

**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> CWU 813-21	
<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> 1060 East Highway 40, Vernal, UT, 84078						<b>9. OPERATOR E-MAIL</b> kaylene_gardner@eogresources.com	
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTU0336A			<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 checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>	
<b>20. LOCATION OF WELL</b>	<b>FOOTAGES</b>	<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>	
<b>LOCATION AT SURFACE</b>	587 FSL 669 FEL	SESE	21	9.0 S	23.0 E	S	
<b>Top of Uppermost Producing Zone</b>	587 FSL 669 FEL	SESE	21	9.0 S	23.0 E	S	
<b>At Total Depth</b>	587 FSL 669 FEL	SESE	21	9.0 S	23.0 E	S	
<b>21. COUNTY</b> UINTAH			<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 587			<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 1440	
			<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 1060			<b>26. PROPOSED DEPTH</b> MD: 8880 TVD: 8880	
<b>27. ELEVATION - GROUND LEVEL</b> 5113			<b>28. BOND NUMBER</b>			<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 49-225	
<b>ATTACHMENTS</b>							
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>							
<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 type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)				<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP			
<b>NAME</b> Kaylene Gardner			<b>TITLE</b> Regulatory Administrator			<b>PHONE</b> 435 781-9111	
<b>SIGNATURE</b>			<b>DATE</b> 05/13/2009			<b>EMAIL</b> kaylene_gardner@eogresources.com	
<b>API NUMBER ASSIGNED</b> 43047504020000			<b>APPROVAL</b>  Permit Manager				

**Proposed Hole, Casing, and Cement**

<b>String</b>	<b>Hole Size</b>	<b>Casing Size</b>	<b>Top (MD)</b>	<b>Bottom (MD)</b>		
Cond	20	14	0	60		
<b>Pipe</b>	<b>Grade</b>	<b>Length</b>	<b>Weight</b>			
	Unknown	60	32.5			

**Proposed Hole, Casing, and Cement**

<b>String</b>	<b>Hole Size</b>	<b>Casing Size</b>	<b>Top (MD)</b>	<b>Bottom (MD)</b>		
Prod	7.875	4.5	0	9470		
<b>Pipe</b>	<b>Grade</b>	<b>Length</b>	<b>Weight</b>			
	Grade P-110 LT&C	8880	11.6			

**Proposed Hole, Casing, and Cement**

<b>String</b>	<b>Hole Size</b>	<b>Casing Size</b>	<b>Top (MD)</b>	<b>Bottom (MD)</b>		
Surf	12.25	9.625	0	2300		
<b>Pipe</b>	<b>Grade</b>	<b>Length</b>	<b>Weight</b>			
	Grade J-55 ST&C		36.0			

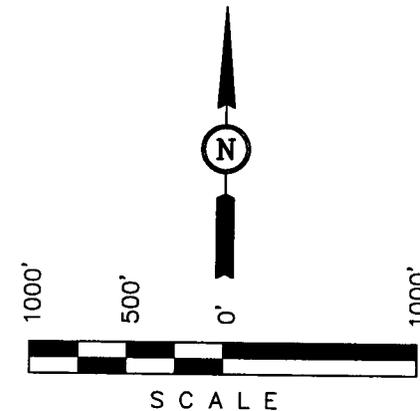
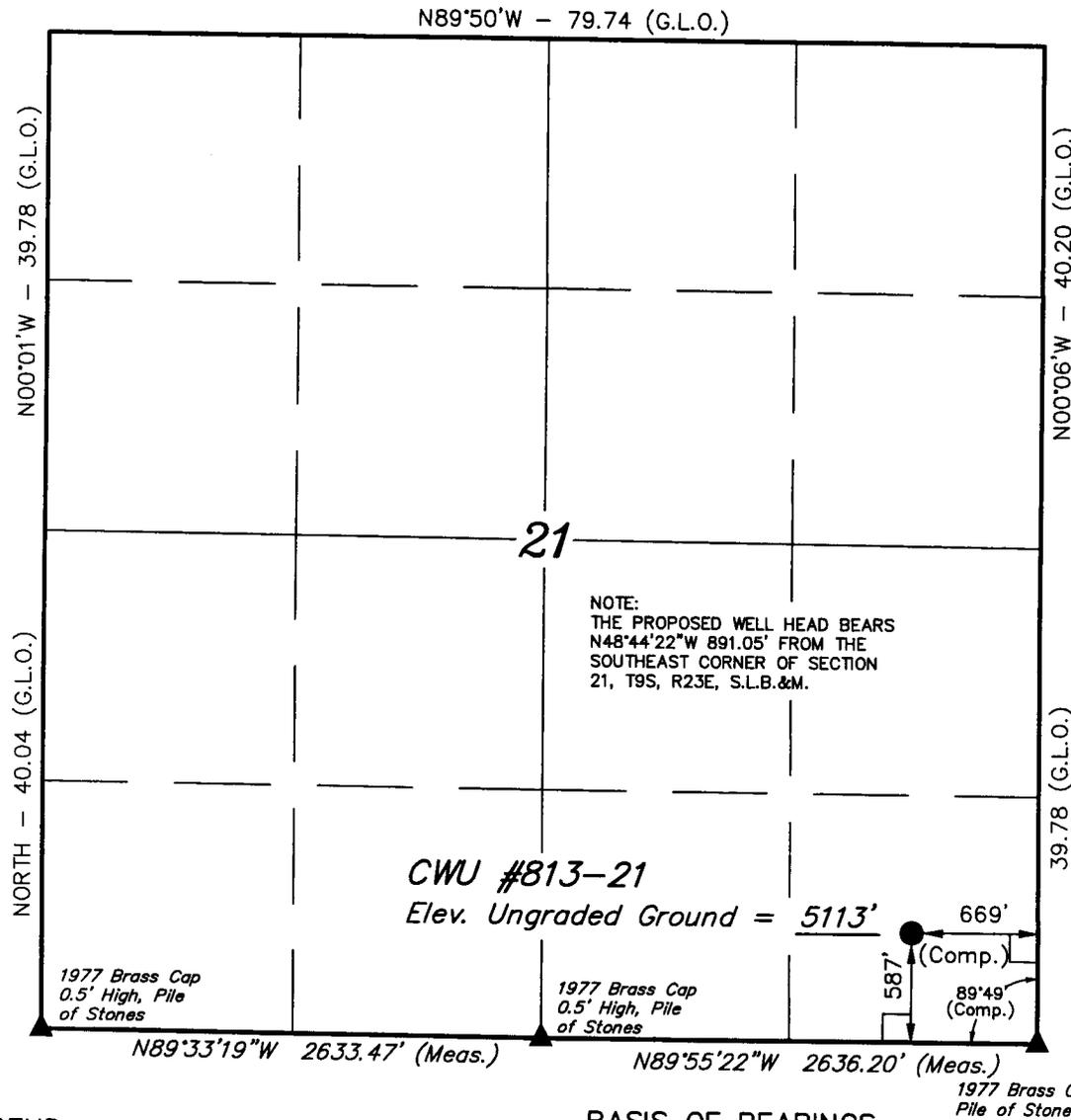
# T9S, R23E, S.L.B.&M.

EOG RESOURCES, INC.

Well location, CWU #813-21, located as shown in the SE 1/4 SE 1/4 of Section 21, T9S, R23E, S.L.B.&M. Uintah County, Utah.

## BASIS OF ELEVATION

BENCH MARK 57EAM LOCATED IN THE NE 1/4 OF SECTION 29, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH 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 5192 FEET.



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.

ROBERT L. [Signature]

REGISTERED LAND SURVEYOR  
STATE OF UTAH

### LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

### BASIS OF BEARINGS

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

LATITUDE = 40°00'57"

LONGITUDE = 109°19'27"

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b>		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 11-15-01	DATE DRAWN: 12-05-01
PARTY D.A.    J.A.    D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE EOG RESOURCES, INC.	

APR 11 2004 10:40:20 AM

**DRILLING PLAN**

**CHAPITA WELLS UNIT 813-21**  
**SE/SE, SEC. 21, T9S, R23E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

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

<b>FORMATION</b>	<b>TVD-RKB (ft)</b>	<b>Objective</b>	<b>Lithology</b>	
Green River	1,570		Shale	
Birdsnest Zone	1,695		Dolomite	
Mahogany Oil Shale Bed	2,203		Shale	
Wasatch	4,453		Sandstone	
Chapita Wells	5,022		Sandstone	
Buck Canyon	5,676		Sandstone	
North Horn	6,251		Sandstone	
KMV Price River	6,574	Primary	Sandstone	Gas
KMV Price River Middle	7,374	Primary	Sandstone	Gas
KMV Price River Lower	8,150	Primary	Sandstone	Gas
Sego	8,681		Sandstone	
<b>TD</b>	<b>8,880</b>			

**Estimated TD: 8,880' or 200'± below TD**

**Anticipated BHP: 4,849 Psig**

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

**3. PRESSURE CONTROL EQUIPMENT:**

Production Hole – 5000 Psig  
 BOP schematic diagrams attached.

**4. CASING PROGRAM:**

<b>CASING</b>	<b>Hole Size</b>	<b>Length</b>	<b>Size</b>	<b>WEIGHT</b>	<b>Grade</b>	<b>Thread</b>	<b>Rating Collapse</b>	<b>Factor Burst</b>	<b>Tensile</b>
Conductor	20"	0 – 60'	14"	32.5#	A-252	STC		1,880 PSI	10,000#
Surface	12 1/4"	0-2,300 KB±	9 5/8"	36.0#	J-55	STC	2020 PSI	3520 PSI	394,00#
Production	7-7/8"	Surface – TD	4-1/2"	11.6#	P-110	LTC	7560 PSI	10,690 Psi	279,000#

**Note:** 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" 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**

**CHAPITA WELLS UNIT 813-21**  
**SE/SE, SEC. 21, T9S, R23E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**5. Float Equipment:**

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

Guide Shoe  
Insert Float Collar (PDC drillable)  
Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 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. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. 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'±):**

Air/air mist or aerated water.

