 75 BBLs.
16:00	16:30	0.5	8018	8018	SERVICE RIG. FUNCTION ANNULAR, PIPE RAMS AND COM.
16:30	06:00	13.5	8018	8018	ROTATE AND SLIDE DRILL FROM 8018' TO 8520'. 388'. ROP 38.8'. WOB 21/23, ROTARY 50/55, MOTOR 62, STROKES 118, 2500 PS, DIFF PSI 220/350, GPM 412. 3% SLIDE, 97% ROTATE, 4.5' SOUTH AND 14.9' EAST OF CENTER. MUD LOST TO FORMATION 70 BBLs, SEEPING.

<b>05-15-2012</b>	<b>Reported By</b>	KERRY SALES									
<b>Daily Costs: Drilling</b>	\$105,363	<b>Completion</b>	\$0	<b>Daily Total</b>	\$105,363						
<b>Cum Costs: Drilling</b>	\$619,286	<b>Completion</b>	\$6,759	<b>Well Total</b>	\$626,045						
<b>MD</b>	9,140	<b>TVD</b>	9,096	<b>Progress</b>	620	<b>Days</b>	11	<b>MW</b>	11.8	<b>Visc</b>	39.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						

Activity at Report Time: DRILLING AT 9140'

Start	End	Hrs	From	To	Activity Description
06:00	06:30	0.5	8520	8520	ON CONNECTION AT 8520 HIT TIGHT HOLE COMMING UP AT 8491' TO 8489', 2'. PULLED 20/30 OVER PICK UP WT AND HOLE WAS PACKING OFF. WORK THROUGH TIGHT SPOT BACK REAMING, RUN THROUGH 3 MORE TIMES OK. RAISING MW F/ 11.3+ PPG TO 11.7 PPG. 2' FLAIR AT 8484' BOTTOMS UP DEPTH. RUNNING THROUGH GAS BUSTER.
06:30	14:30	8.0	8520	8803	ROTATE FROM 8520' TO 8803'. 283'. ROP 35.4'. WOB 21/23, ROTARY 45/55, MOTOR 62, STROKES 118, 2500 PSI, DIFF PSI 130/350, GPM 412. 100% ROTATE, 19' SOUTH AND 9' EAST OF CENTER.
14:30	15:00	0.5	8803	8803	SERVICE RIG. CHECK FLOOR VALVES AND FUNCTION HCR VALVE.
15:00	06:00	15.0	8803	9140	ROTATE AND SLIDE DRILL FROM 8803' TO 9140'. 337'. ROP 22.5'. WOB 21/24, WOB SLIDING 16/24, ROTARY 48/50, MOTOR 59, STROKES 112, 2500 PSI, DIFF PSI 130/340, GPM 412. 14% SLIDE AND 86% ROTATE, 18.6' SOUTH AND 23.5' EAST OF CENTER. LOST 250 BBLs TO FORMATION. TOTAL LOST 370 BBLs.

<b>05-16-2012</b>	<b>Reported By</b>	KERRY SALES									
<b>Daily Costs: Drilling</b>	\$58,758	<b>Completion</b>	\$144	<b>Daily Total</b>	\$58,902						
<b>Cum Costs: Drilling</b>	\$678,044	<b>Completion</b>	\$6,903	<b>Well Total</b>	\$684,948						
<b>MD</b>	9,647	<b>TVD</b>	9,603	<b>Progress</b>	507	<b>Days</b>	12	<b>MW</b>	12.0	<b>Visc</b>	37.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						

**Activity at Report Time: WIPER TRIP**

Start	End	Hrs	From	To	Activity Description
06:00	15:00	9.0	9140	9398	ROTATE AND SLIDE DRILL FROM 9140' TO 9398'. 258'. ROP 28.7'. WOB 21/23, WOB SLIDING 38/40, ROTARY 48/50, MOTOR 59, STROKES 115. GPM 401 2600 PSI , DIFF PSI 130/315. 13% SLIDE AND 87% ROTATE, 27.5' SOUTH AND 28' EAST OF CENTER. NO FLUID LOSS.
15:00	15:30	0.5	9398	9398	SERVICE RIG. FUNCTION PIPE RAMS.
15:30	00:00	8.5	9398	9647	ROTATE DRILL FROM 9398' TO 9647' (TD). 249'. ROP 29.3'. WOB 22/23, ROTARY 47/50, MOTOR 59, STROKES 112, GPM 391, 2550 PSI , DIFF PSI 160/270. 100% ROTATE, 30.94' SOUTH AND 33.02' EAST OF CENTER.  TD ON 5/16/2012 AT 00:05 HRS. MD/TVD 44.76'.
00:00	01:30	1.5	9647	9647	CIRCULATE BOTTOMS UP. 35 MIN IN TO CIR 6' FLAIR AND DIED OUT. AT BOTTOMS UP 4' FLARE AND DIED OUT.
01:30	02:00	0.5	9647	9647	FLOW CHECK. BALLOONED BACK 63 BBLs AND DIED OFF.
02:00	04:00	2.0	9647	9647	PUMP 60 BBL 2.4# OVER SLUG AND TOH FROM 9647 TO 5465'.
04:00	05:30	1.5	9647	9647	WORK TIGHT HOLE FROM 5465'. 5445, 5435', 5407', 5378' AND 5352'. 113' TOTAL.
05:30	06:00	0.5	9647	9647	CONTINUE TOH FROM 5352' TO 4743'. ANOTHER TIGHT SPOT AT 4743'.

<b>05-17-2012</b>		<b>Reported By</b>		KERRY SALES/BILL SNAPP							
<b>Daily Costs: Drilling</b>		\$37,850		<b>Completion</b>	\$0	<b>Daily Total</b>	\$37,850				
<b>Cum Costs: Drilling</b>		\$715,895		<b>Completion</b>	\$6,903	<b>Well Total</b>	\$722,798				
<b>MD</b>	9,647	<b>TVD</b>	9,603	<b>Progress</b>	0	<b>Days</b>	13	<b>MW</b>	12.2	<b>Visc</b>	38.0
<b>Formation :</b>		<b>PBTD :</b>	0.0	<b>Perf :</b>		<b>PKR Depth :</b>	0.0				

**Activity at Report Time: CIRCULATE PRIOR TO LDDP**

Start	End	Hrs	From	To	Activity Description
06:00	09:00	3.0	9647	9647	CONTINUE TOH FROM 4743' WITH NO OTHER PROBLEMS.
09:00	10:30	1.5	9647	9647	LAY DOWN DIRECTIONAL TOOLS.
10:30	18:30	8.0	9647	9647	TIH, W/R AND WORK TIGHT SPOTS @ 4743', 5352', 5378, 5407, 5435', FOUND NOTHING AT 5445' NOR 5465'. WORKED THROUGH EACH SPOT WITH STRAIGHT PULL. NO PUMP NOR ROTARY. NO DRAG. TIH TO 6177', W/R TO 6211', WORK PIPE THROUGH SPOT, SPOT CLEAN, TIH TO 9522', NO PROBLEMS, W/R TO BOTTOM WITH SINGLES TO MAKE UP FOR DIRECTIONAL TOOLS. 15' OF FILL.
18:30	20:00	1.5	9647	9647	CIRCULATE BOTTOMS UP PLUS 10%, YIELDING 3' TO 5' FLARE LASTING 5 MIN.
20:00	01:00	5.0	9647	9647	CHECK FLOW, PUMP SLUG AND TOOH TO 2241' AT 42 TO 45 FT/MIN. USING PIPE SPINNERS, NORMAL DRAG.
01:00	04:30	3.5	9647	9647	TRIP BACK IN HOLE F/2241' TO 9647', NORMAL DRAG, W/R 40' TO BOTTOM, 10' FILL.
04:30	06:00	1.5	9647	9647	CIRCULATE BOTTOMS UP AND RIG UP FRANKS LD MACHINE, 3' FLARE LASTING 5 MIN.

<b>05-18-2012</b>		<b>Reported By</b>		BILL SNAPP							
<b>Daily Costs: Drilling</b>		\$52,298		<b>Completion</b>	\$92,848	<b>Daily Total</b>	\$145,146				
<b>Cum Costs: Drilling</b>		\$768,193		<b>Completion</b>	\$99,751	<b>Well Total</b>	\$867,945				
<b>MD</b>	9,647	<b>TVD</b>	9,603	<b>Progress</b>	0	<b>Days</b>	14	<b>MW</b>	12.1	<b>Visc</b>	38.0
<b>Formation :</b>		<b>PBTD :</b>	0.0	<b>Perf :</b>		<b>PKR Depth :</b>	0.0				

**Activity at Report Time: CEMENTING PRODUCTION CSG**

Start	End	Hrs	From	To	Activity Description
06:00	06:30	0.5	9647	9647	CIRCULATE, CHECK FLOW, PUMP SLUG.
06:30	16:00	9.5	9647	9647	LD/DRILL PIPE, WIPE SPOT @ 6116' AND 4750'.
16:00	16:30	0.5	9647	9647	PULL WEAR BUSHING.
16:30	17:30	1.0	9647	9647	PJSM W/RIG UP FRANKS CASING CREW.
17:30	01:00	7.5	9647	9647	RUN TOTAL OF 214 JTS OF CASING (212 FULL JTS OF 4.5", 11.6#, N-80, LT&C + 2 MARKER JOINTS 11.6#, P-110, LTC) AS FOLLOWS: FLOAT SHOE, 1 JT CASING, FLOAT COLLAR, 51 JTS OF CASING, MARKER JOINT, @ TOP OF PRICE RIVER, 63 JTS CASING, MARKER JOINT @ 400' ABOVE WASATCH, 97 JTS CASING. RAN 3 TURBILIZERS (5' ABOVE SHOE AND MIDDLE OF JTS #2 & #3) + 1 BOW CENTRALIZER ON 4TH JOINT THEN EVERY 3RD JOINT THEREAFTER TO 400' ABOVE WASATCH (TOTAL OF 39). TAG BOTTOM, LAY DOWN TAG JOINT, PICK UP MANDREL & LAND CASING W/80K STRING WEIGHT @ 9632'. CASING WENT TO BOTTOM W/NO HOLE PROBLEMS.  CASING LANDED @ 01:00 AS FOLLOWS (DEPTHS SHOWN ARE TOPS OF COMPONENTS UNLESS OTHERWISE STATED): FLOAT SHOE (BOTTOM): 9632' FLOAT COLLAR: 9587' MARKER JOINT: 7276' MARKER JOINT: 4411'
01:00	03:30	2.5	9647	9647	CIRCULATE 1 1/2 BOTTOMS UP, RIG DOWN FRANKS CASING CREW, PJSM, RIG UP HALLIBURTON. LAST 200 BBL MUD CONTAINING .5 GPT GA 25. NO FLARE.
03:30	06:00	2.5	9647	9647	TEST LINE TO 5000 PSI. PUMP 20 BBLs OF CHEMICAL FLUSH W/0.5 GPT XCIDE, 10 BBLs FRESH WATER W/0.5 GPT XCIDE. PUMP 480 SKS (138 BBLs) OF 12.5#, 1.61 YIELD W/6% BENTONITE, 0.3% VERSASET, 0.5% HR-5 OF LEAD CEMENT. PUMPED 1310 SKS (343 BBLs) OF 13.5#, 1.47 YIELD W/0.125 LBM POLY-E-FLAKE OF TAIL CEMENT. WASHING PUMP AND LINES, PREPARING TO DISPLACE @ REPORT TIME. FULL RETURNS THROUGH PUMPING CEMENT. DETAILS TO FOLLOW ON TOMORROW'S REPORT.

<b>05-19-2012</b>		<b>Reported By</b>	BILL SNAPP								
<b>Daily Costs: Drilling</b>		(\$8,682)	<b>Completion</b>	\$60,042	<b>Daily Total</b>	\$51,359					
<b>Cum Costs: Drilling</b>		\$759,511	<b>Completion</b>	\$159,793	<b>Well Total</b>	\$919,305					
<b>MD</b>	9,647	<b>TVD</b>	9,603	<b>Progress</b>	0	<b>Days</b>	15	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						

**Activity at Report Time: RDRT/WO COMPLETION**

Start	End	Hrs	From	To	Activity Description
06:00	06:30	0.5	9647	9647	TEST LINE TO 5000 PSI, PUMP 20BBLs OF CHEMICAL FLUSH W/ 0.5 GPT XCIDE, 10 FRESH WATER W/ 0.5 GPT XCIDE, PUMP 480 SKS (138 BBLs) OF 12.5#, 1.61 YIELD W/ 6% BENTONITE, 0.3% VERSASET, 0.5% HR-5 OF LEAD CEMENT, 1310 SKS (343 BBLs) OF 13.5#, 1.47 YIELD W/ 0.125 LBM POLY-E-FLAKE OF TAIL CEMENT, DISPLACED W/ 148 BBLs OF FRESH WATER W/ .5 GPT MYACIDE, DISPLACED @ 8 BBLs MIN., SLOWED TO 2 BBLs MIN W/ 140 BBLs GONE, FCP 2450 PSI, BUMPED PLUG & PRESSURED UP TO 3930#, BLEED OFF & CHECK FLOAT, FLOATS HELD 2 BBLs BACK. FULL RETURNS THROUGH OUT JOB. LOOKED LIKE STARTED GETTING PREFLUSH @ FLOWLINE WHEN BUMPED PLUG. NO CEMENT TO SURFACE.
06:30	07:30	1.0	9647	9647	PRESSURE BACK UP TO 1000# ON CASING & HOLD FOR 1 HR.
07:30	08:30	1.0	9647	9647	SET PACK OFF & TEST TO 5000# FOR 15 MIN.
08:30	10:30	2.0	0	0	NIPPLE DOWN BOP, CLEAN MUD TANKS.

RELEASE RIG ON 5/18/2012 AT 10:30 HRS AM.

DIESEL TRANSFERRED TO CWU 1431-15D, 7481 GALS @ 3.77 PER GALLON. TOTAL \$28,203.37.