**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**

**CHAPITA WELLS UNIT 813-21**  
**SE/SE, SEC. 21, T9S, R23E, 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

- 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).
- 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.
- 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.
- 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).
- 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:**

**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 GR**

**DRILLING PLAN**

**CHAPITA WELLS UNIT 813-21**  
**SE/SE, SEC. 21, T9S, R23E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**9. CEMENT PROGRAM:**

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

- Lead: 185 sks** Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl<sub>2</sub>, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.
- Tail: 207 sks** Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.
- Top Out:** As necessary with Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.
- Note:** Cement volumes will be calculated to bring lead cement to surface and tail cement to 500' above the casing shoe.

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

- Lead: 118 sks:** Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.
- Tail: 860 sks:** 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.
- Note:** The above number of sacks is based on gauge-hole calculation.  
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.  
Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

**Final Cement volumes will be based upon gauge-hole plus 45% excess.**

**DRILLING PLAN**

**CHAPITA WELLS UNIT 813-21**  
**SE/SE, SEC. 21, T9S, R23E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**10. ABNORMAL CONDITIONS:**

**Surface Hole (Surface - 2300'±):**

Lost circulation

**Production Hole (2300'± - TD):**

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

**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:**

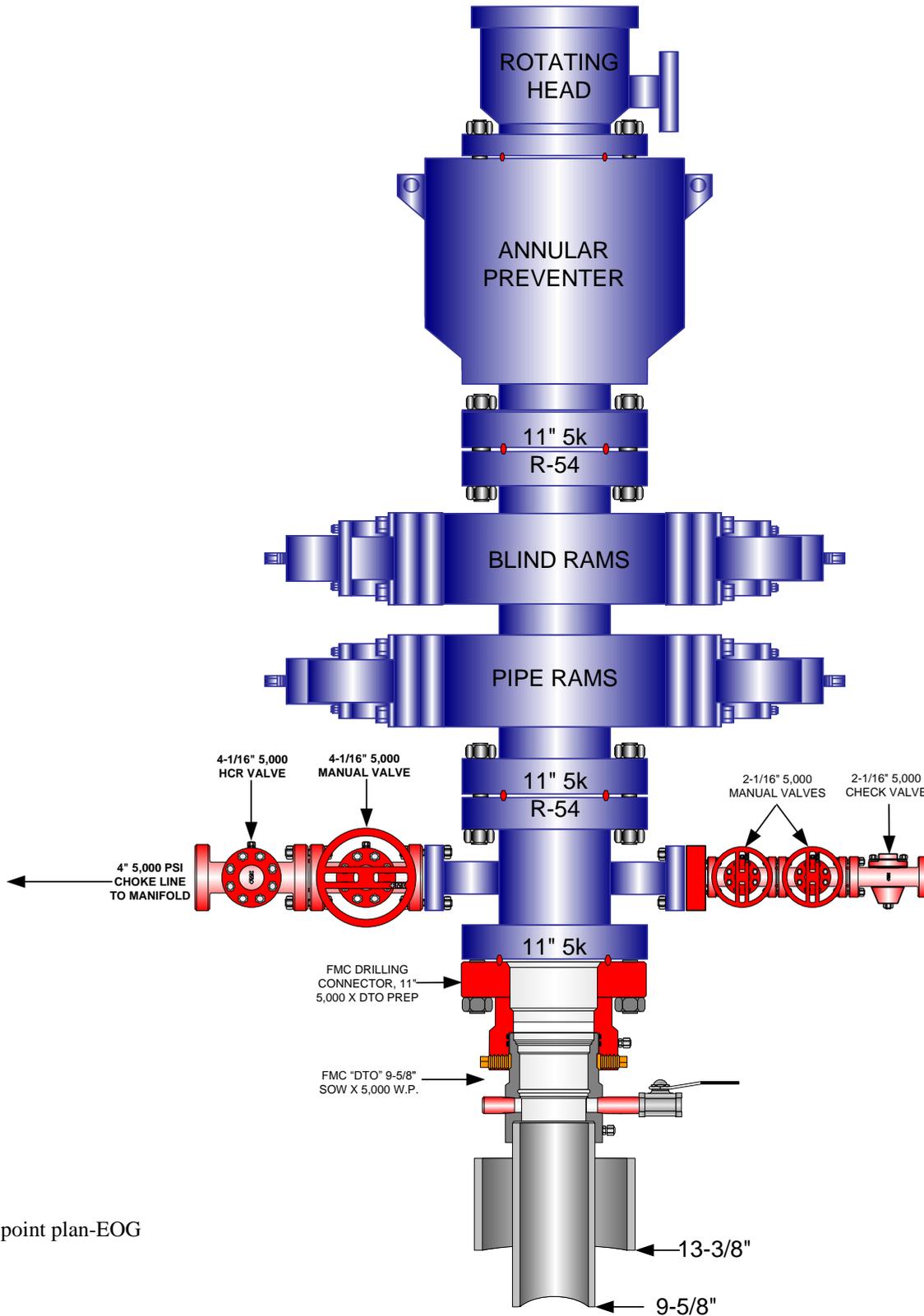
1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as 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)**

**DRILLING PLAN**

**CHAPITA WELLS UNIT 813-21**  
**SE/SE, SEC. 21, T9S, R23E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

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

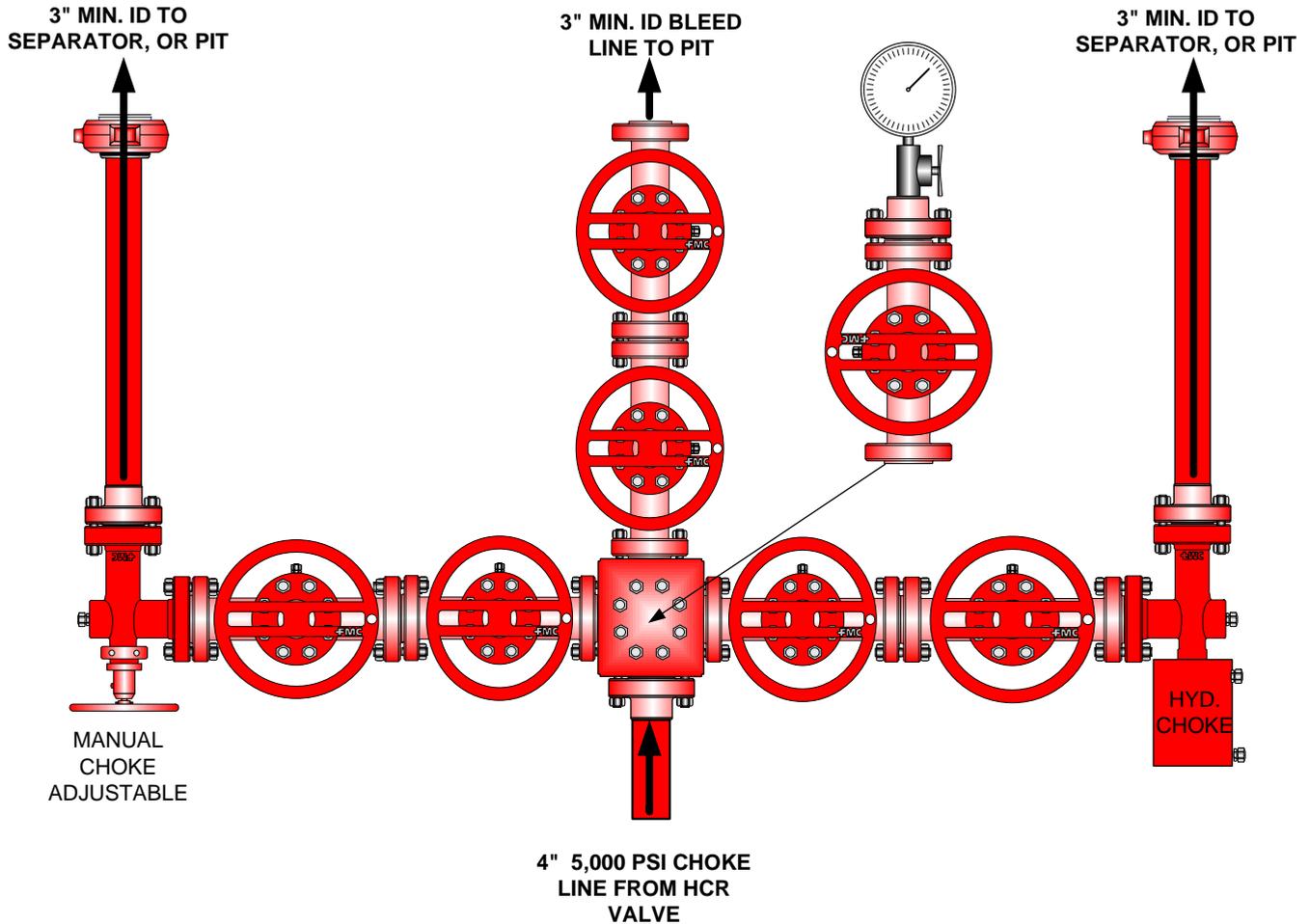


**DRILLING PLAN**

**CHAPITA WELLS UNIT 813-21**  
**SE/SE, SEC. 21, T9S, R23E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**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, w

4. hichever is greater.
5. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

# EOG RESOURCES, INC.

CWU #813-21

SECTION 21, T9S, R23E, 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 A 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, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 2.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 1.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; PROCEED IN A SOUTHEASTERLY, THEN EASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 2.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY THEN EASTERLY THEN NORTHEASTERLY DIRECTION APPROXIMATELY 2.6 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 55.4 MILES.

# EOG RESOURCES, INC.

## CWU #813-21

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 21, T9S, R23E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

**UELS** Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

12	11	01
MONTH	DAY	YEAR

PHOTO

TAKEN BY: D.A.	DRAWN BY: K.G.	REVISED: 00-00-00
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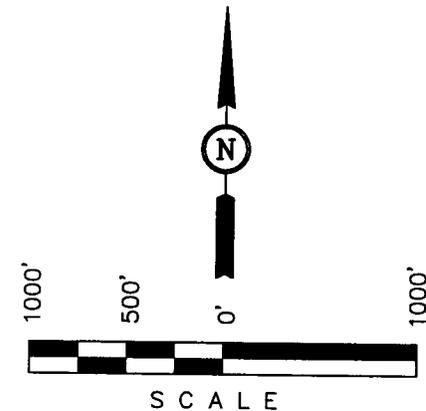
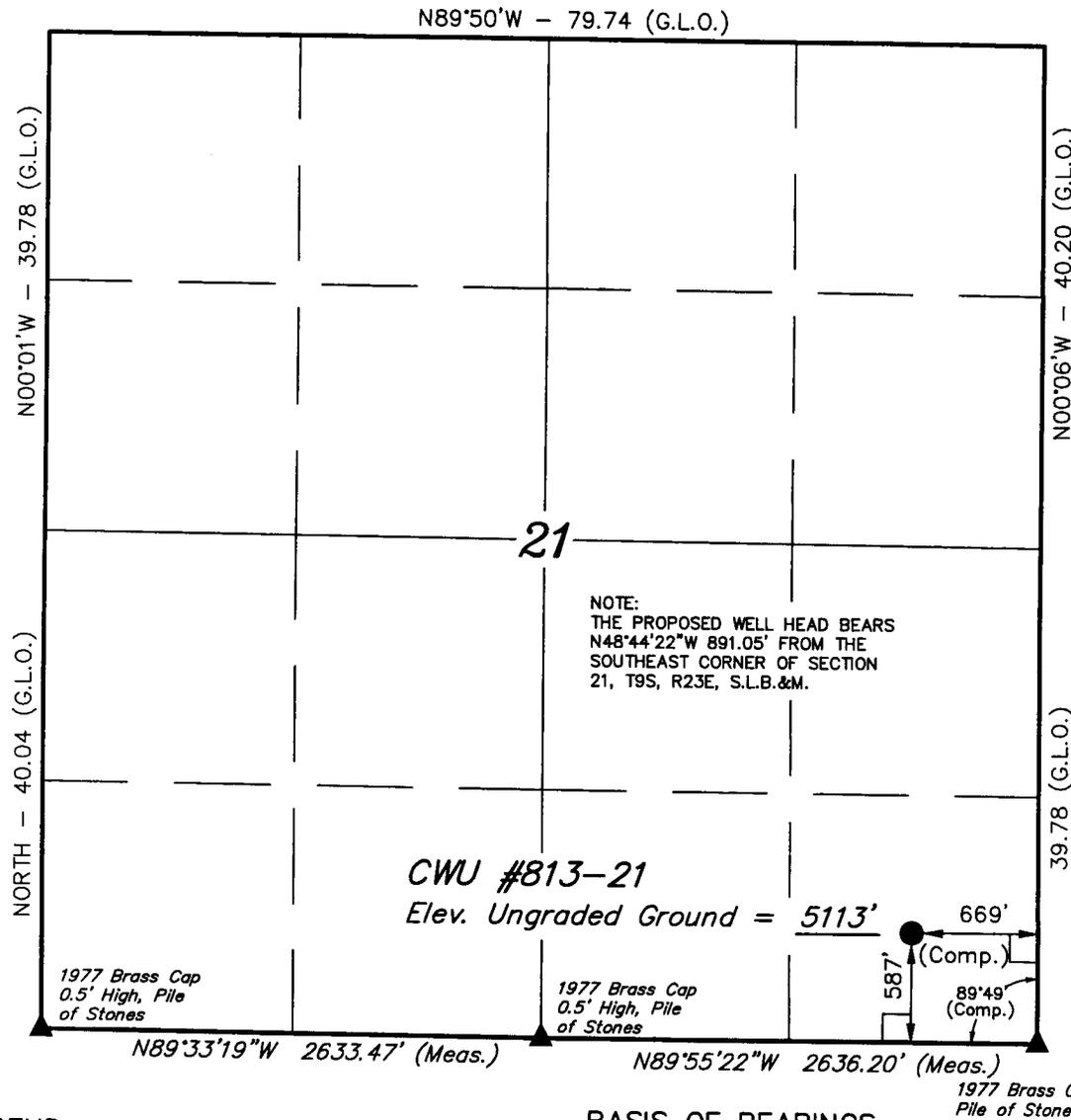
# T9S, R23E, S.L.B.&M.

EOG RESOURCES, INC.

Well location, CWU #813-21, located as shown in the SE 1/4 SE 1/4 of Section 21, T9S, R23E, S.L.B.&M. Uintah County, Utah.

## BASIS OF ELEVATION

BENCH MARK 57EAM LOCATED IN THE NE 1/4 OF SECTION 29, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH 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 5192 FEET.



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ROBERT L. [Signature]

REGISTERED LAND SURVEYOR  
STATE OF UTAH

### LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

### BASIS OF BEARINGS

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

LATITUDE = 40°00'57"

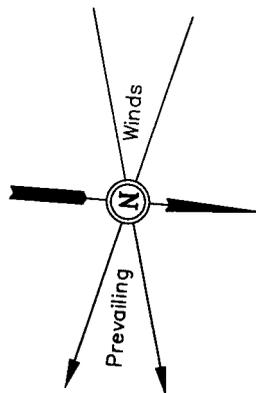
LONGITUDE = 109°19'27"

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b>		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 11-15-01	DATE DRAWN: 12-05-01
PARTY D.A.    J.A.    D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE EOG RESOURCES, INC.	

EOG RESOURCES, INC.

LOCATION LAYOUT FOR

CWU #813-21  
SECTION 21, T9S, R23E, S.L.B.&M.  
587' FSL 669' FEL



F-0.8'  
El. 110.1'

F-4.4'  
El. 106.5'  
Topsoil Stockpile

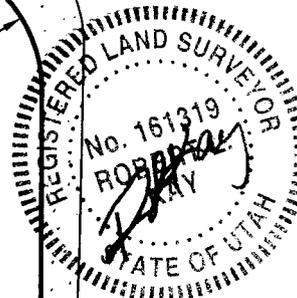
F-7.4'  
El. 103.5'

SCALE: 1" = 50'  
DATE: 12-05-01  
Drawn By: D.R.B.

Approx. Top of Cut Slope

Round Corners as needed

Sta. 3+25



NOTE:

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

El. 115.0'  
C-12.1'  
(btm. pit)

FLARE PIT

20' WIDE BENCH

C-7.2'  
El. 118.1'

C-2.0'  
El. 112.9'

Sta. 1+50

F-4.2'  
El. 106.7'

15' WIDE BENCH

RESERVE PITS  
(8' Deep)

Pit Capacity  
With 2' of  
Freeboard is  
± 3,490 Bbls.

Sta. 0+12

C-4.9'  
El. 115.8'

RIG DOG HOUSE

135'

TRAILER

TOILET

Approx. Toe of Fill Slope

PUMP

MUD SHED

HOPPER

POWER

TOOLS

FUEL

STORAGE TANK

Sta. 0+00

El. 115.5'  
C-12.6'  
(btm. pit)

20' WIDE BENCH

El. 112.9'  
C-2.0'

Reserve Pit Backfill & Spoils Stockpile

El. 111.8'  
C-0.9'

El. 111.8'

F-1.4'  
El. 109.5'

Proposed Access Road

Elev. Ungraded Ground at Location Stake = 5112.9'  
Elev. Graded Ground at Location Stake = 5110.9'