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

FORM 6

**ENTITY ACTION FORM**

Operator: EOG Resources, Inc. Operator Account Number: N 9550  
 Address: 600 17th Street, Suite 1000N  
city Denver  
state CO zip 80202 Phone Number: (435) 781-9145

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-52467	Chapita Wells Unit 1429-15DX		SWSE	15	9S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	13650	3/11/2012			5/16/2012	
Comments: MESAVERDE BHL Sese							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-50312	Chapita Wells Unit 1430-15D		SWSE	15	9S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	13650	4/7/2012			5/16/2012	
Comments: MESAVERDE The spud date has been updated. orig 3/30/12							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-50399	Chapita Wells Unit 1198-20		NWSW	20	9S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	13650	5/2/2012			5/16/2012	
Comments: MESAVERDE							

**ACTION CODES:**

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

Mickenzie Gates

Name (Please Print)

*Mickenzie Gates*

Signature

Regulatory Assistant

5/2/2012

Title

Date

RECEIVED

MAY 04 2012

Div. of Oil, Gas & Mining

BLM - Vernal Field Office - Notification Form

Operator EOG RESOURCES Rig Name/# TRUE 34  
Submitted By BILL SNAPP Phone Number 877-352-0710  
Well Name/Number CWU 1429-15DX  
Qtr/Qtr SW/SE Section 15 Township 9S Range 22E  
Lease Serial Number UTU0283A  
API Number <sup>43-</sup>42-047-52467

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time \_\_\_\_\_ AM  PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 04/23/2012 5:00 AM  PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

RECEIVED

APR 24 2012

DIV. OF OIL, GAS & MINING

Date/Time \_\_\_\_\_ AM  PM

Remarks Approximate Time.

## BLM - Vernal Field Office - Notification Form

Operator EOG Resources Rig Name/# True 34  
 Submitted By Kerry Sales Phone Number 1-435-828-6404  
 Well Name/Number CWU 1429-15DX  
 Qtr/Qtr SW/SE Section 15 Township 9 S Range 22 E  
 Lease Serial Number UTU-0283A  
 API Number 43-047-52467

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 3/11/2012 AM  PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing  
 Intermediate Casing  
 Production Casing  
 Liner  
 Other

RECEIVED

MAY 03 2012

DIV. OF OIL, GAS &amp; MINING

Date/Time \_\_\_\_\_ AM  PM

BOPE

- Initial BOPE test at surface casing point  
 BOPE test at intermediate casing point  
 30 day BOPE test  
 Other

Date/Time 05/04/2012 2:30 AM  PM

Remarks True Rig #34 will test bop.

## BLM - Vernal Field Office - Notification Form

Operator EOG Resources Rig Name/# True 34  
 Submitted By Kerry Sales Phone Number 435-828-6404  
 Well Name/Number CWU-1429-15DX  
 Qtr/Qtr SW/SE Section 15 Township 9 S Range 22 E  
 Lease Serial Number UTU-0283A  
 API Number 43-047-52467

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time \_\_\_\_\_ AM  PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing  
 Intermediate Casing  
 Production Casing  
 Liner  
 Other

**RECEIVED**  
**MAY 15 2012**  
 DIV. OF OIL, GAS & MINING

Date/Time 05/16/2012 06:00 AM  PM

BOPE

- Initial BOPE test at surface casing point  
 BOPE test at intermediate casing point  
 30 day BOPE test  
 Other

Date/Time \_\_\_\_\_ AM  PM

Remarks True 34. Run 4.5" casing, with Halliburton cementing, on  
~~05/16/2012. SENT ON 5-15-2012 @ 08:55 AM.~~ +

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0283A
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well		<b>7. UNIT or CA AGREEMENT NAME:</b> CHAPITA WELLS
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.		<b>8. WELL NAME and NUMBER:</b> Chapita Wells Unit 1429-15DX
<b>3. ADDRESS OF OPERATOR:</b> 600 17th Street, Suite 1000 N , Denver, CO, 80202		<b>9. API NUMBER:</b> 43047524670000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0681 FSL 1838 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 15 Township: 09.0S Range: 22.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> 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 checked="" type="checkbox"/> DRILLING REPORT Report Date: 6/4/2012	<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.

No activity has occurred since last submission on 5/22/12.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
June 04, 2012**

<b>NAME (PLEASE PRINT)</b> Mickenzie Gates	<b>PHONE NUMBER</b> 435 781-9145	<b>TITLE</b> Operations Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/4/2012	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0283A
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.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b> CHAPITA WELLS
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> Chapita Wells Unit 1429-15DX	
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047524670000	
<b>3. ADDRESS OF OPERATOR:</b> 600 17th Street, Suite 1000 N , Denver, CO, 80202	<b>PHONE NUMBER:</b> 435 781-9111 Ext	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0681 FSL 1838 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 15 Township: 09.0S Range: 22.0E Meridian: S	<b>COUNTY:</b> UINTAH	
	<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 7/2/2012	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
Waiting on completion operations, please see the attached well chronology.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 02, 2012</b>		
<b>NAME (PLEASE PRINT)</b> Vail Nazzaro	<b>PHONE NUMBER</b> 303 824-5590	<b>TITLE</b> Sr. Regulatory Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/2/2012	

**Activity at Report Time: CEMENTING PRODUCTION CSG**

Start	End	Hrs	From	To	Activity Description
06:00	06:30	0.5	9647	9647	CIRCULATE, CHECK FLOW, PUMP SLUG.
06:30	16:00	9.5	9647	9647	LD/DRILL PIPE, WIPE SPOT @ 6116' AND 4750'.
16:00	16:30	0.5	9647	9647	PULL WEAR BUSHING.
16:30	17:30	1.0	9647	9647	PJSM W/RIG UP FRANKS CASING CREW.
17:30	01:00	7.5	9647	9647	RUN TOTAL OF 214 JTS OF CASING (212 FULL JTS OF 4.5", 11.6#, N-80, LT&C + 2 MARKER JOINTS 11.6#, P-110, LTC) AS FOLLOWS: FLOAT SHOE, 1 JT CASING, FLOAT COLLAR, 51 JTS OF CASING, MARKER JOINT, @ TOP OF PRICE RIVER, 63 JTS CASING, MARKER JOINT @ 400' ABOVE WASATCH, 97 JTS CASING. RAN 3 TURBILIZERS (5' ABOVE SHOE AND MIDDLE OF JTS #2 & #3) + 1 BOW CENTRALIZER ON 4TH JOINT THEN EVERY 3RD JOINT THEREAFTER TO 400' ABOVE WASATCH (TOTAL OF 39). TAG BOTTOM, LAY DOWN TAG JOINT, PICK UP MANDREL & LAND CASING W/80K STRING WEIGHT @ 9632'. CASING WENT TO BOTTOM W/NO HOLE PROBLEMS.
					CASING LANDED @ 01:00 AS FOLLOWS (DEPTHS SHOWN ARE TOPS OF COMPONENTS UNLESS OTHERWISE STATED): FLOAT SHOE (BOTTOM): 9632' FLOAT COLLAR: 9587' MARKER JOINT: 7276' MARKER JOINT: 4411'
01:00	03:30	2.5	9647	9647	CIRCULATE 1 1/2 BOTTOMS UP, RIG DOWN FRANKS CASING CREW, PJSM, RIG UP HALLIBURTON. LAST 200 BBL MUD CONTAINING .5 GPT GA 25. NO FLARE.
03:30	06:00	2.5	9647	9647	TEST LINE TO 5000 PSI. PUMP 20 BBLs OF CHEMICAL FLUSH W/0.5 GPT XCIDE, 10 BBLs FRESH WATER W/0.5 GPT XCIDE. PUMP 480 SKS (138 BBLs) OF 12.5#, 1.61 YIELD W/6% BENTONITE, 0.3% VERSASET, 0.5% HR-5 OF LEAD CEMENT. PUMPED 1310 SKS (343 BBLs) OF 13.5#, 1.47 YIELD W/0.125 LBM POLY-E-FLAKE OF TAIL CEMENT. WASHING PUMP AND LINES, PREPARING TO DISPLACE @ REPORT TIME. FULL RETURNS THROUGH PUMPING CEMENT. DETAILS TO FOLLOW ON TOMORROW'S REPORT.

<b>05-19-2012</b>	<b>Reported By</b>	BILL SNAPP									
<b>Daily Costs: Drilling</b>	(\$8,157)	<b>Completion</b>	\$60,042	<b>Daily Total</b>	\$51,884						
<b>Cum Costs: Drilling</b>	\$738,520	<b>Completion</b>	\$181,309	<b>Well Total</b>	\$919,830						
<b>MD</b>	9,647	<b>TVD</b>	9,603	<b>Progress</b>	0	<b>Days</b>	15	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						

**Activity at Report Time: RDRT/WO COMPLETION**

Start	End	Hrs	From	To	Activity Description
06:00	06:30	0.5	9647	9647	TEST LINE TO 5000 PSI, PUMP 20BBLs OF CHEMICAL FLUSH W/0.5 GPT XCIDE, 10 FRESH WATER W/0.5 GPT XCIDE, PUMP 480 SKS (138 BBLs) OF 12.5#, 1.61 YIELD W/6% BENTONITE, 0.3% VERSASET, 0.5% HR-5 OF LEAD CEMENT. 1310 SKS (343 BBLs) OF 13.5#, 1.47 YIELD W/0.125 LBM POLY-E-FLAKE OF TAIL CEMENT. DISPLACED W/148 BBLs OF FRESH WATER W/.5 GPT MYACIDE. DISPLACED @ 8 BBLs MIN, SLOWED TO 2 BBLs MIN W/140 BBLs GONE, FCP 2450 PSI. BUMPED PLUG & PRESSURED UP TO 3930#, BLEED OFF & CHECK FLOAT, FLOATS HELD 2 BBLs BACK. FULL RETURNS THROUGHOUT JOB. LOOKED LIKE STARTED GETTING PREFLUSH @ FLOWLINE WHEN BUMPED PLUG. NO CEMENT TO SURFACE.
06:30	07:30	1.0	9647	9647	PRESSURE BACK UP TO 1000# ON CASING & HOLD FOR 1 HR.
07:30	08:30	1.0	9647	9647	SET PACK OFF & TEST TO 5000# FOR 15 MIN.
08:30	10:30	2.0	0	0	NIPPLE DOWN BOP, CLEAN MUD TANKS.

DIESEL TRANSFERRED TO CWU 1431-15D, 7481 GALS @ 3.77 PER GALLON. TOTAL \$28,203.37.

10:30 0 0 RELEASE RIG ON 5/18/2012 AT 10:30 HRS AM.  
 CASING POINT COST \$737,995

**06-28-2012**      **Reported By**      SEARLE

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$8,000	<b>Daily Total</b>	\$8,000
<b>Cum Costs: Drilling</b>	\$738,520	<b>Completion</b>	\$189,309	<b>Well Total</b>	\$927,830

<b>MD</b>	9,647	<b>TVD</b>	9,603	<b>Progress</b>	0	<b>Days</b>	16	<b>MW</b>	0.0	<b>Visc</b>	0.0
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<b>Formation :</b>	<b>PBTD :</b> 9580.0	<b>Perf :</b>	<b>PKR Depth :</b> 0.0
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**Activity at Report Time:**

Start	End	Hrs	From	To	Activity Description
06:00			0	0	MIRU CUTTERS WIRELINE. LOG WITH CBL/CCL/VDL/GR FROM 9579' TO 50'. EST CEMENT TOP @ 550'. RDWL.

RECEIVED

Form 3160-3  
(August 2007)

MAR 22 2012

FORM APPROVED  
OMB No. 1004-0137  
Expires July 31, 2010

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

BLM

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		7. If Unit or CA Agreement, Name and No. CHAPITA WELLS UNIT
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		8. Lease Name and Well No. CHAPITA WELLS UNIT 1429-15DX
2. Name of Operator EOG Resources, Inc.		9. API Well No. <i>Rig Skid</i> 43-041-52467
3a. Address 600 17th Street, Suite 1000N Denver, CO 80202	3b. Phone No. (include area code) 435-781-9145	10. Field and Pool, or Exploratory NATURAL BUTTES
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface (SWSE) 681 FSL, 1838 FEL, 40.030589 Lat, 109.423200 Lon At proposed prod. zone (SESE) 670 FSL, 1253 FEL, 40.030554 Lat, 109.421120 Lon		11. Sec., T. R. M. or Blk. and Survey or Area SEC 15, T9S, R22E, S.L.B.&M.
14. Distance in miles and direction from nearest town or post office* 47.85 MILES FROM VERNAL		12. County or Parish UINTAH
15. Distance from proposed* 670 location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)		13. State UT
16. No. of acres in lease 1,360		17. Spacing Unit dedicated to this well
18. Distance from proposed location* 500 to nearest well, drilling, completed, applied for, on this lease, ft.		20. BLM/BIA Bond No. on file NM2308
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4840' NAT GL	22. Approximate date work will start*	23. Estimated duration 45 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- |  |   |
|--|---|
| 1. Well plat certified by a registered surveyor.   | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan.  | 5. Operator certification   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM.             |

25. Signature <i>Mickenzie Gates</i>	Name (Printed/Typed) Mickenzie Gates	Date 03/22/2012
Title Regulatory Assistant		
Approved by (Signature) <i>Jerry Kenczka</i>	Name (Printed/Typed) Jerry Kenczka	Date MAR 27 2012
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

\*(Instructions on page 2)

RECEIVED

APR 04 2012

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

UDOGM

12CXS0003A



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: EOG Resources, Inc.  
Well No: CWU 1429-15DX Rid Skid  
API No: 43-047-52467

Location: SWSE, Sec. 15, T9S, R22E  
Lease No: UTU-0283A  
Agreement: Chapita Wells Unit

**OFFICE NUMBER: (435) 781-4400**

**OFFICE FAX NUMBER: (435) 781-3420**

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: <a href="mailto:blm_ut_vn_opreport@blm.gov">blm ut vn opreport@blm.gov</a>
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**UDOGM**

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO<sub>x</sub> per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO<sub>x</sub> per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- Prevent fill and stock piles from entering drainages.
- The access road shall be crowned and ditched. Flat-bladed roads are not allowed.
- The authorized officer may prohibit surface disturbing activities during severe winter, wet, or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- If additional erosion occurs during the life of this project, move culverts, low water crossings, berms, wing ditches, or gravel (from a private or commercial source) etc., shall be needed to control the erosion. Low-water crossings and culverts shall be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Bury pipelines at all low water crossings.
- Surface pipelines will be placed 5-10 feet outside of the burrow area.
- Surface pipelines will be placed in such a way that they will not wander into the burrow area.
- Pipelines will be buried at all major road and drainage crossings.
- The pit liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.

**DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**SITE SPECIFIC DOWNHOLE COAs:**

Site Specific Drilling Plan COAs:

- **Cement for the surface casing shall be circulated and/or topped off.**
- Gamma Ray Log shall be run from Total Depth to Surface.
- Cement for the production casing must be brought 200' above surface shoe.

Variances Granted

Air Drilling

- Variances to OO2, Section E, shall be granted as requested regarding the air drilling operations for the surface hole.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.

- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to BLM\_UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at [www.ONRR.gov](http://www.ONRR.gov).
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs,

core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  <b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0283A
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7.UNIT or CA AGREEMENT NAME:</b> CHAPITA WELLS
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> Chapita Wells Unit 1429-15DX
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047524670000
<b>3. ADDRESS OF OPERATOR:</b> 600 17th Street, Suite 1000 N , Denver, CO, 80202	<b>PHONE NUMBER:</b> 435 781-9111 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0681 FSL 1838 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 15 Township: 09.0S Range: 22.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/23/2012			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

The referenced well was turned to sales on 7-23-2012. Please see the attached operations summary report for drilling and completion operations performed on the subject well.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 August 01, 2012

<b>NAME (PLEASE PRINT)</b> Vail Nazzaro	<b>PHONE NUMBER</b> 303 824-5590	<b>TITLE</b> Sr. Regulatory Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/24/2012	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
UTU0283A

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
 Other \_\_\_\_\_

2. Name of Operator: EOG RESOURCES, INC Contact: JENNIFER YU E-Mail: jennifer\_yu@eogresources.com  
 3. Address: 600 17TH STREET, SUITE 1000N DENVER, CO 80202 3a. Phone No. (include area code) Ph: 303-824-5576  
 4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface SWSE 681FSL 1838FEL 40.030589 N Lat, 109.423200 W Lon  
 At top prod interval reported below SWSE 640FSL 1224FEL 40.030470 N Lat, 109.421007 W Lon  
 At total depth **637 FSL 1223 FEL - P.E.** SWSE 640FSL 1224FEL 40.030470 N Lat, 109.421007 W Lon

6. If Indian, Allottee or Tribe Name  
 7. Unit or CA Agreement Name and No.  
 8. Lease Name and Well No. CWU 1429-15DX  
 9. API Well No. 43-047-**52467**  
 43-047-~~50342~~  
 10. Field and Pool, or Exploratory NATURAL BUTTES  
 11. Sec., T., R., M., or Block and Survey or Area Sec 15 T9S R22E Mer SLB  
 12. County or Parish UINTAH 13. State UT  
 14. Date Spudded 03/11/2012 15. Date T.D. Reached 05/16/2012 16. Date Completed  D & A  Ready to Prod. 07/23/2012  
 17. Elevations (DF, KB, RT, GL)\* 4859 KB  
 18. Total Depth: MD 9647 TVD 9609 19. Plug Back T.D.: MD 9580 TVD 9547 20. Depth Bridge Plug Set: MD 9535 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL/CCL/VDL/GR 22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit analysis)  
 Directional Survey?  No  Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J-55	36.0	0	2343		600		0	
7.875	4.500 N-80	11.6	0	9632		1790		0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	7959							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	7281	9357	9093 TO 9357		36	OPEN
B)			8750 TO 9043		36	OPEN
C)			8478 TO 8673		36	OPEN
D)			8164 TO 8420		36	OPEN

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

Depth Interval	Amount and Type of Material
9093 TO 9357	870 BBLs GELLED WATER & 103,500# 20/40 SAND
8750 TO 9043	1153 BBLs GELLED WATER & 141,600# 20/40 SAND
8478 TO 8673	1039 BBLs GELLED WATER & 131,500# 20/40 SAND
8164 TO 8420	1595 BBLs GELLED WATER & 206,200# 20/40 SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/23/2012	07/25/2012	24	→		1283.0	1080.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24/64	900	1650.0	→		1283	1080		PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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DIV OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
SOLD

30. 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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GREEN RIVER FM	1422
				BIRD NEST ZONE	1791
				MAHOGANY OIL SHALE BED	2392
				UTELAND BUTTE LS	4680
				WASATCH FM	4807
				CHAPITA WELLS MBR	5411
				BUCK CANYON MBR	6098
				PRICE RIVER FM	7280

32. Additional remarks (include plugging procedure):  
Additional Perfs and Frac Data

7773-8013, 36 HOLES, 920 BBLS GELLED WATER & 112,100# 20/40 SAND  
7505-7724, 36 HOLES, 774 BBLS GELLED WATER & 87,200# 20/40 SAND  
7281-7459, 36 HOLES, 864 BBLS GELLED WATER & 103,100# 20/40 SAND

Additional Formation (log) Markers:

33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7 Other:      |                       |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #161582 Verified by the BLM Well Information System.  
For EOG RESOURCES, INC, sent to the Vernal**

Name (please print) JENNIFER YU Title REGULATORY ADMINISTRATOR

Signature (Electronic Submission) Date 12/04/2012

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**Additional data for transaction #161582 that would not fit on the form**

**32. Additional remarks, continued**

MIDDLE PRICE RIVER	8126
LOWER PRICE RIVER	8933
SEGO FM	9461



## Survey Certification Sheet

**Company: EOG Resources**  
**API # 43-047-52467**  
**Well Name: Chapita Well Unit #1429DX-15D**  
**SURFACE LOCATION**  
**Uintah County, Utah**  
**Sec. 15-T9S-R22E**  
**681' From South Line, 1838' From East Line**  
**BOTTOM HOLE LOCATION @**  
**9647' Measured Depth**  
**9602.2' True Vertical Depth**  
**-43.9' South, 615.1' East from Surface Location**  
**Crescent Job Number: CA 12242 and CA-12283**

**Surveyed from a depth of 0.0'- 9647' MD**  
**Type of survey: Crescent MWD (Measurement While Drilling)**  
**Last Survey Date: 6516/12**  
**Directional Supervisor: John Stringfellow**

To whom it may concern,  
I attached End of Well surveys in pdf format of the Chapita Well Unit 1429DX-15D well.

The data and calculations for this survey have been checked by me and conform to the standards and procedures set forth by Crescent Directional Drilling.  
This report represents a true and correct Directional Survey of this well based on the original data obtained at the well site. Wellbore Coordinates are calculated using minimum curvature.

A handwritten signature in black ink that reads "John Stringfellow". The signature is written in a cursive style with a large initial "J".

**John Stringfellow**  
**Directional Coordinator**  
**Rocky Mtn. Region**  
**Crescent Directional Drilling**  
**Off. (307)266-6500**  
**Cell. (307)259-7827**

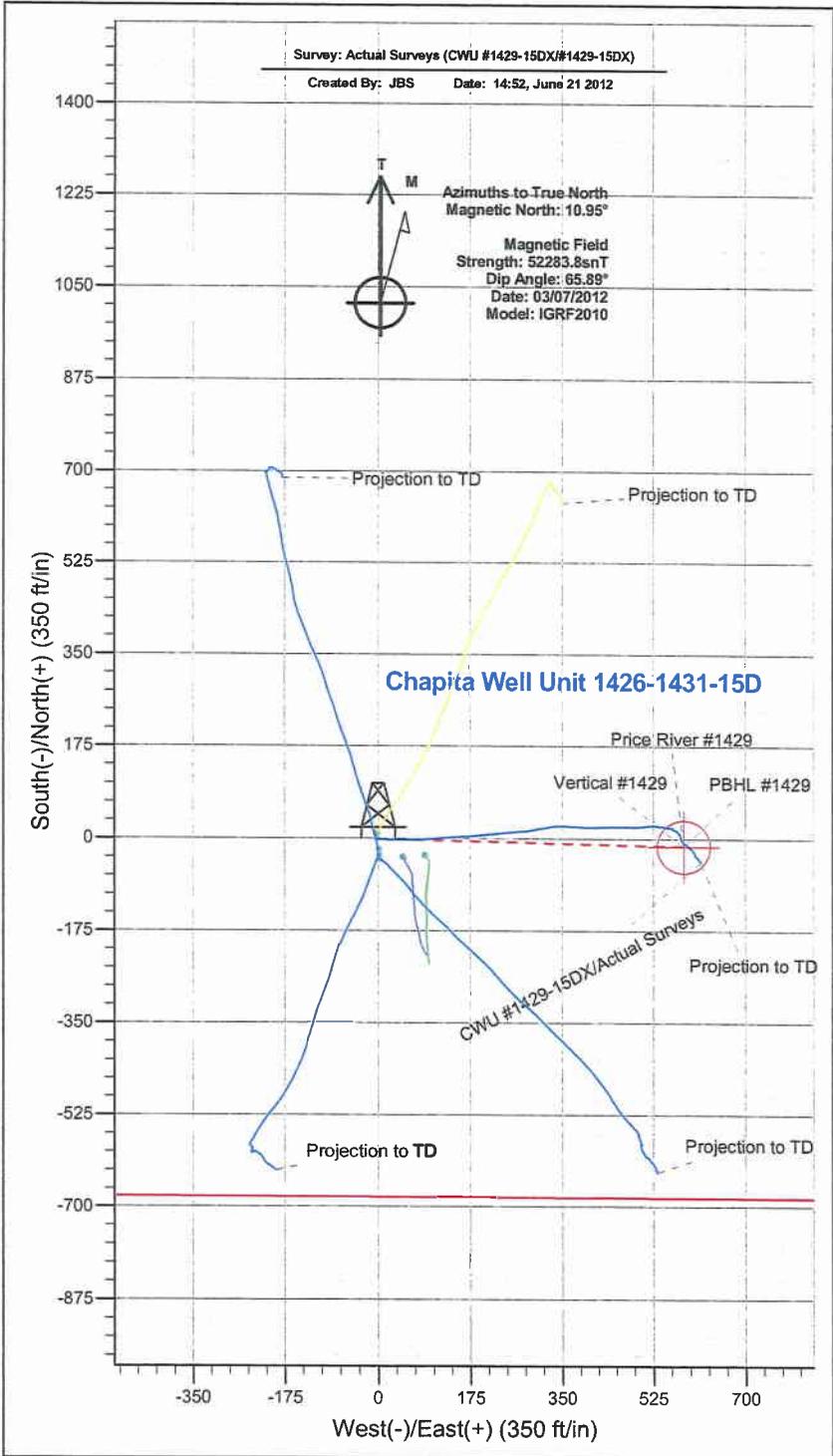
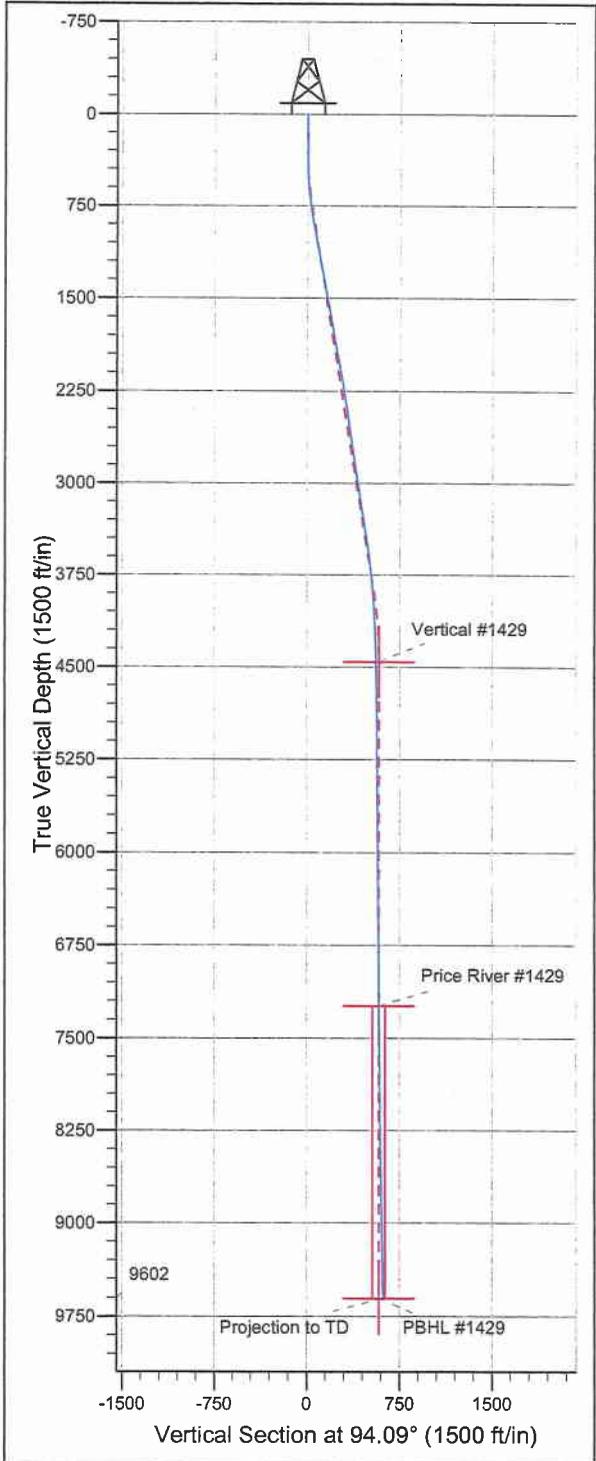