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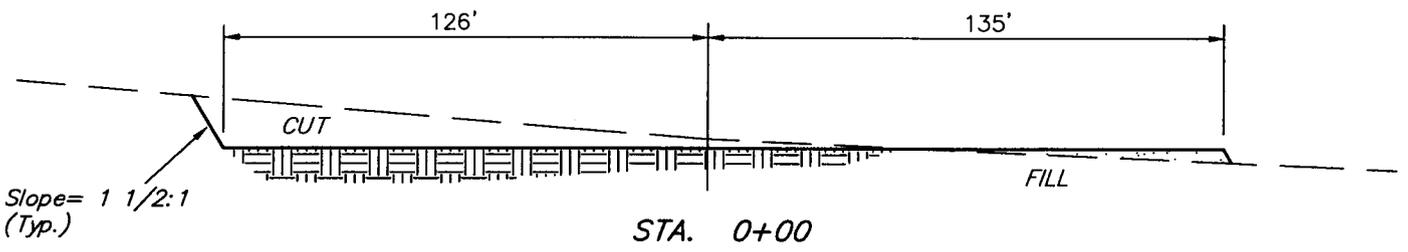
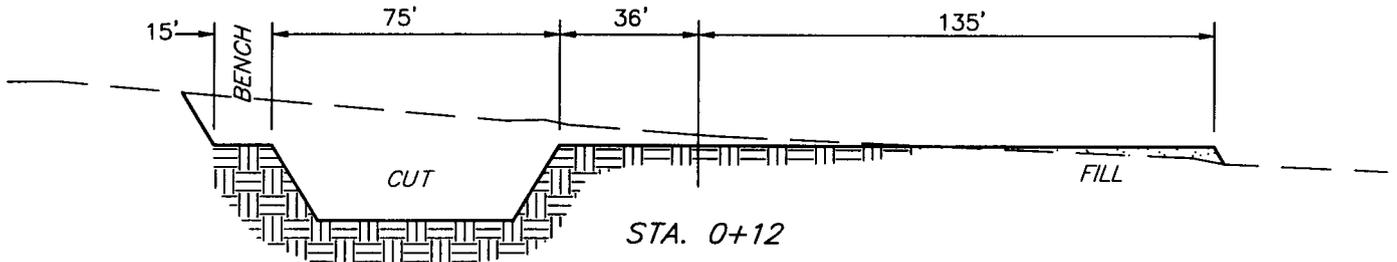
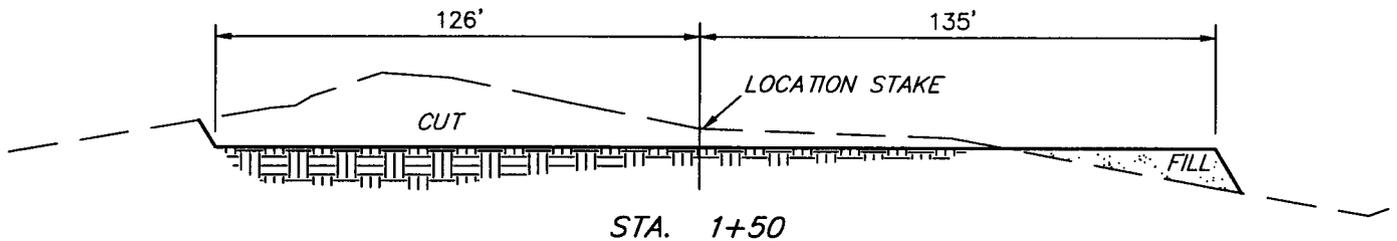
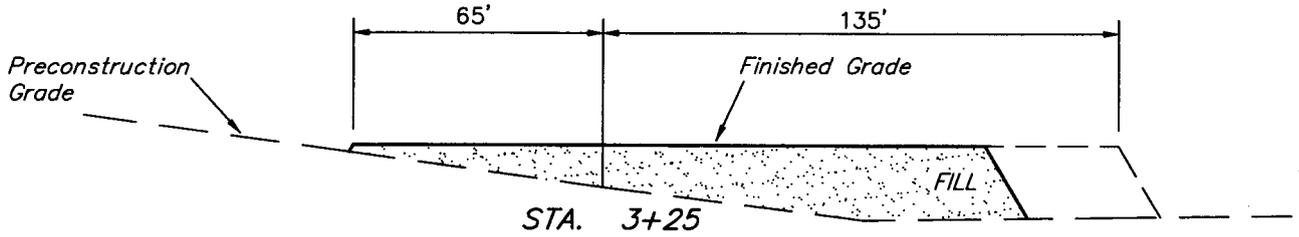
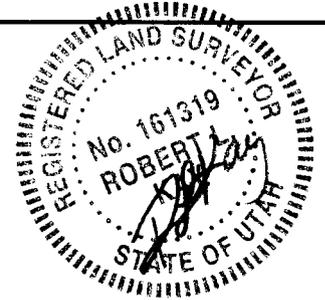
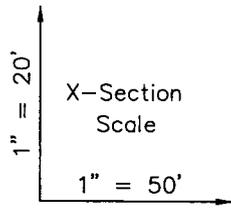
EOG RESOURCES, INC.

TYPICAL CROSS SECTIONS FOR

CWU #813-21

SECTION 21, T9S, R23E, S.L.B.&M.

587' FSL 669' FEL

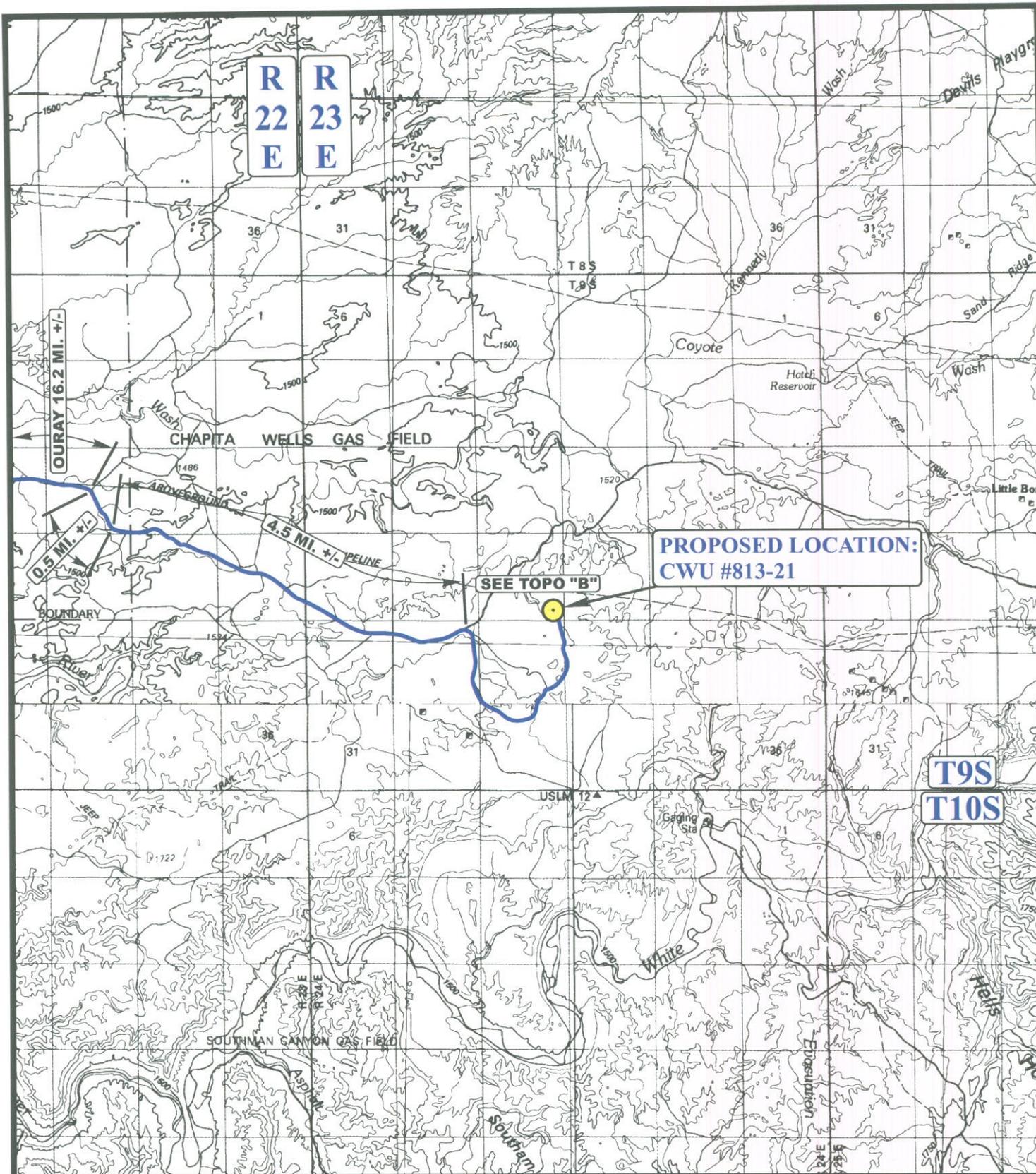


APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	1,430 Cu. Yds.
Remaining Location	=	6,530 Cu. Yds.
<b>TOTAL CUT</b>	<b>=</b>	<b>7,960 CU.YDS.</b>
<b>FILL</b>	<b>=</b>	<b>5,000 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	=	2,700 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	2,700 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0 Cu. Yds.

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**PROPOSED LOCATION:  
CWU #813-21**

**SEE TOPO "B"**

**LEGEND:**

 **PROPOSED LOCATION**



**EOG RESOURCES, INC.**

**CWU #813-21  
SECTION 21, T9S, R23E, S.L.B.&M.  
587' FSL 669' FEL**



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

**TOPOGRAPHIC  
MAP**

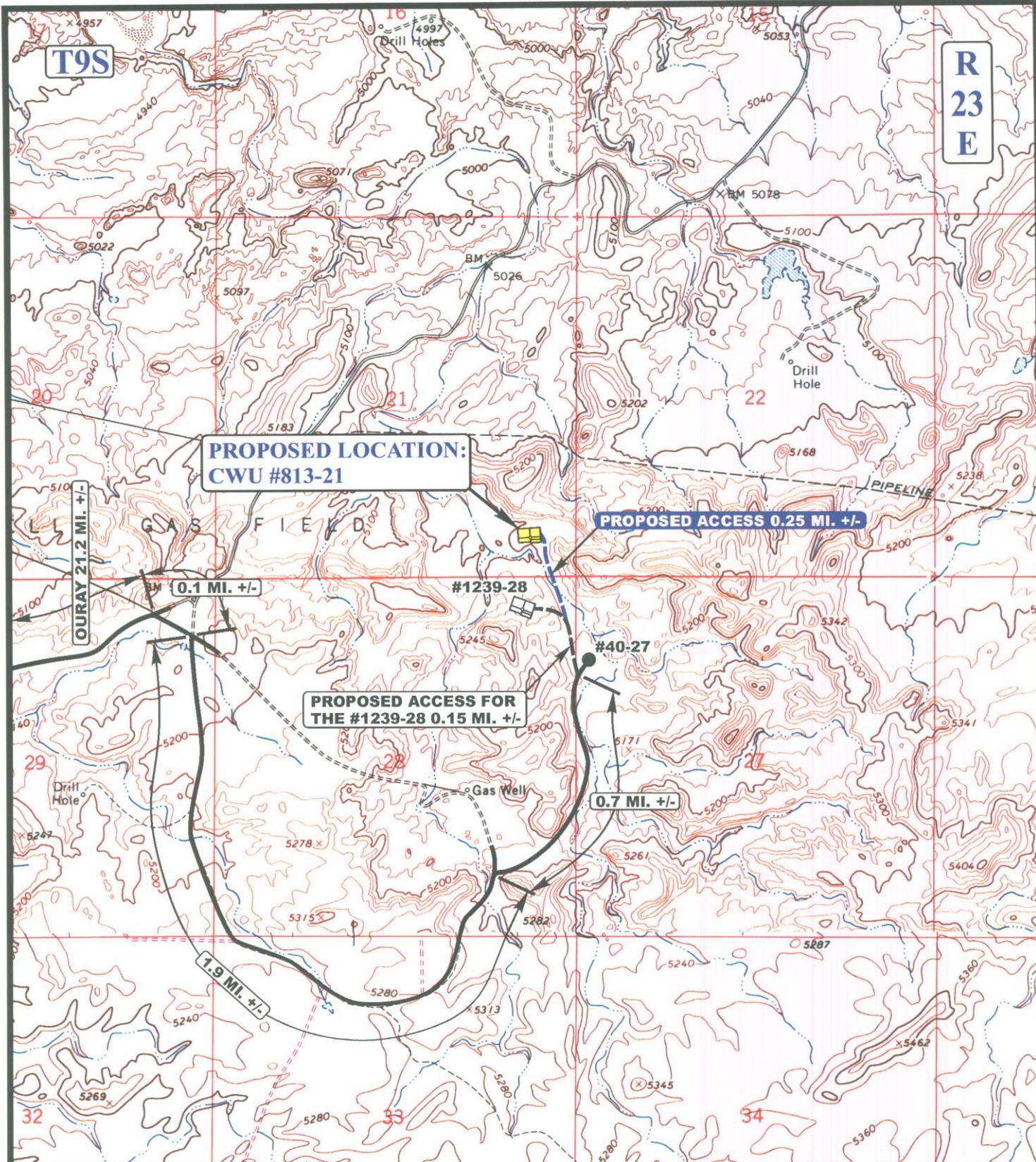
**12 11 01**  
MONTH DAY YEAR

SCALE: 1:100,000

DRAWN BY: K.G.

REVISED: 05-09-06C.P.





**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD



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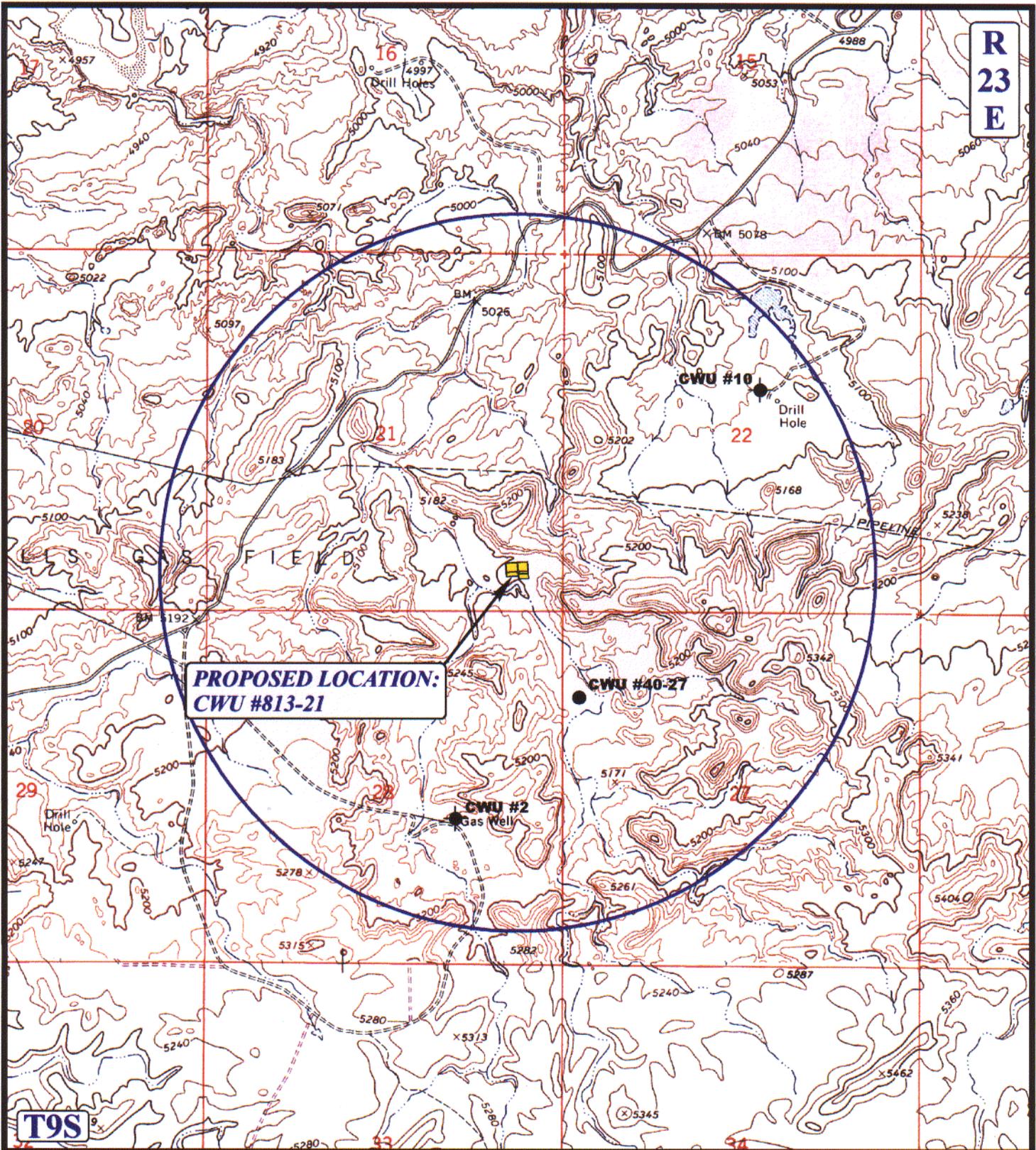


**EOG RESOURCES, INC.**

**CWU #813-21**  
**SECTION 21, T9S, R23E, S.L.B.&M.**  
**587' FSL 669' FEL**

<b>TOPOGRAPHIC MAP</b>	<b>12</b>	<b>11</b>	<b>01</b>
	MONTH	DAY	YEAR
SCALE: 1" = 2000'	DRAWN BY: K.G.		REVISED: 05-09-06C.P.





**R  
23  
E**

**PROPOSED LOCATION:  
CWU #813-21**

**T9S**

**LEGEND:**

- ⊙ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ⊙ WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



**EOG RESOURCES, INC.**

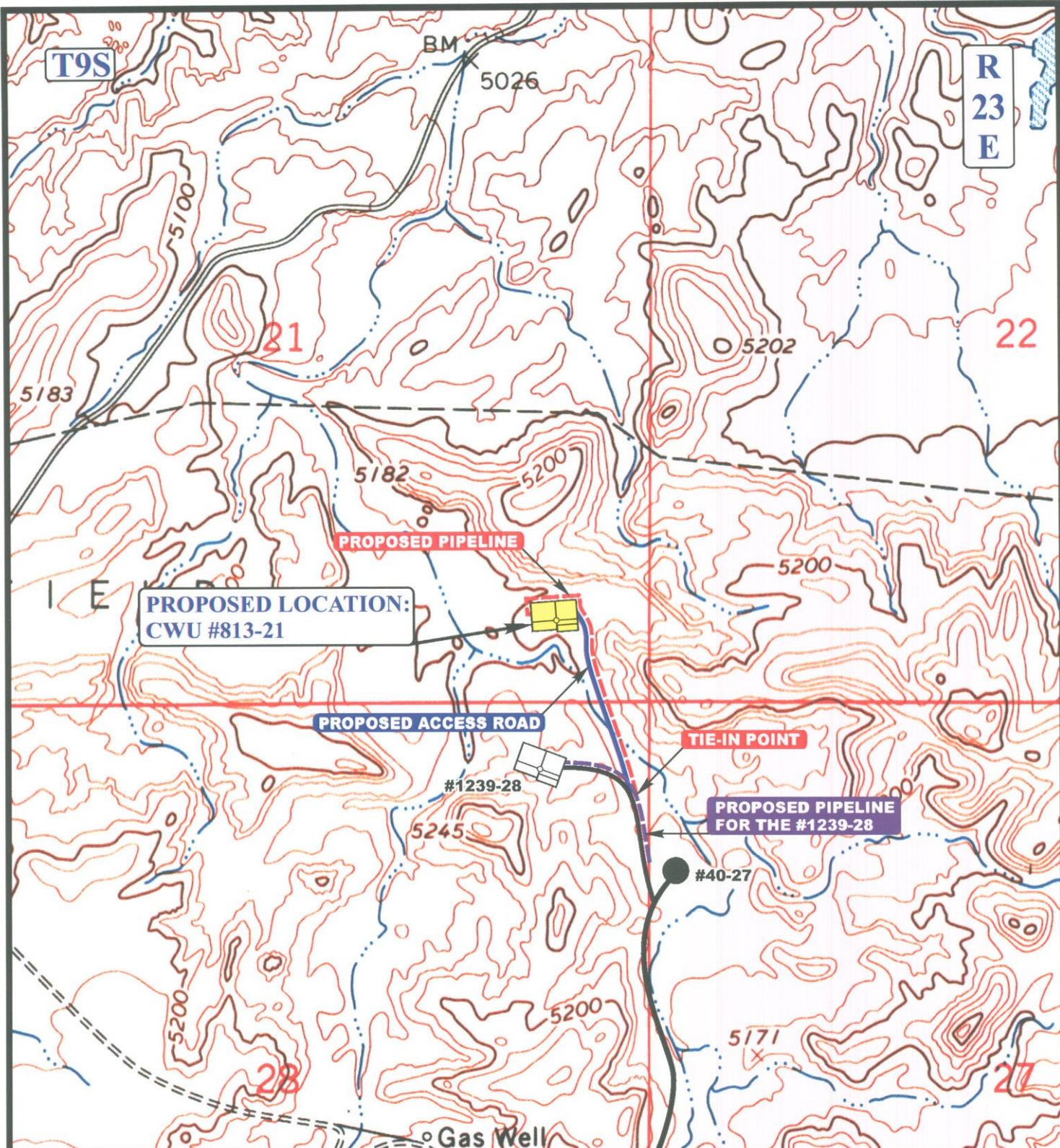
**CWU #813-21  
SECTION 21, T9S, R23E, S.L.B.&M.  
587' FSL 669' FEL**



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

**TOPOGRAPHIC MAP** **12 11 01**  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 00-00-00





**APPROXIMATE TOTAL PIPELINE DISTANCE = 1,936' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- - - - - PROPOSED PIPELINE
- - - - - PROPOSED PIPELINE (SERVICING OTHER WELLS)

**EOG RESOURCES, INC.**

**CWU #813-21  
SECTION 21, T9S, R23E, S.L.B.&M.  
587' FSL 669' FEL**



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



**TOPOGRAPHIC MAP** 12 11 01  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 05-09-06C.P.





***Chapita Wells Unit 813-21  
SESE, Section 21, T9S, R23E  
Uintah County, Utah***

***SURFACE USE PLAN***

The well pad is approximately 325 feet long with a 246-foot width, containing 1.84 acres more or less. The well access road is approximately 1320 feet long with a 30-foot right-of-way, disturbing approximately 0.91 acre. New surface disturbance associated with the well pad and access road is estimated to be 2.75 acres. The pipeline is approximately 1936 feet long with a 40-foot temporary right-of-way and an 8-foot permanent right-of-way disturbing approximately 0.36 acre.