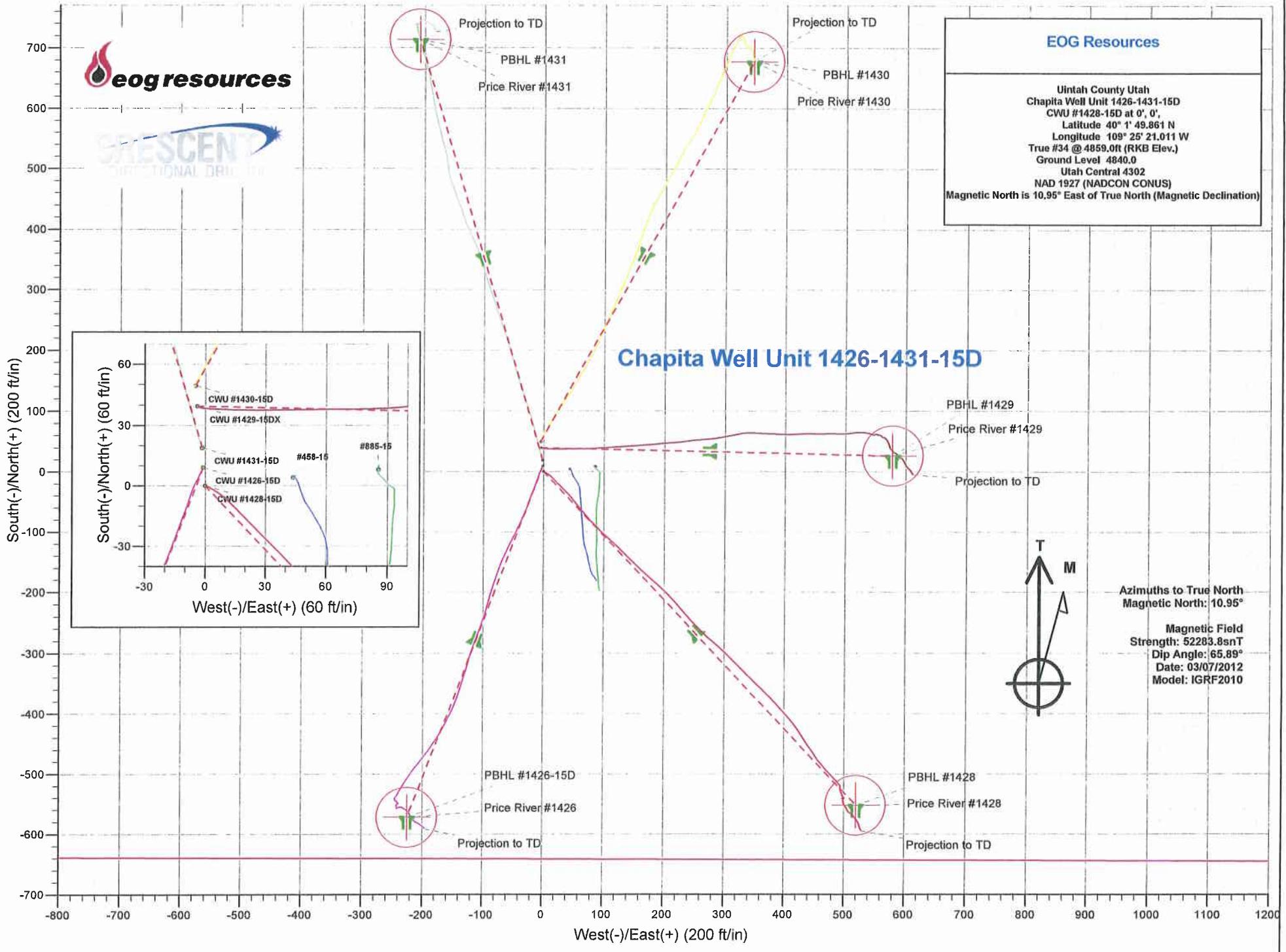
EOG Resources  
 Uintah County Utah  
 Chapita Well Unit 1426-1431-15D  
 CWJ #1429-15DX  
 Latitude 40° 1' 50.250 N  
 Longitude 109° 25' 21.060 W  
 True #34 @ 4859.0ft (Original Well Elev)  
 Ground Level 4840.0  
 Utah Central 4302  
 NAD 1927 (NADCON CONUS)  
 Magnetic North is 10.95° East of True North (Magnetic Declination)



ANNOTATIONS		
TVD	MD	Annotation
9602.2	9647.0	Projection to TD

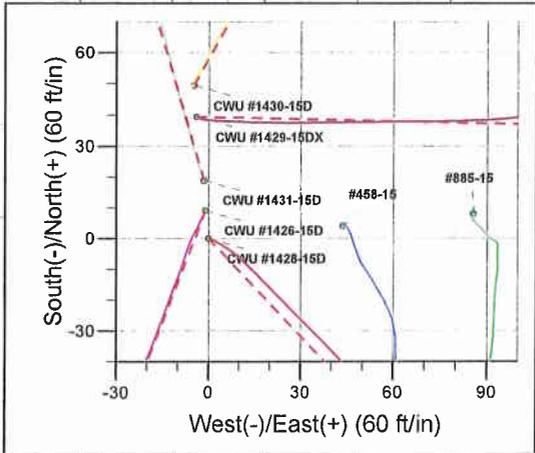
WELLBORE TARGET DETAILS				
Name	TVD	+N/-S	+E/-W	Shape
Vertical #1429	4454.0	-13.1	582.3	Point
Price River #1429	7239.0	-13.1	582.3	Circle (Radius: 50.0)
PBHL #1429	9603.0	-13.1	582.3	Point





**EOG Resources**

Utah County Utah  
Chapita Well Unit 1426-1431-15D  
CWU #1428-15D at 0', 0',  
Latitude 40° 1' 49.861 N  
Longitude 109° 25' 21.011 W  
True #34 @ 4859.0ft (RKB Elev.)  
Ground Level 4840.0  
Utah Central 4302  
NAD 1927 (NADCON CONUS)  
Magnetic North is 10.95° East of True North (Magnetic Declination)



Azimuths to True North  
Magnetic North: 10.95°

Magnetic Field  
Strength: 52283.8snT  
Dip Angle: 65.89°  
Date: 03/07/2012  
Model: IGRF2010



## **EOG Resources**

**Uintah County Utah**

**Chapita Well Unit 1426-1431-15D**

**CWU #1429-15DX**

**#1429-15DX**

**Survey: Actual Surveys**

## **Standard Survey Report**

**21 June, 2012**





Survey Report



Company: EOG Resources  
 Project: Uintah County Utah  
 Site: Chapita Well Unit 1426-1431-15D  
 Well: CWU #1429-15DX  
 Wellbore: #1429-15DX  
 Design: #1429-15DX

Local Co-ordinate Reference: Well CWU #1429-15DX  
 TVD Reference: True #34 @ 4859.0ft (Original Well Elev)  
 MD Reference: True #34 @ 4859.0ft (Original Well Elev)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Database: EDM 2003.16 Single User Db

<b>Project</b>	Uintah County Utah		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	Utah Central 4302		

<b>Site</b>	Chapita Well Unit 1426-1431-15D				
<b>Site Position:</b>		<b>Northing:</b>	624,916.61 ft	<b>Latitude:</b>	40° 1' 49.861 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,581,686.14 ft	<b>Longitude:</b>	109° 25' 21.011 W
<b>Position Uncertainty:</b>	0.0 ft	<b>Slot Radius:</b>	"	<b>Grid Convergence:</b>	1.33 °

<b>Well</b>	CWU #1429-15DX					
<b>Well Position</b>	<b>+N-S</b>	0.0 ft	<b>Northing:</b>	624,955.85 ft	<b>Latitude:</b>	40° 1' 50.250 N
	<b>+E-W</b>	0.0 ft	<b>Easting:</b>	2,581,681.40 ft	<b>Longitude:</b>	109° 25' 21.060 W
<b>Position Uncertainty</b>	0.0 ft		<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	4,840.0 ft

<b>Wellbore</b>	#1429-15DX				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	2012/03/07	10.95	65.89	52,284

<b>Design</b>	#1429-15DX				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>		<b>Depth From (TVD) (ft)</b>	<b>+N-S (ft)</b>	<b>+E-W (ft)</b>	<b>Direction (°)</b>
		0.0	0.0	0.0	94.09

<b>Survey Program</b>	<b>Date</b>	2012/06/21			
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
276.0	9,647.0	Actual Surveys (#1429-15DX)	MWD	MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
276.0	0.30	124.20	276.0	-0.4	0.6	0.6	0.11	0.11	0.00
307.0	0.40	87.20	307.0	-0.4	0.8	0.8	0.78	0.32	-119.35
338.0	0.70	112.90	338.0	-0.5	1.1	1.1	1.23	0.97	82.90
369.0	0.90	110.90	369.0	-0.7	1.5	1.5	0.65	0.65	-6.45
399.0	1.40	98.40	399.0	-0.8	2.0	2.1	1.86	1.67	-41.67
430.0	1.80	99.70	430.0	-1.0	2.9	3.0	1.30	1.29	4.19
461.0	2.20	92.00	461.0	-1.1	4.0	4.0	1.55	1.29	-24.84
492.0	2.70	93.40	491.9	-1.1	5.3	5.4	1.62	1.61	4.52
523.0	3.10	94.30	522.9	-1.2	6.9	6.9	1.30	1.29	2.90
555.0	3.70	91.80	554.8	-1.3	8.8	8.8	1.93	1.87	-7.81
585.0	4.30	93.00	584.8	-1.4	10.8	10.9	2.02	2.00	4.00
617.0	5.10	92.80	616.7	-1.5	13.5	13.5	2.50	2.50	-0.62



Survey Report



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 Wellbore: #1429-15DX  
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Local Co-ordinate Reference: Well CWU #1429-15DX  
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 MD Reference: True #34 @ 4859.0ft (Original Well Elev)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Database: EDM 2003.16 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
647.0	5.60	92.80	646.5	-1.7	16.3	16.3	1.67	1.67	0.00
672.0	6.30	90.70	671.4	-1.8	18.8	18.9	2.93	2.80	-8.40
702.0	7.00	90.40	701.2	-1.8	22.3	22.4	2.34	2.33	-1.00
734.0	7.60	91.20	732.9	-1.8	26.4	26.4	1.90	1.87	2.50
766.0	8.20	89.70	764.6	-1.9	30.8	30.8	1.98	1.87	-4.69
797.0	8.80	89.50	795.3	-1.8	35.4	35.4	1.94	1.94	-0.65
828.0	9.10	89.30	825.9	-1.8	40.2	40.2	0.97	0.97	-0.65
859.0	9.50	89.10	856.5	-1.7	45.2	45.2	1.29	1.29	-0.65
890.0	9.80	89.20	887.1	-1.6	50.4	50.4	0.97	0.97	0.32
922.0	10.10	89.90	918.6	-1.6	55.9	55.9	1.01	0.94	2.19
954.0	10.40	89.20	950.1	-1.6	61.6	61.6	1.02	0.94	-2.19
984.0	10.70	89.60	979.6	-1.5	67.1	67.0	1.03	1.00	1.33
1,016.0	10.90	90.10	1,011.0	-1.5	73.1	73.0	0.69	0.62	1.56
1,047.0	11.30	89.70	1,041.4	-1.5	79.1	79.0	1.31	1.29	-1.29
1,078.0	11.20	88.30	1,071.8	-1.4	85.1	85.0	0.94	-0.32	-4.52
1,109.0	10.80	87.00	1,102.2	-1.1	91.0	90.9	1.52	-1.29	-4.19
1,141.0	10.60	85.60	1,133.7	-0.7	97.0	96.8	1.02	-0.62	-4.37
1,173.0	10.70	85.40	1,165.1	-0.3	102.9	102.6	0.33	0.31	-0.62
1,205.0	10.80	85.00	1,196.6	0.2	108.8	108.5	0.39	0.31	-1.25
1,235.0	10.90	85.30	1,226.0	0.7	114.4	114.1	0.38	0.33	1.00
1,267.0	11.20	84.90	1,257.4	1.2	120.5	120.1	0.97	0.94	-1.25
1,298.0	11.30	84.60	1,287.8	1.8	126.6	126.1	0.37	0.32	-0.97
1,328.0	11.00	85.70	1,317.3	2.3	132.3	131.8	1.23	-1.00	3.67
1,360.0	10.10	87.00	1,348.7	2.6	138.2	137.6	2.91	-2.81	4.06
1,391.0	10.10	87.10	1,379.3	2.9	143.6	143.0	0.06	0.00	0.32
1,422.0	10.00	86.90	1,409.8	3.2	149.0	148.4	0.34	-0.32	-0.65
1,454.0	9.90	86.80	1,441.3	3.5	154.5	153.9	0.32	-0.31	-0.31
1,484.0	9.90	85.70	1,470.9	3.8	159.7	159.0	0.63	0.00	-3.67
1,516.0	10.00	85.20	1,502.4	4.3	165.2	164.5	0.41	0.31	-1.56
1,547.0	10.10	85.40	1,532.9	4.7	170.6	169.8	0.34	0.32	0.65
1,579.0	10.20	85.10	1,564.4	5.2	176.2	175.4	0.35	0.31	-0.94
1,609.0	10.30	85.10	1,593.9	5.6	181.5	180.7	0.33	0.33	0.00
1,641.0	10.30	84.40	1,625.4	6.2	187.2	186.3	0.39	0.00	-2.19
1,673.0	10.50	84.20	1,656.9	6.7	193.0	192.0	0.64	0.62	-0.62
1,705.0	10.30	85.50	1,688.4	7.3	198.7	197.7	0.96	-0.62	4.06
1,736.0	10.10	86.50	1,718.9	7.6	204.2	203.1	0.86	-0.65	3.23
1,767.0	10.20	86.70	1,749.4	8.0	209.7	208.6	0.34	0.32	0.65
1,799.0	10.60	85.60	1,780.9	8.4	215.4	214.3	1.40	1.25	-3.44
1,831.0	10.80	85.10	1,812.3	8.8	221.3	220.1	0.69	0.62	-1.56
1,861.0	10.80	83.60	1,841.8	9.4	226.9	225.7	0.94	0.00	-5.00
1,893.0	10.80	82.70	1,873.2	10.1	232.9	231.6	0.53	0.00	-2.81
1,923.0	10.90	83.10	1,902.7	10.8	238.5	237.1	0.42	0.33	1.33
1,955.0	10.90	83.10	1,934.1	11.5	244.5	243.1	0.00	0.00	0.00
1,985.0	11.10	82.10	1,963.5	12.3	250.2	248.7	0.92	0.67	-3.33
2,017.0	11.10	83.40	1,994.9	13.1	256.3	254.7	0.78	0.00	4.06
2,048.0	10.80	85.30	2,025.4	13.6	262.1	260.5	1.51	-0.97	6.13
2,080.0	10.80	86.10	2,056.8	14.1	268.1	266.4	0.47	0.00	2.50
2,113.0	10.80	86.10	2,089.2	14.5	274.3	272.6	0.00	0.00	0.00
2,145.0	10.70	84.50	2,120.7	15.0	280.2	278.5	0.98	-0.31	-5.00
2,176.0	9.90	82.40	2,151.2	15.6	285.7	283.9	2.85	-2.58	-6.77
2,207.0	9.70	81.50	2,181.7	16.4	291.0	289.1	0.81	-0.65	-2.90
2,239.0	9.70	80.10	2,213.2	17.2	296.3	294.3	0.74	0.00	-4.37
2,269.0	9.30	79.30	2,242.8	18.1	301.2	299.1	1.40	-1.33	-2.67
2,292.0	9.10	78.40	2,265.5	18.8	304.8	302.7	1.07	-0.87	-3.91