***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 55.4 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 1320' in length; culverts will be installed on an as-needed basis. See attached Topo B.
- B. The access road has a 30-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 30-foot permanent right-of-way is requested. No surfacing material will be used.
- 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 30-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 30-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, Fourth 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.

The entire length of the proposed access road and pipeline are located within the Chapita Wells Unit. An offlease, Unit, right-of-way will not be required.

**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 associated pipe.
2. Gas gathering lines – A 4” gathering line will be buried from the dehy unit to the edge of the location.

**B. Off Well Pad**

1. Proposed pipeline will transport natural gas.
2. The pipeline will be a permanent feeder line.
3. The length of the proposed pipeline right-of-way is 1936' x 8'. The proposed pipeline leaves the western edge of the well pad (Lease UTU0336A) proceeding in a southerly direction for an approximate distance of 1100' to Section 28, T9S, R23E proceeding for an approximate distance of 836', tying into an existing pipeline in the NENE of Section 28, T9S, R23E, authorized under existing Application for Permit to Drill for Chapita Wells Unit 1239-28. Pipe will be 4” NOM, 0.156 wall, Grade X42, Zap-Lock, electric weld with a 35 mil X-Tru coating.
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. An 8-foot permanent pipeline right-of-way is requested. A 40-foot temporary pipeline right-of-way for construction purposes is requested, the temporary right-of-way will be utilized for a 10-day period.
7. The proposed pipeline route begins in the SESE of Section 21, Township 9S, Range 23E, proceeding northerly for an approximate distance of 1936' to the NENE of Section 28, Township 9S, Range 23E.
8. 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 Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT (State Water Right # 49-225(A31368)).
- 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 in the reserve pit.
  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 evaporating in the reserve pit, through natural or artificial methods, or removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt, and a 16-millimeter plastic liner. Sufficient bedding (i.e. weed free straw, or hay; felt; polyswell or soil) will be used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the Authorized Officer (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 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.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the southeast corner of the location. The flare pit will be located downwind of the prevailing wind direction on the south side of the location, a minimum of 100 feet from the wellhead and 30 feet from the reserve pit fence.

The stockpiled pit topsoil (first six inches) will be stored separate from the location topsoil north of corner #5. The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protection 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 east.

**FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

**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 reserve pit and that portion of the location not needed for production facilities/operations will be reseeded during interim reclamation. The reserve pit will be reclaimed within 6 months from the date of the well completion, or as soon as weather allows. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

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.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
HyCrest Wheatgrass	5.0
Shadscale	4.0
Prostrate Kochia	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 appropriate final reclamation conditions of approval.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
Wyoming Big Sage	1.0
Shadscale	4.0
Needle and Threadgrass	4.0
HyCrest Wheatgrass	2.0
Scarlet Globe Mallow	1.0

\*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.

**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 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 rights-of-way for

roads, pipelines, well sites, or other applicable facilities. Prior to the application of herbicides or other pesticides or possible hazardous chemicals A Pesticide Use proposal shall be submitted for BLM approval.

- 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.
- 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 to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources survey was conducted and submitted by Montgomery Archaeological Consultants MOAC report # 06-323 on July 18, 2006. A paleontological survey was conducted and submitted by Intermountain Paleo report # 06-204 on August 16, 2006.

**Additional Surface Stipulations:**

None

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

**PERMITTING AGENT**

Kaylene R. Gardner  
EOG Resources, Inc.  
1060 East Highway 40  
Vernal, UT 84078  
(435) 781-9111

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.

**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 813-21 well, located in the SESE, of Section 21, T9S, R23E, 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.

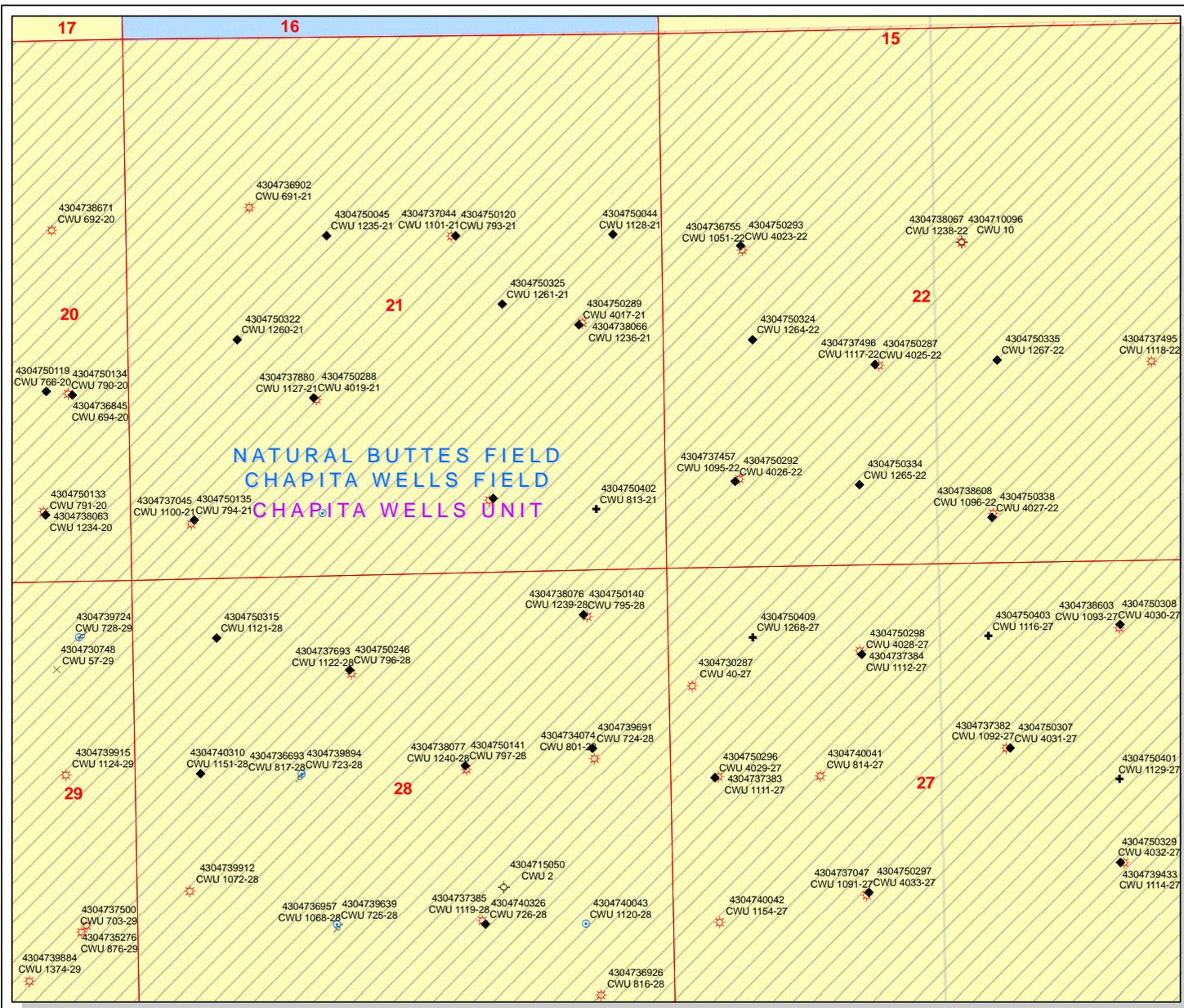
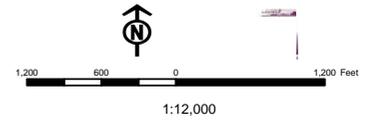
May 5, 2009 \_\_\_\_\_  
Date

\_\_\_\_\_  
Kaylene R. Gardner, Regulatory Administrator

API Number: 4304750402  
Well Name: CWU 813-21  
Township 09.0 S Range 23.0 E Section 21  
Meridian: SLBM  
Operator: EOG RESOURCES, INC.

Map Prepared:  
Map Produced by Diana Mason

<b>Units</b>	<b>Wells Query Events</b>
<b>STATUS</b>	<b>GIS_STAT_TYPE</b>
ACTIVE	<Null>
EXPLORATORY	APD
GAS STORAGE	DRL
NF PP OIL	GI
NF SECONDARY	GS
PI OIL	LA
PP GAS	NEW
PP GEOTHERMIL	OPS
PP OIL	PA
SECONDARY	PGW
TERMINATED	POW
<b>Fields</b>	RET
ACTIVE	SGW
COMBINED	SOW
Sections	TA
	TW
	WD
	WI
	WS



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

May 8, 2009

Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2009 Plan of Development Chapita Wells Unit Uintah  
County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2009 within the Chapita Wells Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Mesaverde)		
43-047-50399	CWU 1198-20 Sec 20 T09S R23E 2039 FSL 0640 FWL	
43-047-50400	CWU 1137-19 Sec 19 T09S R23E 1781 FSL 2174 FEL	
43-047-50401	CWU 1129-27 Sec 27 T09S R23E 2170 FNL 0850 FEL	
43-047-50402	CWU 813-21 Sec 21 T09S R23E 0587 FSL 0669 FEL	
43-047-50403	CWU 1116-27 Sec 27 T09S R23E 0737 FNL 2113 FEL	
43-047-50405	CWU 1113-27 Sec 27 T09S R23E 0472 FSL 1820 FEL	
43-047-50409	CWU 1268-27 Sec 27 T09S R23E 0702 FNL 0850 FWL	
43-047-50410	CWU 1449-30 Sec 30 T09S R23E 0010 FNL 2630 FEL	
43-047-50411	CWU 1450-30 Sec 30 T09S R23E 0010 FNL 1110 FEL	
43-047-50412	CWU 1451-30 Sec 30 T09S R23E 0276 FNL 0057 FEL	
43-047-50413	CWU 1448-20 Sec 20 T09S R23E 1308 FSL 0445 FWL	

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Chapita Wells Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:5-8-09

# WORKSHEET APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 5/6/2009

**API NO. ASSIGNED:** 43047504020000

**WELL NAME:** CWU 813-21

**OPERATOR:** EOG Resources, Inc. (N9550)

**PHONE NUMBER:** 435 781-9111

**CONTACT:** Kaylene Gardner

**PROPOSED LOCATION:** SESE 21 090S 230E

**Permit Tech Review:**

**SURFACE:** 0587 FSL 0669 FEL

**Engineering Review:**

**BOTTOM:** 0587 FSL 0669 FEL

**Geology Review:**

**COUNTY:** UINTAH

**LATITUDE:** 40.01587

**LONGITUDE:** -109.32419

**UTM SURF EASTINGS:** 643021.00

**NORTHINGS:** 4430653.00

**FIELD NAME:** NATURAL BUTTES

**LEASE TYPE:** 1 - Federal

**LEASE NUMBER:** UTU0336A

**PROPOSED PRODUCING FORMATION(S):** SEGO

**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**

**Commingle 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

**Stipulations:** 4 - Federal Approval - dmason



JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*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:** CWU 813-21  
**API Well Number:** 43047504020000  
**Lease Number:** UTU0336A  
**Surface Owner:** FEDERAL  
**Approval Date:** 5/13/2009

### Issued to:

EOG Resources, Inc., 1060 East Highway 40, Vernal, UT 84078

### 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.

### Notification Requirements:

Notify the Division with 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

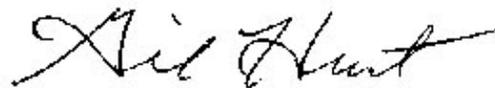
### Reporting Requirements:

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7),

API Well No: 43047504020000

Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**Approved By:**

A handwritten signature in black ink, appearing to read "Gil Hunt". The signature is written in a cursive style with a long horizontal stroke at the end.

Gil Hunt  
Associate Director, Oil & Gas

<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> UTU0336A
	<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> CWU 813-21
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047504020000
<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078	<b>PHONE NUMBER:</b> 435 781-9111 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0587 FSL 0669 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 21 Township: 09.0S Range: 23.0E 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 checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 5/6/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> 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"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

EOG Resources, Inc. respectfully requests the APD for the referenced well be extended for one year.

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

Date: May 10, 2010

By: 

<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> 5/6/2010	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047504020000

API: 43047504020000

Well Name: CWU 813-21

Location: 0587 FSL 0669 FEL QTR SESE SEC 21 TWP 090S RNG 230E MER S

Company Permit Issued to: EOG RESOURCES, INC.

Date Original Permit Issued: 5/13/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?  Yes  No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?  Yes  No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes  No
- Has the approved source of water for drilling changed?  Yes  No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?  Yes  No
- Is bonding still in place, which covers this proposed well?  Yes  No

Approved by the Utah Division of Oil, Gas and Mining

Signature: Mickenzie Gates Date: 5/6/2010 Title: Operations Clerk Representing: EOG RESOURCES, INC.

Date: May 10, 2010 By: [Signature]

<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> UTU0336A
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<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> CWU 813-21
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047504020000
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
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<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input checked="" type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b> <input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE
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<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

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

EOG Resources, Inc. respectfully requests authorization to change the Drilling Plan as per the attached. Conductor size: Item 4 Float Equipment: Item 5 Logs: Item 8 Please see the attached revised Drilling Plan reflecting the purposed changes.

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

Date: June 03, 2010  
By: *Dan K. [Signature]*

<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> 5/24/2010	

**DRILLING PLAN**

**CHAPITA WELLS UNIT 813-21**  
**SE/SE, SEC. 21, T9S, R23E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

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

<b>FORMATION</b>	<b>TVD-RKB (ft)</b>	<b>Objective</b>	<b>Lithology</b>	
Green River	1,570		Shale	
Birdsnest Zone	1,695		Dolomite	
Mahogany Oil Shale Bed	2,203		Shale	
Wasatch	4,453		Sandstone	
Chapita Wells	5,022		Sandstone	
Buck Canyon	5,676		Sandstone	
North Horn	6,251		Sandstone	
KMV Price River	6,574	Primary	Sandstone	Gas
KMV Price River Middle	7,374	Primary	Sandstone	Gas
KMV Price River Lower	8,150	Primary	Sandstone	Gas
Sego	8,681		Sandstone	
<b>TD</b>	<b>8,880</b>			

**Estimated TD: 8,880' or 200'± below TD**

**Anticipated BHP: 4,849 Psig**

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

**3. PRESSURE CONTROL EQUIPMENT:**

Production Hole – 5000 Psig  
BOP schematic diagrams attached.

**4. CASING PROGRAM:**

<b>CASING</b>	<b>Hole Size</b>	<b>Length</b>	<b>Size</b>	<b>WEIGHT</b>	<b>Grade</b>	<b>Thread</b>	<b>Rating Collapse</b>	<b>Factor Burst</b>	<b>Tensile</b>
Conductor	20"	0 – 60'	14"	32.5#	A-252	STC		1,880 PSI	10,000#
Surface	12 1/4"	0-2,300 KB±	9 5/8"	36.0#	J-55	STC	2020 PSI	3520 PSI	394,00#
Production	7-7/8"	Surface – TD	4-1/2"	11.6#	P-110	LTC	7560 PSI	10,690 Psi	279,000#

**Note:** 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" 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

### CHAPITA WELLS UNIT 813-21 SE/SE, SEC. 21, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

#### 5. Float Equipment:

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

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

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

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 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. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 3<sup>rd</sup> joint to 400' above the top of primary object. 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'±):

Air/air mist or aerated water.

##### 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**

**CHAPITA WELLS UNIT 813-21**  
**SE/SE, SEC. 21, T9S, R23E, 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**

- 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).
- 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.
- 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.
- 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).
- 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:**

**Cased-hole Logs:** Cased-hole logs will be run in lieu of open-hole logs consisting of the following:  
**CBL/CCL/VDL/GR**

## DRILLING PLAN

### CHAPITA WELLS UNIT 813-21 SE/SE, SEC. 21, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

#### 9. CEMENT PROGRAM:

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

- Lead: 185 sks** Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl<sub>2</sub>, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.
- Tail: 207 sks** Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.
- Top Out:** As necessary with Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.
- Note:** Cement volumes will be calculated to bring lead cement to surface and tail cement to 500' above the casing shoe.

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

- Lead: 118 sks:** Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.
- Tail: 860 sks:** 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.
- Note:** The above number of sacks is based on gauge-hole calculation.  
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.  
Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