**Company:** EOG Resources  
**Project:** Uintah County Utah  
**Site:** Chapita Well Unit 1426-1431-15D  
**Well:** CWU #1429-15DX  
**Wellbore:** #1429-15DX  
**Design:** #1429-15DX

**Local Co-ordinate Reference:** Well CWU #1429-15DX  
**TVD Reference:** True #34 @ 4859.0ft (Original Well Elev)  
**MD Reference:** True #34 @ 4859.0ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.16 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
2,405.0	8.30	78.90	2,377.2	22.2	321.5	319.1	0.71	-0.71	0.44
2,437.0	7.90	79.90	2,408.9	23.0	326.0	323.5	1.33	-1.25	3.12
2,468.0	7.60	79.60	2,439.6	23.8	330.1	327.5	0.98	-0.97	-0.97
2,499.0	7.70	82.60	2,470.4	24.4	334.2	331.6	1.33	0.32	9.68
2,530.0	8.30	87.90	2,501.1	24.7	338.4	335.8	3.07	1.94	17.10
2,562.0	9.30	91.10	2,532.7	24.8	343.3	340.7	3.48	3.12	10.00
2,592.0	9.70	91.90	2,562.3	24.6	348.3	345.6	1.40	1.33	2.67
2,623.0	9.20	91.70	2,592.9	24.5	353.4	350.7	1.62	-1.61	-0.65
2,654.0	8.80	92.00	2,623.5	24.3	358.2	355.6	1.30	-1.29	0.97
2,686.0	8.50	91.90	2,655.1	24.2	363.0	360.4	0.94	-0.94	-0.31
2,717.0	8.20	92.30	2,685.8	24.0	367.5	364.9	0.99	-0.97	1.29
2,749.0	7.90	92.40	2,717.5	23.8	372.0	369.4	0.94	-0.94	0.31
2,780.0	7.50	92.60	2,748.2	23.6	376.2	373.5	1.29	-1.29	0.65
2,812.0	7.90	91.80	2,779.9	23.5	380.4	377.8	1.29	1.25	-2.50
2,844.0	8.00	91.40	2,811.6	23.4	384.9	382.2	0.36	0.31	-1.25
2,876.0	8.50	92.50	2,843.3	23.2	389.5	386.8	1.64	1.56	3.44
2,906.0	8.50	94.00	2,872.9	22.9	393.9	391.2	0.74	0.00	5.00
2,938.0	8.40	92.70	2,904.6	22.7	398.6	395.9	0.67	-0.31	-4.06
2,969.0	8.20	92.30	2,935.3	22.5	403.0	400.4	0.67	-0.65	-1.29
3,001.0	8.70	90.14	2,966.9	22.4	407.7	405.1	1.85	1.56	-6.75
3,032.0	8.80	89.20	2,997.5	22.4	412.5	409.8	0.56	0.32	-3.03
3,063.0	9.30	87.40	3,028.2	22.5	417.3	414.7	1.85	1.61	-5.81
3,094.0	9.40	85.80	3,058.7	22.8	422.4	419.7	0.90	0.32	-5.16
3,126.0	8.90	86.40	3,090.3	23.2	427.4	424.7	1.59	-1.56	1.87
3,158.0	8.60	88.00	3,122.0	23.4	432.3	429.5	1.21	-0.94	5.00
3,188.0	8.40	88.70	3,151.6	23.6	436.7	433.9	0.75	-0.67	2.33
3,220.0	8.30	90.30	3,183.3	23.6	441.4	438.6	0.79	-0.31	5.00
3,250.0	8.10	90.10	3,213.0	23.6	445.7	442.8	0.67	-0.67	-0.67
3,282.0	8.10	92.50	3,244.7	23.5	450.2	447.4	1.06	0.00	7.50
3,312.0	8.70	91.20	3,274.4	23.3	454.5	451.7	2.10	2.00	-4.33
3,344.0	9.00	91.00	3,306.0	23.2	459.5	456.6	0.94	0.94	-0.62
3,375.0	9.20	88.00	3,336.6	23.3	464.4	461.5	1.66	0.65	-9.68
3,405.0	9.40	86.90	3,366.2	23.5	469.2	466.3	0.89	0.67	-3.67
3,437.0	9.10	87.90	3,397.8	23.7	474.4	471.5	1.06	-0.94	3.12
3,468.0	8.60	90.30	3,428.4	23.8	479.1	476.2	2.00	-1.61	7.74
3,500.0	8.40	91.00	3,460.0	23.8	483.8	480.9	0.70	-0.62	2.19
3,531.0	8.20	92.60	3,490.7	23.6	488.3	485.4	0.99	-0.65	5.16
3,563.0	8.00	94.00	3,522.4	23.4	492.8	489.9	0.88	-0.62	4.37
3,594.0	8.20	89.80	3,553.1	23.2	497.2	494.3	2.01	0.65	-13.55
3,625.0	8.20	87.40	3,583.8	23.3	501.6	498.7	1.10	0.00	-7.74
3,657.0	7.80	83.40	3,615.5	23.7	506.0	503.1	2.14	-1.25	-12.50
3,688.0	7.60	82.00	3,646.2	24.2	510.2	507.1	0.88	-0.65	-4.52
3,720.0	7.50	82.70	3,677.9	24.8	514.3	511.3	0.42	-0.31	2.19
3,752.0	6.70	85.10	3,709.7	25.2	518.3	515.1	2.67	-2.50	7.50
3,783.0	6.40	87.90	3,740.5	25.4	521.8	518.7	1.41	-0.97	9.03
3,815.0	6.30	89.10	3,772.3	25.5	525.3	522.2	0.52	-0.31	3.75
3,847.0	5.80	90.10	3,804.1	25.5	528.7	525.5	1.60	-1.56	3.12
3,879.0	5.30	90.60	3,835.9	25.5	531.8	528.6	1.57	-1.56	1.56
3,910.0	5.10	92.70	3,866.8	25.4	534.6	531.4	0.89	-0.65	6.77
3,940.0	4.40	95.40	3,896.7	25.3	537.1	533.9	2.45	-2.33	9.00
3,971.0	3.90	100.00	3,927.6	25.0	539.3	536.2	1.94	-1.61	14.84
4,003.0	3.60	102.20	3,959.6	24.6	541.4	538.2	1.04	-0.94	6.87
4,033.0	3.40	105.70	3,989.5	24.1	543.1	540.0	0.98	-0.67	11.67
4,065.0	3.30	109.50	4,021.4	23.6	544.9	541.8	0.76	-0.31	11.87



Survey Report



Company: EOG Resources  
 Project: Uintah County Utah  
 Site: Chapita Well Unit 1426-1431-15D  
 Well: CWU #1429-15DX  
 Wellbore: #1429-15DX  
 Design: #1429-15DX

Local Co-ordinate Reference: Well CWU #1429-15DX  
 TVD Reference: True #34 @ 4859.0ft (Original Well Elev)  
 MD Reference: True #34 @ 4859.0ft (Original Well Elev)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Database: EDM 2003.16 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
4,095.0	3.30	110.80	4,051.4	23.0	546.5	543.5	0.25	0.00	4.33	
4,126.0	2.50	103.10	4,082.4	22.5	548.0	545.0	2.86	-2.58	-24.84	
4,158.0	2.40	97.20	4,114.3	22.3	549.4	546.4	0.85	-0.31	-18.44	
4,188.0	2.20	90.90	4,144.3	22.2	550.6	547.6	1.07	-0.67	-21.00	
4,220.0	1.90	85.30	4,176.3	22.2	551.7	548.7	1.13	-0.94	-17.50	
4,251.0	1.90	86.90	4,207.3	22.3	552.7	549.7	0.17	0.00	5.16	
4,282.0	2.10	87.90	4,238.2	22.3	553.8	550.8	0.65	0.65	3.23	
4,313.0	2.10	91.60	4,269.2	22.3	555.0	552.0	0.44	0.00	11.94	
4,343.0	2.00	92.50	4,299.2	22.3	556.0	553.0	0.35	-0.33	3.00	
4,373.0	2.00	98.00	4,329.2	22.2	557.1	554.1	0.64	0.00	18.33	
4,405.0	2.00	97.30	4,361.2	22.0	558.2	555.2	0.08	0.00	-2.19	
4,437.0	1.90	104.90	4,393.2	21.8	559.2	556.3	0.87	-0.31	23.75	
4,468.0	1.90	107.90	4,424.1	21.5	560.2	557.3	0.32	0.00	9.68	
4,498.9	1.80	109.15	4,455.0	21.2	561.2	558.2	0.34	-0.31	4.05	
<b>Vertical #1429</b>										
4,500.0	1.80	109.20	4,456.1	21.2	561.2	558.3	0.34	-0.31	4.28	
4,532.0	1.80	129.10	4,488.1	20.7	562.1	559.2	1.94	0.00	62.19	
4,563.0	2.20	135.40	4,519.1	20.0	562.9	560.0	1.47	1.29	20.32	
4,594.0	1.70	132.90	4,550.1	19.3	563.6	560.8	1.64	-1.61	-8.06	
4,626.0	1.30	125.30	4,582.1	18.7	564.3	561.5	1.39	-1.25	-23.75	
4,657.0	1.20	125.30	4,613.0	18.3	564.8	562.1	0.32	-0.32	0.00	
4,689.0	0.90	121.00	4,645.0	18.0	565.3	562.6	0.97	-0.94	-13.44	
4,753.0	0.40	99.50	4,709.0	17.7	566.0	563.3	0.86	-0.78	-33.59	
4,848.0	0.40	81.10	4,804.0	17.7	566.6	563.9	0.13	0.00	-19.37	
4,941.0	0.70	104.40	4,897.0	17.6	567.5	564.8	0.40	0.32	25.05	
5,035.0	0.70	123.40	4,991.0	17.2	568.5	565.9	0.25	0.00	20.21	
5,130.0	0.70	132.50	5,086.0	16.5	569.4	566.8	0.12	0.00	9.58	
5,223.0	0.80	138.20	5,179.0	15.6	570.3	567.7	0.13	0.11	6.13	
5,316.0	0.80	137.30	5,272.0	14.6	571.2	568.7	0.01	0.00	-0.97	
5,409.0	0.80	138.10	5,365.0	13.7	572.0	569.6	0.01	0.00	0.86	
5,503.0	0.80	141.60	5,459.0	12.7	572.9	570.5	0.05	0.00	3.72	
5,596.0	1.00	147.60	5,552.0	11.5	573.7	571.4	0.24	0.22	6.45	
5,690.0	1.10	155.00	5,646.0	10.0	574.5	572.4	0.18	0.11	7.87	
5,783.0	1.00	158.30	5,738.9	8.4	575.2	573.2	0.13	-0.11	3.55	
5,878.0	1.30	157.10	5,833.9	6.6	575.9	574.0	0.32	0.32	-1.26	
5,971.0	1.30	163.70	5,926.9	4.7	576.6	574.8	0.16	0.00	7.10	
6,064.0	0.10	147.10	6,019.9	3.6	577.0	575.3	1.30	-1.29	-17.85	
6,157.0	0.40	156.70	6,112.9	3.2	577.2	575.5	0.32	0.32	10.32	
6,250.0	0.70	163.60	6,205.9	2.4	577.4	575.8	0.33	0.32	7.42	
6,344.0	0.90	165.80	6,299.9	1.1	577.8	576.2	0.22	0.21	2.34	
6,437.0	1.10	171.20	6,392.9	-0.5	578.1	576.7	0.24	0.22	5.81	
6,531.0	0.20	78.60	6,486.9	-1.4	578.4	577.0	1.20	-0.96	-98.51	
6,625.0	0.30	102.20	6,580.9	-1.4	578.8	577.4	0.15	0.11	25.11	
6,719.0	0.40	126.10	6,674.9	-1.6	579.3	578.0	0.19	0.11	25.43	
6,811.0	0.70	134.20	6,766.8	-2.2	580.0	578.7	0.34	0.33	8.80	
6,904.0	0.80	146.40	6,859.8	-3.1	580.7	579.5	0.20	0.11	13.12	
6,998.0	1.00	146.30	6,953.8	-4.4	581.6	580.4	0.21	0.21	-0.11	
7,091.0	1.10	147.40	7,046.8	-5.8	582.5	581.4	0.11	0.11	1.18	
7,185.0	0.60	115.30	7,140.8	-6.8	583.4	582.4	0.72	-0.53	-34.15	
7,279.0	0.70	126.60	7,234.8	-7.3	584.3	583.4	0.17	0.11	12.02	
7,283.2	0.70	126.54	7,239.0	-7.3	584.4	583.4	0.11	0.11	-1.36	
<b>Price River #1429</b>										
7,371.0	0.80	125.50	7,326.8	-8.0	585.3	584.4	0.11	0.11	-1.19	
7,465.0	1.00	124.80	7,420.8	-8.9	586.5	585.6	0.21	0.21	-0.74	



Survey Report

Company: EOG Resources  
 Project: Uintah County Utah  
 Site: Chapita Well Unit 1426-1431-15D  
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 Design: #1429-15DX

Local Co-ordinate Reference: Well CWU #1429-15DX  
 TVD Reference: True #34 @ 4859.0ft (Original Well Elev)  
 MD Reference: True #34 @ 4859.0ft (Original Well Elev)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Database: EDM 2003.16 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
7,559.0	0.60	115.80	7,514.8	-9.6	587.6	586.8	0.44	-0.43	-9.57
7,652.0	0.70	121.60	7,607.8	-10.1	588.5	587.8	0.13	0.11	6.24
7,745.0	0.80	131.60	7,700.8	-10.8	589.5	588.8	0.18	0.11	10.75
7,838.0	0.90	134.00	7,793.7	-11.7	590.5	589.9	0.11	0.11	2.58
7,932.0	0.80	140.02	7,887.7	-12.7	591.5	590.9	0.14	-0.11	6.40
8,027.0	0.90	145.73	7,982.7	-13.9	592.3	591.8	0.14	0.11	6.01
8,122.0	1.10	142.90	8,077.7	-15.2	593.3	592.9	0.22	0.21	-2.98
8,216.0	0.80	110.80	8,171.7	-16.2	594.5	594.1	0.64	-0.32	-34.15
8,309.0	0.90	116.60	8,264.7	-16.7	595.7	595.4	0.14	0.11	6.24
8,403.0	1.00	122.40	8,358.7	-17.5	597.1	596.8	0.15	0.11	6.17
8,497.0	1.20	140.60	8,452.7	-18.7	598.4	598.2	0.43	0.21	19.36
8,590.0	1.40	149.00	8,545.6	-20.4	599.6	599.5	0.30	0.22	9.03
8,686.0	1.50	144.50	8,641.6	-22.4	600.9	601.0	0.16	0.10	-4.69
8,779.0	1.70	151.70	8,734.6	-24.7	602.3	602.5	0.30	0.22	7.74
8,872.0	1.40	160.00	8,827.5	-26.9	603.3	603.7	0.40	-0.32	8.92
8,966.0	1.60	149.20	8,921.5	-29.1	604.4	604.9	0.37	0.21	-11.49
9,059.0	1.70	149.80	9,014.5	-31.4	605.7	606.4	0.11	0.11	0.65
9,152.0	1.40	132.50	9,107.4	-33.4	607.3	608.1	0.59	-0.32	-18.60
9,247.0	1.20	132.20	9,202.4	-34.9	608.9	609.8	0.21	-0.21	-0.32
9,343.0	1.40	139.80	9,298.4	-36.4	610.4	611.4	0.27	0.21	7.92
9,435.0	1.60	144.60	9,390.3	-38.3	611.8	613.0	0.26	0.22	5.22
9,530.0	1.80	149.50	9,485.3	-40.7	613.4	614.7	0.26	0.21	5.16
9,592.0	1.80	152.60	9,547.3	-42.4	614.3	615.8	0.16	0.00	5.00
9,646.4	1.80	152.60	9,601.7	-43.9	615.1	616.7	0.00	0.00	0.00
<b>PBHL #1429</b>									
9,647.0	1.80	152.60	9,602.2	-43.9	615.1	616.7	0.00	0.00	0.00
<b>Projection to TD</b>									

Targets

Target Name

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Vertical #1429	0.00	0.00	4,454.0	-13.1	582.3	624,956.27	2,582,263.89	40° 1' 50.120 N	109° 25' 13.573 W
- survey misses target center by 40.3ft at 4498.9ft MD (4455.0 TVD, 21.2 N, 561.2 E)									
- Point									
Price River #1429	0.00	0.00	7,239.0	-13.1	582.3	624,956.27	2,582,263.89	40° 1' 50.120 N	109° 25' 13.573 W
- survey misses target center by 6.1ft at 7283.2ft MD (7239.0 TVD, -7.3 N, 584.4 E)									
- Circle (radius 50.0)									
PBHL #1429	0.00	0.00	9,603.0	-13.1	582.3	624,956.27	2,582,263.89	40° 1' 50.120 N	109° 25' 13.573 W
- survey misses target center by 45.0ft at 9646.4ft MD (9601.7 TVD, -43.9 N, 615.1 E)									
- Point									

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
9,647.0	9,602.2	-43.9	615.1	Projection to TD

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



## **EOG Resources**

**Uintah County Utah  
Chapita Well Unit 1426-1431-15D  
CWU #1429-15DX  
#1429-15DX**

**Survey: Actual Surveys**

## **Survey Report - Geographic**

**21 June, 2012**





**Company:** EOG Resources  
**Project:** Uintah County Utah  
**Site:** Chapita Well Unit 1426-1431-15D  
**Well:** CWU #1429-15DX  
**Wellbore:** #1429-15DX  
**Design:** #1429-15DX

**Local Co-ordinate Reference:** Well CWU #1429-15DX  
**TVD Reference:** True #34 @ 4859.0ft (Original Well Elev)  
**MD Reference:** True #34 @ 4859.0ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.16 Single User Db

<b>Project</b>	Uintah County Utah		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	Utah Central 4302		

<b>Site</b>	Chapita Well Unit 1426-1431-15D				
<b>Site Position:</b>		<b>Northing:</b>	624,916.61 ft	<b>Latitude:</b>	40° 1' 49.861 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,581,686.14 ft	<b>Longitude:</b>	109° 25' 21.011 W
<b>Position Uncertainty:</b>	0.0 ft	<b>Slot Radius:</b>	"	<b>Grid Convergence:</b>	1.33 °

<b>Well</b>	CWU #1429-15DX					
<b>Well Position</b>	<b>+N/-S</b>	0.0 ft	<b>Northing:</b>	624,955.85 ft	<b>Latitude:</b>	40° 1' 50.250 N
	<b>+E/-W</b>	0.0 ft	<b>Easting:</b>	2,581,681.40 ft	<b>Longitude:</b>	109° 25' 21.060 W
<b>Position Uncertainty</b>	0.0 ft		<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	4,840.0 ft

<b>Wellbore</b>	#1429-15DX				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	2012/03/07	10.95	65.89	52,284

<b>Design</b>	#1429-15DX				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>	
	0.0	0.0	0.0	94.09	

<b>Survey Program</b>	<b>Date</b>	2012/06/21			
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
276.0	9,647.0	Actual Surveys (#1429-15DX)	MWD	MWD - Standard	



Survey Report - Geographic



**Company:** EOG Resources  
**Project:** Uintah County Utah  
**Site:** Chapita Well Unit 1426-1431-15D  
**Well:** CWU #1429-15DX  
**Wellbore:** #1429-15DX  
**Design:** #1429-15DX

**Local Co-ordinate Reference:** Well CWU #1429-15DX  
**TVD Reference:** True #34 @ 4859.0ft (Original Well Elev)  
**MD Reference:** True #34 @ 4859.0ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.16 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
0.0	0.00	0.00	0.0	0.0	0.0	624,955.85	2,581,681.40	40° 1' 50.250 N	109° 25' 21.060 W
276.0	0.30	124.20	276.0	-0.4	0.6	624,955.45	2,581,682.00	40° 1' 50.246 N	109° 25' 21.052 W
307.0	0.40	87.20	307.0	-0.4	0.8	624,955.42	2,581,682.18	40° 1' 50.246 N	109° 25' 21.050 W
338.0	0.70	112.90	338.0	-0.5	1.1	624,955.36	2,581,682.46	40° 1' 50.245 N	109° 25' 21.046 W
369.0	0.90	110.90	369.0	-0.7	1.5	624,955.20	2,581,682.87	40° 1' 50.243 N	109° 25' 21.041 W
399.0	1.40	98.40	399.0	-0.8	2.0	624,955.08	2,581,683.46	40° 1' 50.242 N	109° 25' 21.034 W
430.0	1.80	99.70	430.0	-1.0	2.9	624,954.96	2,581,684.31	40° 1' 50.241 N	109° 25' 21.023 W
461.0	2.20	92.00	461.0	-1.1	4.0	624,954.89	2,581,685.39	40° 1' 50.240 N	109° 25' 21.009 W
492.0	2.70	93.40	491.9	-1.1	5.3	624,954.85	2,581,686.71	40° 1' 50.239 N	109° 25' 20.992 W
523.0	3.10	94.30	522.9	-1.2	6.9	624,954.78	2,581,688.28	40° 1' 50.238 N	109° 25' 20.972 W
555.0	3.70	91.80	554.8	-1.3	8.8	624,954.73	2,581,690.18	40° 1' 50.237 N	109° 25' 20.947 W
585.0	4.30	93.00	584.8	-1.4	10.8	624,954.69	2,581,692.27	40° 1' 50.236 N	109° 25' 20.921 W
617.0	5.10	92.80	616.7	-1.5	13.5	624,954.62	2,581,694.89	40° 1' 50.235 N	109° 25' 20.887 W
647.0	5.60	92.80	646.5	-1.7	16.3	624,954.55	2,581,697.69	40° 1' 50.233 N	109° 25' 20.851 W
672.0	6.30	90.70	671.4	-1.8	18.8	624,954.53	2,581,700.28	40° 1' 50.233 N	109° 25' 20.818 W
702.0	7.00	90.40	701.2	-1.8	22.3	624,954.58	2,581,703.75	40° 1' 50.232 N	109° 25' 20.773 W
734.0	7.60	91.20	732.9	-1.8	26.4	624,954.61	2,581,707.82	40° 1' 50.232 N	109° 25' 20.721 W
766.0	8.20	89.70	764.6	-1.9	30.8	624,954.68	2,581,712.22	40° 1' 50.231 N	109° 25' 20.664 W
797.0	8.80	89.50	795.3	-1.8	35.4	624,954.82	2,581,716.80	40° 1' 50.232 N	109° 25' 20.605 W
828.0	9.10	89.30	825.9	-1.8	40.2	624,954.98	2,581,721.62	40° 1' 50.232 N	109° 25' 20.543 W
859.0	9.50	89.10	856.5	-1.7	45.2	624,955.17	2,581,726.62	40° 1' 50.233 N	109° 25' 20.479 W
890.0	9.80	89.20	887.1	-1.6	50.4	624,955.37	2,581,731.81	40° 1' 50.234 N	109° 25' 20.412 W
922.0	10.10	89.90	918.6	-1.6	55.9	624,955.54	2,581,737.34	40° 1' 50.234 N	109° 25' 20.341 W
954.0	10.40	89.20	950.1	-1.6	61.6	624,955.72	2,581,743.03	40° 1' 50.234 N	109° 25' 20.268 W
984.0	10.70	89.60	979.6	-1.5	67.1	624,955.90	2,581,748.52	40° 1' 50.235 N	109° 25' 20.197 W
1,016.0	10.90	90.10	1,011.0	-1.5	73.1	624,956.06	2,581,754.52	40° 1' 50.235 N	109° 25' 20.120 W
1,047.0	11.30	89.70	1,041.4	-1.5	79.1	624,956.21	2,581,760.48	40° 1' 50.235 N	109° 25' 20.043 W
1,078.0	11.20	88.30	1,071.8	-1.4	85.1	624,956.45	2,581,766.52	40° 1' 50.236 N	109° 25' 19.966 W
1,109.0	10.80	87.00	1,102.2	-1.1	91.0	624,956.83	2,581,772.43	40° 1' 50.239 N	109° 25' 19.890 W
1,141.0	10.60	85.60	1,133.7	-0.7	97.0	624,957.35	2,581,778.35	40° 1' 50.243 N	109° 25' 19.814 W
1,173.0	10.70	85.40	1,165.1	-0.3	102.9	624,957.95	2,581,784.23	40° 1' 50.247 N	109° 25' 19.738 W
1,205.0	10.80	85.00	1,196.6	0.2	108.8	624,958.59	2,581,790.16	40° 1' 50.252 N	109° 25' 19.661 W
1,235.0	10.90	85.30	1,226.0	0.7	114.4	624,959.20	2,581,795.78	40° 1' 50.257 N	109° 25' 19.589 W
1,267.0	11.20	84.90	1,257.4	1.2	120.5	624,959.86	2,581,801.87	40° 1' 50.262 N	109° 25' 19.510 W
1,298.0	11.30	84.60	1,287.8	1.8	126.6	624,960.56	2,581,807.88	40° 1' 50.267 N	109° 25' 19.433 W
1,328.0	11.00	85.70	1,317.3	2.3	132.3	624,961.18	2,581,813.65	40° 1' 50.272 N	109° 25' 19.359 W
1,360.0	10.10	87.00	1,348.7	2.6	138.2	624,961.69	2,581,819.49	40° 1' 50.276 N	109° 25' 19.283 W
1,391.0	10.10	87.10	1,379.3	2.9	143.6	624,962.10	2,581,824.91	40° 1' 50.279 N	109° 25' 19.214 W
1,422.0	10.00	86.90	1,409.8	3.2	149.0	624,962.51	2,581,830.30	40° 1' 50.282 N	109° 25' 19.144 W
1,454.0	9.90	86.80	1,441.3	3.5	154.5	624,962.94	2,581,835.81	40° 1' 50.285 N	109° 25' 19.073 W
1,484.0	9.90	85.70	1,470.9	3.8	159.7	624,963.40	2,581,840.95	40° 1' 50.288 N	109° 25' 19.007 W
1,516.0	10.00	85.20	1,502.4	4.3	165.2	624,963.96	2,581,846.45	40° 1' 50.292 N	109° 25' 18.936 W
1,547.0	10.10	85.40	1,532.9	4.7	170.6	624,964.53	2,581,851.83	40° 1' 50.297 N	109° 25' 18.867 W
1,579.0	10.20	85.10	1,564.4	5.2	176.2	624,965.13	2,581,857.44	40° 1' 50.301 N	109° 25' 18.795 W
1,609.0	10.30	85.10	1,593.9	5.6	181.5	624,965.71	2,581,862.74	40° 1' 50.306 N	109° 25' 18.726 W
1,641.0	10.30	84.40	1,625.4	6.2	187.2	624,966.36	2,581,868.43	40° 1' 50.311 N	109° 25' 18.653 W
1,673.0	10.50	84.20	1,656.9	6.7	193.0	624,967.07	2,581,874.16	40° 1' 50.317 N	109° 25' 18.579 W
1,705.0	10.30	85.50	1,688.4	7.3	198.7	624,967.72	2,581,879.90	40° 1' 50.322 N	109° 25' 18.505 W
1,736.0	10.10	86.50	1,718.9	7.6	204.2	624,968.23	2,581,885.37	40° 1' 50.325 N	109° 25' 18.435 W
1,767.0	10.20	86.70	1,749.4	8.0	209.7	624,968.68	2,581,890.81	40° 1' 50.329 N	109° 25' 18.365 W
1,799.0	10.60	85.60	1,780.9	8.4	215.4	624,969.21	2,581,896.56	40° 1' 50.333 N	109° 25' 18.291 W
1,831.0	10.80	85.10	1,812.3	8.8	221.3	624,969.83	2,581,902.47	40° 1' 50.337 N	109° 25' 18.214 W
1,861.0	10.80	83.60	1,841.8	9.4	226.9	624,970.51	2,581,908.05	40° 1' 50.343 N	109° 25' 18.142 W
1,893.0	10.80	82.70	1,873.2	10.1	232.9	624,971.36	2,581,913.99	40° 1' 50.350 N	109° 25' 18.066 W
1,923.0	10.90	83.10	1,902.7	10.8	238.5	624,972.19	2,581,919.57	40° 1' 50.357 N	109° 25' 17.994 W



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Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
1,955.0	10.90	83.10	1,934.1	11.5	244.5	624,973.06	2,581,925.56	40° 1' 50.364 N	109° 25' 17.917 W
1,985.0	11.10	82.10	1,963.5	12.3	250.2	624,973.93	2,581,931.22	40° 1' 50.371 N	109° 25' 17.844 W
2,017.0	11.10	83.40	1,994.9	13.1	256.3	624,974.85	2,581,937.31	40° 1' 50.379 N	109° 25' 17.765 W
2,048.0	10.80	85.30	2,025.4	13.6	262.1	624,975.56	2,581,943.15	40° 1' 50.385 N	109° 25' 17.690 W
2,080.0	10.80	86.10	2,056.8	14.1	268.1	624,976.15	2,581,949.12	40° 1' 50.389 N	109° 25' 17.613 W
2,113.0	10.80	86.10	2,089.2	14.5	274.3	624,976.71	2,581,955.28	40° 1' 50.393 N	109° 25' 17.534 W
2,145.0	10.70	84.50	2,120.7	15.0	280.2	624,977.34	2,581,961.22	40° 1' 50.398 N	109° 25' 17.457 W
2,176.0	9.90	82.40	2,151.2	15.6	285.7	624,978.10	2,581,966.71	40° 1' 50.404 N	109° 25' 17.386 W
2,207.0	9.70	81.50	2,181.7	16.4	291.0	624,978.96	2,581,971.91	40° 1' 50.412 N	109° 25' 17.319 W
2,239.0	9.70	80.10	2,213.2	17.2	296.3	624,979.94	2,581,977.21	40° 1' 50.420 N	109° 25' 17.251 W
2,269.0	9.30	79.30	2,242.8	18.1	301.2	624,980.94	2,581,982.06	40° 1' 50.429 N	109° 25' 17.188 W
2,292.0	9.10	78.40	2,265.5	18.8	304.8	624,981.73	2,581,985.65	40° 1' 50.436 N	109° 25' 17.142 W
2,405.0	8.30	78.90	2,377.2	22.2	321.5	624,985.49	2,582,002.33	40° 1' 50.469 N	109° 25' 16.926 W
2,437.0	7.90	79.90	2,408.9	23.0	326.0	624,986.42	2,582,006.74	40° 1' 50.477 N	109° 25' 16.869 W
2,468.0	7.60	79.60	2,439.6	23.8	330.1	624,987.26	2,582,010.83	40° 1' 50.485 N	109° 25' 16.816 W
2,499.0	7.70	82.60	2,470.4	24.4	334.2	624,987.99	2,582,014.89	40° 1' 50.491 N	109° 25' 16.764 W
2,530.0	8.30	87.90	2,501.1	24.7	338.4	624,988.44	2,582,019.18	40° 1' 50.494 N	109° 25' 16.709 W
2,562.0	9.30	91.10	2,532.7	24.8	343.3	624,988.59	2,582,024.07	40° 1' 50.495 N	109° 25' 16.646 W
2,592.0	9.70	91.90	2,562.3	24.6	348.3	624,988.58	2,582,029.02	40° 1' 50.493 N	109° 25' 16.582 W
2,623.0	9.20	91.70	2,592.9	24.5	353.4	624,988.53	2,582,034.11	40° 1' 50.492 N	109° 25' 16.517 W
2,654.0	8.80	92.00	2,623.5	24.3	358.2	624,988.49	2,582,038.96	40° 1' 50.490 N	109° 25' 16.455 W
2,686.0	8.50	91.90	2,655.1	24.2	363.0	624,988.44	2,582,043.77	40° 1' 50.489 N	109° 25' 16.393 W
2,717.0	8.20	92.30	2,685.8	24.0	367.5	624,988.38	2,582,048.27	40° 1' 50.487 N	109° 25' 16.335 W
2,749.0	7.90	92.40	2,717.5	23.8	372.0	624,988.30	2,582,052.75	40° 1' 50.485 N	109° 25' 16.277 W
2,780.0	7.50	92.60	2,748.2	23.6	376.2	624,988.21	2,582,056.91	40° 1' 50.484 N	109° 25' 16.224 W
2,812.0	7.90	91.80	2,779.9	23.5	380.4	624,988.15	2,582,061.19	40° 1' 50.482 N	109° 25' 16.169 W
2,844.0	8.00	91.40	2,811.6	23.4	384.9	624,988.13	2,582,065.62	40° 1' 50.481 N	109° 25' 16.112 W
2,876.0	8.50	92.50	2,843.3	23.2	389.5	624,988.08	2,582,070.21	40° 1' 50.479 N	109° 25' 16.053 W
2,906.0	8.50	94.00	2,872.9	22.9	393.9	624,987.93	2,582,074.64	40° 1' 50.477 N	109° 25' 15.996 W
2,938.0	8.40	92.70	2,904.6	22.7	398.6	624,987.76	2,582,079.34	40° 1' 50.474 N	109° 25' 15.936 W
2,969.0	8.20	92.30	2,935.3	22.5	403.0	624,987.67	2,582,083.82	40° 1' 50.472 N	109° 25' 15.878 W
3,001.0	8.70	90.14	2,966.9	22.4	407.7	624,987.68	2,582,088.52	40° 1' 50.471 N	109° 25' 15.818 W
3,032.0	8.80	89.20	2,997.5	22.4	412.5	624,987.82	2,582,093.23	40° 1' 50.471 N	109° 25' 15.757 W
3,063.0	9.30	87.40	3,028.2	22.5	417.3	624,988.08	2,582,098.10	40° 1' 50.473 N	109° 25' 15.695 W
3,094.0	9.40	85.80	3,058.7	22.8	422.4	624,988.50	2,582,103.12	40° 1' 50.476 N	109° 25' 15.630 W
3,126.0	8.90	86.40	3,090.3	23.2	427.4	624,988.96	2,582,108.19	40° 1' 50.479 N	109° 25' 15.565 W
3,158.0	8.60	88.00	3,122.0	23.4	432.3	624,989.31	2,582,113.04	40° 1' 50.481 N	109° 25' 15.502 W
3,188.0	8.40	88.70	3,151.6	23.6	436.7	624,989.54	2,582,117.47	40° 1' 50.483 N	109° 25' 15.445 W
3,220.0	8.30	90.30	3,183.3	23.6	441.4	624,989.69	2,582,122.11	40° 1' 50.483 N	109° 25' 15.385 W
3,250.0	8.10	90.10	3,213.0	23.6	445.7	624,989.78	2,582,126.39	40° 1' 50.483 N	109° 25' 15.330 W
3,282.0	8.10	92.50	3,244.7	23.5	450.2	624,989.78	2,582,130.90	40° 1' 50.482 N	109° 25' 15.273 W
3,312.0	8.70	91.20	3,274.4	23.3	454.5	624,989.74	2,582,135.28	40° 1' 50.481 N	109° 25' 15.216 W
3,344.0	9.00	91.00	3,306.0	23.2	459.5	624,989.76	2,582,140.20	40° 1' 50.480 N	109° 25' 15.153 W
3,375.0	9.20	88.00	3,336.6	23.3	464.4	624,989.92	2,582,145.10	40° 1' 50.480 N	109° 25' 15.090 W
3,405.0	9.40	86.90	3,366.2	23.5	469.2	624,990.25	2,582,149.94	40° 1' 50.482 N	109° 25' 15.028 W
3,437.0	9.10	87.90	3,397.8	23.7	474.4	624,990.60	2,582,155.07	40° 1' 50.485 N	109° 25' 14.962 W
3,468.0	8.60	90.30	3,428.4	23.8	479.1	624,990.79	2,582,159.84	40° 1' 50.485 N	109° 25' 14.900 W
3,500.0	8.40	91.00	3,460.0	23.8	483.8	624,990.85	2,582,164.56	40° 1' 50.485 N	109° 25' 14.839 W
3,531.0	8.20	92.60	3,490.7	23.6	488.3	624,990.81	2,582,169.04	40° 1' 50.483 N	109° 25' 14.782 W
3,563.0	8.00	94.00	3,522.4	23.4	492.8	624,990.66	2,582,173.54	40° 1' 50.481 N	109° 25' 14.724 W
3,594.0	8.20	89.80	3,553.1	23.2	497.2	624,990.61	2,582,177.91	40° 1' 50.479 N	109° 25' 14.668 W
3,625.0	8.20	87.40	3,583.8	23.3	501.6	624,990.82	2,582,182.33	40° 1' 50.480 N	109° 25' 14.611 W
3,657.0	7.80	83.40	3,615.5	23.7	506.0	624,991.28	2,582,186.75	40° 1' 50.484 N	109° 25' 14.554 W
3,688.0	7.60	82.00	3,646.2	24.2	510.2	624,991.90	2,582,190.86	40° 1' 50.489 N	109° 25' 14.501 W
3,720.0	7.50	82.70	3,677.9	24.8	514.3	624,992.56	2,582,195.01	40° 1' 50.495 N	109° 25' 14.448 W



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**Survey**

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3,752.0	6.70	85.10	3,709.7	25.2	518.3	624,993.08	2,582,198.93	40° 1' 50.499 N	109° 25' 14.397 W
3,783.0	6.40	87.90	3,740.5	25.4	521.8	624,993.38	2,582,202.45	40° 1' 50.501 N	109° 25' 14.352 W
3,815.0	6.30	89.10	3,772.3	25.5	525.3	624,993.55	2,582,205.99	40° 1' 50.502 N	109° 25' 14.306 W
3,847.0	5.80	90.10	3,804.1	25.5	528.7	624,993.65	2,582,209.36	40° 1' 50.502 N	109° 25' 14.263 W
3,879.0	5.30	90.60	3,835.9	25.5	531.8	624,993.71	2,582,212.45	40° 1' 50.502 N	109° 25' 14.223 W
3,910.0	5.10	92.70	3,866.8	25.4	534.6	624,993.69	2,582,215.26	40° 1' 50.501 N	109° 25' 14.187 W
3,940.0	4.40	95.40	3,896.7	25.3	537.1	624,993.58	2,582,217.74	40° 1' 50.500 N	109° 25' 14.155 W
3,971.0	3.90	100.00	3,927.6	25.0	539.3	624,993.34	2,582,219.97	40° 1' 50.497 N	109° 25' 14.127 W
4,003.0	3.60	102.20	3,959.6	24.6	541.4	624,992.98	2,582,222.04	40° 1' 50.493 N	109° 25' 14.100 W
4,033.0	3.40	105.70	3,989.5	24.1	543.1	624,992.58	2,582,223.82	40° 1' 50.488 N	109° 25' 14.077 W
4,065.0	3.30	109.50	4,021.4	23.6	544.9	624,992.06	2,582,225.62	40° 1' 50.483 N	109° 25' 14.054 W
4,095.0	3.30	110.80	4,051.4	23.0	546.5	624,991.50	2,582,227.25	40° 1' 50.477 N	109° 25' 14.034 W
4,126.0	2.50	103.10	4,082.4	22.5	548.0	624,991.07	2,582,228.75	40° 1' 50.472 N	109° 25' 14.014 W
4,158.0	2.40	97.20	4,114.3	22.3	549.4	624,990.86	2,582,230.10	40° 1' 50.470 N	109° 25' 13.997 W
4,188.0	2.20	90.90	4,144.3	22.2	550.6	624,990.80	2,582,231.30	40° 1' 50.469 N	109° 25' 13.982 W
4,220.0	1.90	85.30	4,176.3	22.2	551.7	624,990.86	2,582,232.45	40° 1' 50.469 N	109° 25' 13.967 W
4,251.0	1.90	86.90	4,207.3	22.3	552.7	624,990.95	2,582,233.47	40° 1' 50.470 N	109° 25' 13.954 W
4,282.0	2.10	87.90	4,238.2	22.3	553.8	624,991.03	2,582,234.55	40° 1' 50.470 N	109° 25' 13.940 W
4,313.0	2.10	91.60	4,269.2	22.3	555.0	624,991.06	2,582,235.68	40° 1' 50.471 N	109° 25' 13.925 W
4,343.0	2.00	92.50	4,299.2	22.3	556.0	624,991.04	2,582,236.76	40° 1' 50.470 N	109° 25' 13.912 W
4,373.0	2.00	98.00	4,329.2	22.2	557.1	624,990.97	2,582,237.80	40° 1' 50.469 N	109° 25' 13.898 W
4,405.0	2.00	97.30	4,361.2	22.0	558.2	624,990.85	2,582,238.91	40° 1' 50.468 N	109° 25' 13.884 W
4,437.0	1.90	104.90	4,393.2	21.8	559.2	624,990.67	2,582,239.98	40° 1' 50.466 N	109° 25' 13.870 W
4,468.0	1.90	107.90	4,424.1	21.5	560.2	624,990.40	2,582,240.97	40° 1' 50.463 N	109° 25' 13.858 W
4,498.9	1.80	109.15	4,455.0	21.2	561.2	624,990.10	2,582,241.93	40° 1' 50.460 N	109° 25' 13.845 W
<b>Vertical #1429</b>									
4,500.0	1.80	109.20	4,456.1	21.2	561.2	624,990.09	2,582,241.96	40° 1' 50.460 N	109° 25' 13.845 W
4,532.0	1.80	129.10	4,488.1	20.7	562.1	624,989.63	2,582,242.84	40° 1' 50.455 N	109° 25' 13.834 W
4,563.0	2.20	135.40	4,519.1	20.0	562.9	624,988.92	2,582,243.65	40° 1' 50.448 N	109° 25' 13.824 W
4,594.0	1.70	132.90	4,550.1	19.3	563.6	624,988.20	2,582,244.42	40° 1' 50.440 N	109° 25' 13.814 W
4,626.0	1.30	125.30	4,582.1	18.7	564.3	624,987.68	2,582,245.08	40° 1' 50.435 N	109° 25' 13.806 W
4,657.0	1.20	125.30	4,613.0	18.3	564.8	624,987.31	2,582,245.64	40° 1' 50.431 N	109° 25' 13.799 W
4,689.0	0.90	121.00	4,645.0	18.0	565.3	624,986.99	2,582,246.13	40° 1' 50.428 N	109° 25' 13.792 W
4,753.0	0.40	99.50	4,709.0	17.7	566.0	624,986.71	2,582,246.79	40° 1' 50.425 N	109° 25' 13.784 W
4,848.0	0.40	81.10	4,804.0	17.7	566.6	624,986.73	2,582,247.45	40° 1' 50.425 N	109° 25' 13.775 W
4,941.0	0.70	104.40	4,897.0	17.6	567.5	624,986.65	2,582,248.32	40° 1' 50.424 N	109° 25' 13.764 W
5,035.0	0.70	123.40	4,991.0	17.2	568.5	624,986.22	2,582,249.36	40° 1' 50.420 N	109° 25' 13.751 W
5,130.0	0.70	132.50	5,086.0	16.5	569.4	624,985.53	2,582,250.29	40° 1' 50.413 N	109° 25' 13.739 W
5,223.0	0.80	138.20	5,179.0	15.6	570.3	624,984.68	2,582,251.16	40° 1' 50.404 N	109° 25' 13.728 W
5,316.0	0.80	137.30	5,272.0	14.6	571.2	624,983.74	2,582,252.06	40° 1' 50.394 N	109° 25' 13.717 W
5,409.0	0.80	138.10	5,365.0	13.7	572.0	624,982.80	2,582,252.96	40° 1' 50.385 N	109° 25' 13.706 W
5,503.0	0.80	141.60	5,459.0	12.7	572.9	624,981.82	2,582,253.82	40° 1' 50.375 N	109° 25' 13.695 W
5,596.0	1.00	147.60	5,552.0	11.5	573.7	624,980.64	2,582,254.69	40° 1' 50.363 N	109° 25' 13.684 W
5,690.0	1.10	155.00	5,646.0	10.0	574.5	624,979.15	2,582,255.55	40° 1' 50.348 N	109° 25' 13.674 W
5,783.0	1.00	158.30	5,738.9	8.4	575.2	624,977.61	2,582,256.26	40° 1' 50.333 N	109° 25' 13.665 W
5,878.0	1.30	157.10	5,833.9	6.6	575.9	624,975.86	2,582,257.03	40° 1' 50.315 N	109° 25' 13.656 W
5,971.0	1.30	163.70	5,926.9	4.7	576.6	624,973.89	2,582,257.78	40° 1' 50.296 N	109° 25' 13.646 W
6,064.0	0.10	147.10	6,019.9	3.6	577.0	624,972.82	2,582,258.14	40° 1' 50.285 N	109° 25' 13.642 W
6,157.0	0.40	156.70	6,112.9	3.2	577.2	624,972.46	2,582,258.32	40° 1' 50.282 N	109° 25' 13.640 W
6,250.0	0.70	163.60	6,205.9	2.4	577.4	624,971.62	2,582,258.63	40° 1' 50.273 N	109° 25' 13.636 W
6,344.0	0.90	165.80	6,299.9	1.1	577.8	624,970.36	2,582,259.01	40° 1' 50.261 N	109° 25' 13.632 W
6,437.0	1.10	171.20	6,392.9	-0.5	578.1	624,968.78	2,582,259.36	40° 1' 50.245 N	109° 25' 13.628 W
6,531.0	0.20	78.60	6,486.9	-1.4	578.4	624,967.93	2,582,259.68	40° 1' 50.237 N	109° 25' 13.624 W
6,625.0	0.30	102.20	6,580.9	-1.4	578.8	624,967.92	2,582,260.08	40° 1' 50.236 N	109° 25' 13.619 W
6,719.0	0.40	126.10	6,674.9	-1.6	579.3	624,967.69	2,582,260.59	40° 1' 50.234 N	109° 25' 13.612 W



Survey Report - Geographic



Company: EOG Resources  
 Project: Uintah County Utah  
 Site: Chapita Well Unit 1426-1431-15D  
 Well: CWU #1429-15DX  
 Wellbore: #1429-15DX  
 Design: #1429-15DX

Local Co-ordinate Reference: Well CWU #1429-15DX  
 TVD Reference: True #34 @ 4859.0ft (Original Well Elev)  
 MD Reference: True #34 @ 4859.0ft (Original Well Elev)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Database: EDM 2003.16 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
6,811.0	0.70	134.20	6,766.8	-2.2	580.0	624,967.12	2,582,261.27	40° 1' 50.228 N	109° 25' 13.604 W
6,904.0	0.80	146.40	6,859.8	-3.1	580.7	624,966.20	2,582,262.05	40° 1' 50.219 N	109° 25' 13.594 W
6,998.0	1.00	146.30	6,953.8	-4.4	581.6	624,964.99	2,582,262.90	40° 1' 50.207 N	109° 25' 13.583 W
7,091.0	1.10	147.40	7,046.8	-5.8	582.5	624,963.59	2,582,263.86	40° 1' 50.193 N	109° 25' 13.571 W
7,185.0	0.60	115.30	7,140.8	-6.8	583.4	624,962.64	2,582,264.82	40° 1' 50.183 N	109° 25' 13.559 W
7,279.0	0.70	126.60	7,234.8	-7.3	584.3	624,962.11	2,582,265.74	40° 1' 50.178 N	109° 25' 13.548 W
7,283.2	0.70	126.54	7,239.0	-7.3	584.4	624,962.08	2,582,265.78	40° 1' 50.177 N	109° 25' 13.547 W
<b>Price River #1429</b>									
7,371.0	0.80	125.50	7,326.8	-8.0	585.3	624,961.42	2,582,266.73	40° 1' 50.171 N	109° 25' 13.535 W
7,465.0	1.00	124.80	7,420.8	-8.9	586.5	624,960.60	2,582,267.95	40° 1' 50.162 N	109° 25' 13.520 W
7,559.0	0.60	115.80	7,514.8	-9.6	587.6	624,959.94	2,582,269.09	40° 1' 50.155 N	109° 25' 13.505 W
7,652.0	0.70	121.60	7,607.8	-10.1	588.5	624,959.46	2,582,270.02	40° 1' 50.150 N	109° 25' 13.493 W
7,745.0	0.80	131.60	7,700.8	-10.8	589.5	624,958.75	2,582,271.01	40° 1' 50.143 N	109° 25' 13.481 W
7,838.0	0.90	134.00	7,793.7	-11.7	590.5	624,957.84	2,582,272.04	40° 1' 50.134 N	109° 25' 13.468 W
7,932.0	0.80	140.02	7,887.7	-12.7	591.5	624,956.84	2,582,273.01	40° 1' 50.124 N	109° 25' 13.456 W
8,027.0	0.90	145.73	7,982.7	-13.9	592.3	624,955.74	2,582,273.89	40° 1' 50.113 N	109° 25' 13.445 W
8,122.0	1.10	142.90	8,077.7	-15.2	593.3	624,954.42	2,582,274.89	40° 1' 50.099 N	109° 25' 13.432 W
8,216.0	0.80	110.80	8,171.7	-16.2	594.5	624,953.49	2,582,276.07	40° 1' 50.090 N	109° 25' 13.418 W
8,309.0	0.90	116.60	8,264.7	-16.7	595.7	624,952.96	2,582,277.34	40° 1' 50.085 N	109° 25' 13.401 W
8,403.0	1.00	122.40	8,358.7	-17.5	597.1	624,952.22	2,582,278.71	40° 1' 50.077 N	109° 25' 13.384 W
8,497.0	1.20	140.60	8,452.7	-18.7	598.4	624,951.06	2,582,280.05	40° 1' 50.065 N	109° 25' 13.367 W
8,590.0	1.40	149.00	8,545.6	-20.4	599.6	624,949.36	2,582,281.30	40° 1' 50.048 N	109° 25' 13.352 W
8,686.0	1.50	144.50	8,641.6	-22.4	600.9	624,947.36	2,582,282.68	40° 1' 50.028 N	109° 25' 13.334 W
8,779.0	1.70	151.70	8,734.6	-24.7	602.3	624,945.19	2,582,284.09	40° 1' 50.006 N	109° 25' 13.317 W
8,872.0	1.40	160.00	8,827.5	-26.9	603.3	624,942.93	2,582,285.18	40° 1' 49.984 N	109° 25' 13.303 W
8,966.0	1.60	149.20	8,921.5	-29.1	604.4	624,940.75	2,582,286.30	40° 1' 49.962 N	109° 25' 13.290 W
9,059.0	1.70	149.80	9,014.5	-31.4	605.7	624,938.47	2,582,287.71	40° 1' 49.939 N	109° 25' 13.272 W
9,152.0	1.40	132.50	9,107.4	-33.4	607.3	624,936.55	2,582,289.29	40° 1' 49.920 N	109° 25' 13.253 W
9,247.0	1.20	132.20	9,202.4	-34.9	608.9	624,935.14	2,582,290.92	40° 1' 49.905 N	109° 25' 13.232 W
9,343.0	1.40	139.80	9,298.4	-36.4	610.4	624,933.60	2,582,292.45	40° 1' 49.890 N	109° 25' 13.213 W
9,435.0	1.60	144.60	9,390.3	-38.3	611.8	624,931.73	2,582,293.97	40° 1' 49.871 N	109° 25' 13.194 W
9,530.0	1.80	149.50	9,485.3	-40.7	613.4	624,929.40	2,582,295.55	40° 1' 49.848 N	109° 25' 13.174 W
9,592.0	1.80	152.60	9,547.3	-42.4	614.3	624,927.72	2,582,296.53	40° 1' 49.831 N	109° 25' 13.162 W
9,646.4	1.80	152.60	9,601.7	-43.9	615.1	624,926.22	2,582,297.35	40° 1' 49.816 N	109° 25' 13.152 W
<b>PBHL #1429</b>									
9,647.0	1.80	152.60	9,602.2	-43.9	615.1	624,926.20	2,582,297.36	40° 1' 49.816 N	109° 25' 13.152 W

Projection to TD



**Company:** EOG Resources  
**Project:** Uintah County Utah  
**Site:** Chapita Well Unit 1426-1431-15D  
**Well:** CWU #1429-15DX  
**Wellbore:** #1429-15DX  
**Design:** #1429-15DX

**Local Co-ordinate Reference:** Well CWU #1429-15DX  
**TVD Reference:** True #34 @ 4859.0ft (Original Well Elev)  
**MD Reference:** True #34 @ 4859.0ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.16 Single User Db

**Targets**

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Vertical #1429 - hit/miss target - Shape - Point	0.00	0.00	4,454.0	-13.1	582.3	624,956.27	2,582,263.89	40° 1' 50.120 N	109° 25' 13.573 W
- survey misses target center by 40.3ft at 4498.9ft MD (4455.0 TVD, 21.2 N, 561.2 E)									
Price River #1429 - survey misses target center by 6.1ft at 7283.2ft MD (7239.0 TVD, -7.3 N, 584.4 E) - Circle (radius 50.0)	0.00	0.00	7,239.0	-13.1	582.3	624,956.27	2,582,263.89	40° 1' 50.120 N	109° 25' 13.573 W
PBHL #1429 - survey misses target center by 45.0ft at 9646.4ft MD (9601.7 TVD, -43.9 N, 615.1 E) - Point	0.00	0.00	9,603.0	-13.1	582.3	624,956.27	2,582,263.89	40° 1' 50.120 N	109° 25' 13.573 W

**Survey Annotations**

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
9,647.0	9,602.2	-43.9	615.1	Projection to TD

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_