## **DRILLING PLAN**

### **CHAPITA WELLS UNIT 813-21** **SE/SE, SEC. 21, T9S, R23E, S.L.B.&M.,** **UINTAH COUNTY, UTAH**

#### **10. ABNORMAL CONDITIONS:**

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

Lost circulation

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

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

#### **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:**

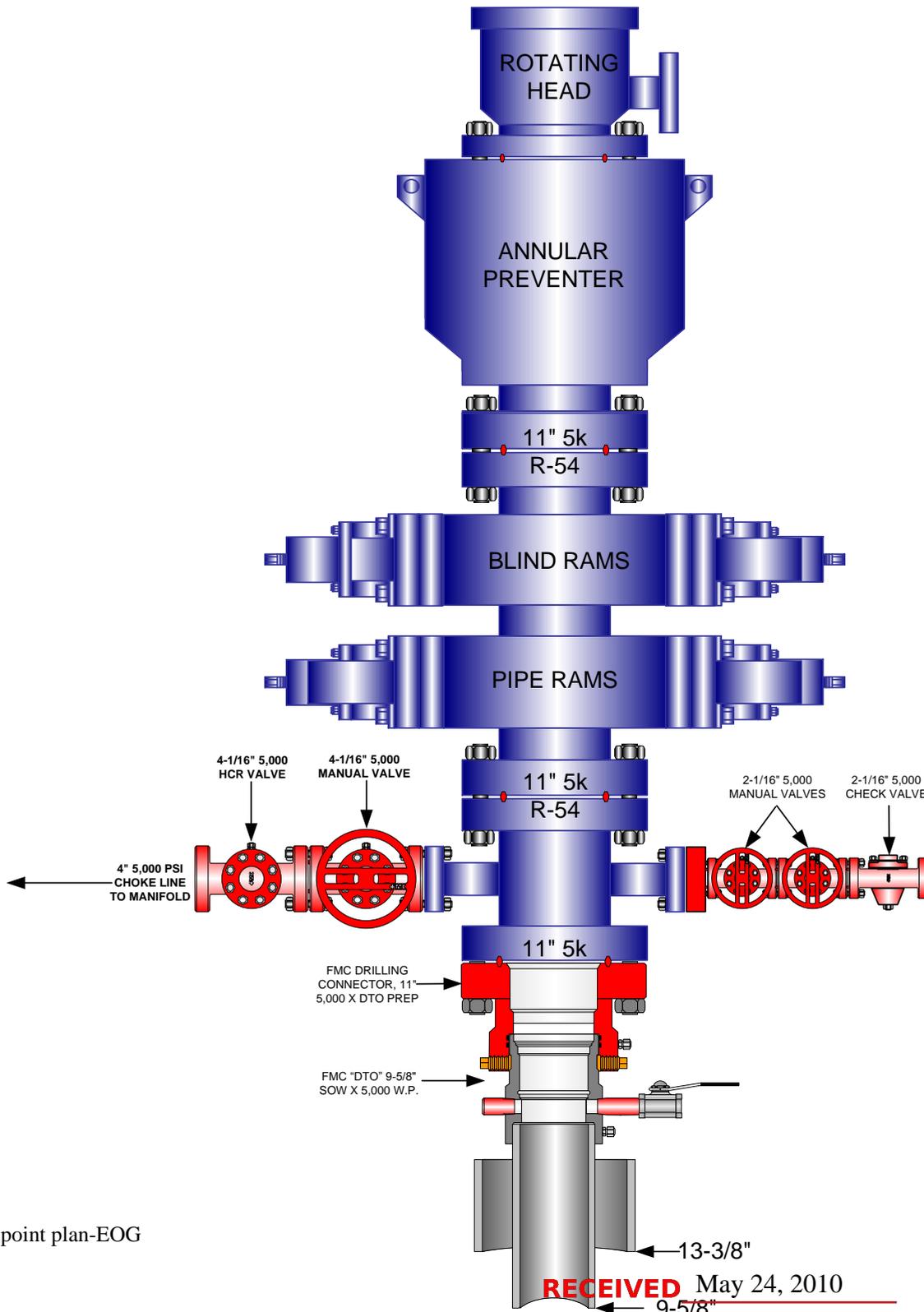
1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as 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)**

**DRILLING PLAN**

**CHAPITA WELLS UNIT 813-21**  
**SE/SE, SEC. 21, T9S, R23E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

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

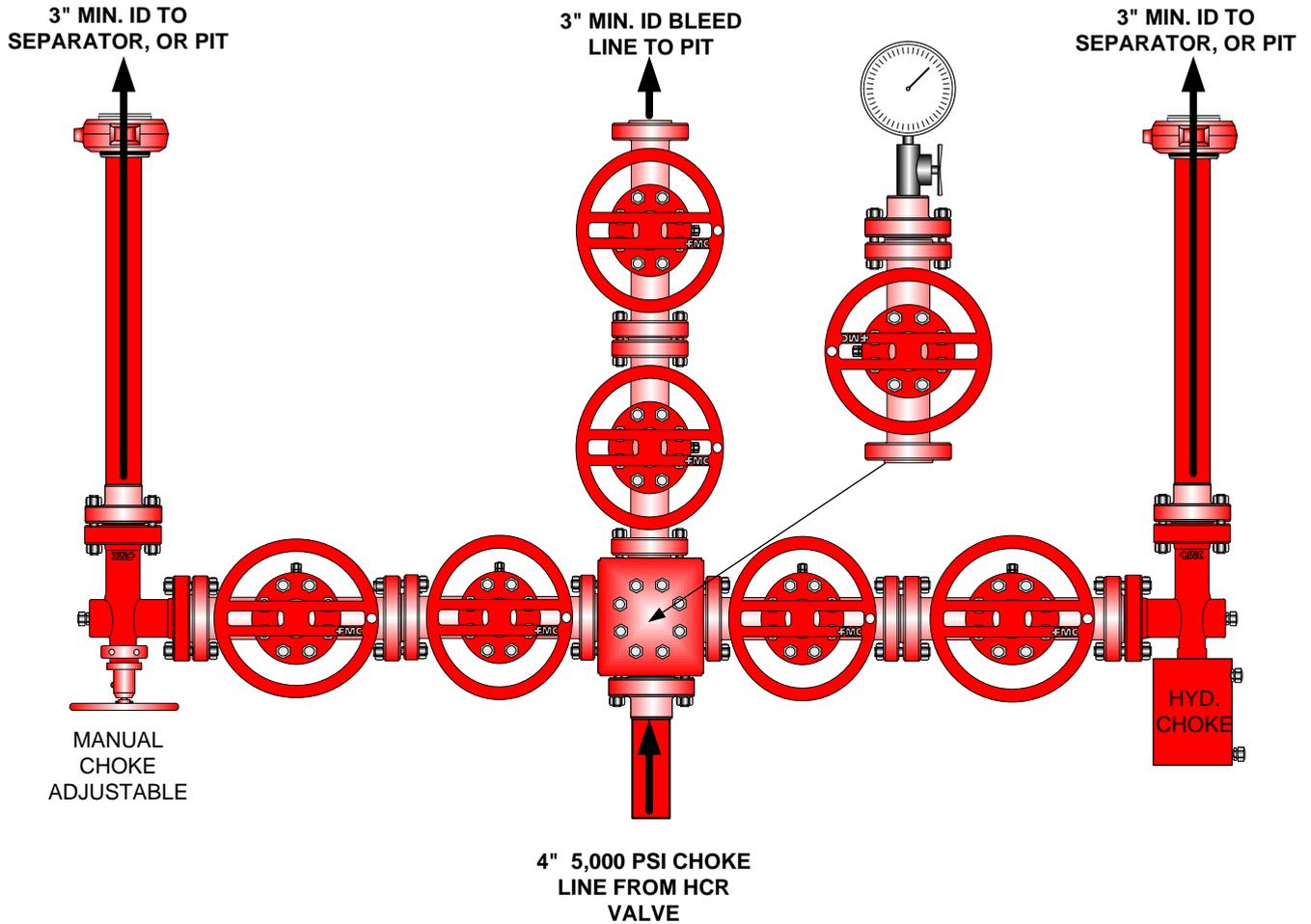


**DRILLING PLAN**

**CHAPITA WELLS UNIT 813-21**  
**SE/SE, SEC. 21, T9S, R23E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**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, w

4. whichever is greater.
5. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

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<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

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

EOG Resources, Inc. respectfully requests authorization to change the Drilling Plan as per the attached. Conductor size: Item 4 Float Equipment: Item 5 Logs: Item 8 Please see the attached revised Drilling Plan reflecting the purposed changes.

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

Date: June 03, 2010  
By: *Dan K. [Signature]*

<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> 5/24/2010	

**DRILLING PLAN**

**CHAPITA WELLS UNIT 813-21**  
**SE/SE, SEC. 21, T9S, R23E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

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

<b>FORMATION</b>	<b>TVD-RKB (ft)</b>	<b>Objective</b>	<b>Lithology</b>	
Green River	1,570		Shale	
Birdsnest Zone	1,695		Dolomite	
Mahogany Oil Shale Bed	2,203		Shale	
Wasatch	4,453		Sandstone	
Chapita Wells	5,022		Sandstone	
Buck Canyon	5,676		Sandstone	
North Horn	6,251		Sandstone	
KMV Price River	6,574	Primary	Sandstone	Gas
KMV Price River Middle	7,374	Primary	Sandstone	Gas
KMV Price River Lower	8,150	Primary	Sandstone	Gas
Sego	8,681		Sandstone	
<b>TD</b>	<b>8,880</b>			

**Estimated TD: 8,880' or 200'± below TD**

**Anticipated BHP: 4,849 Psig**

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

**3. PRESSURE CONTROL EQUIPMENT:**

Production Hole – 5000 Psig  
 BOP schematic diagrams attached.

**4. CASING PROGRAM:**

<b>CASING</b>	<b>Hole Size</b>	<b>Length</b>	<b>Size</b>	<b>WEIGHT</b>	<b>Grade</b>	<b>Thread</b>	<b>Rating Collapse</b>	<b>Factor Burst</b>	<b>Tensile</b>
Conductor	20"	0 – 60'	14"	32.5#	A-252	STC		1,880 PSI	10,000#
Surface	12 1/4"	0-2,300 KB±	9 5/8"	36.0#	J-55	STC	2020 PSI	3520 PSI	394,00#
Production	7-7/8"	Surface – TD	4-1/2"	11.6#	P-110	LTC	7560 PSI	10,690 Psi	279,000#

**Note:** 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" 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

### CHAPITA WELLS UNIT 813-21 SE/SE, SEC. 21, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

#### 5. Float Equipment:

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

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

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

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 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. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 3<sup>rd</sup> joint to 400' above the top of primary object. 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'±):

Air/air mist or aerated water.

##### 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**

### **CHAPITA WELLS UNIT 813-21** **SE/SE, SEC. 21, T9S, R23E, 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

- 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).
- 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.
- 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.
- 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).
- 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:**

**Cased-hole Logs:** Cased-hole logs will be run in lieu of open-hole logs consisting of the following:  
**CBL/CCL/VDL/GR**

## DRILLING PLAN

### CHAPITA WELLS UNIT 813-21 SE/SE, SEC. 21, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

#### 9. CEMENT PROGRAM:

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

- Lead: 185 sks** Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl<sub>2</sub>, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.
- Tail: 207 sks** Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.
- Top Out:** As necessary with Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.
- Note:** Cement volumes will be calculated to bring lead cement to surface and tail cement to 500' above the casing shoe.

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

- Lead: 118 sks:** Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.
- Tail: 860 sks:** 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.
- Note:** The above number of sacks is based on gauge-hole calculation.  
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.  
Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

## **DRILLING PLAN**

### **CHAPITA WELLS UNIT 813-21** **SE/SE, SEC. 21, T9S, R23E, S.L.B.&M.,** **UINTAH COUNTY, UTAH**

#### **10. ABNORMAL CONDITIONS:**

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

Lost circulation

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

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

#### **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:**

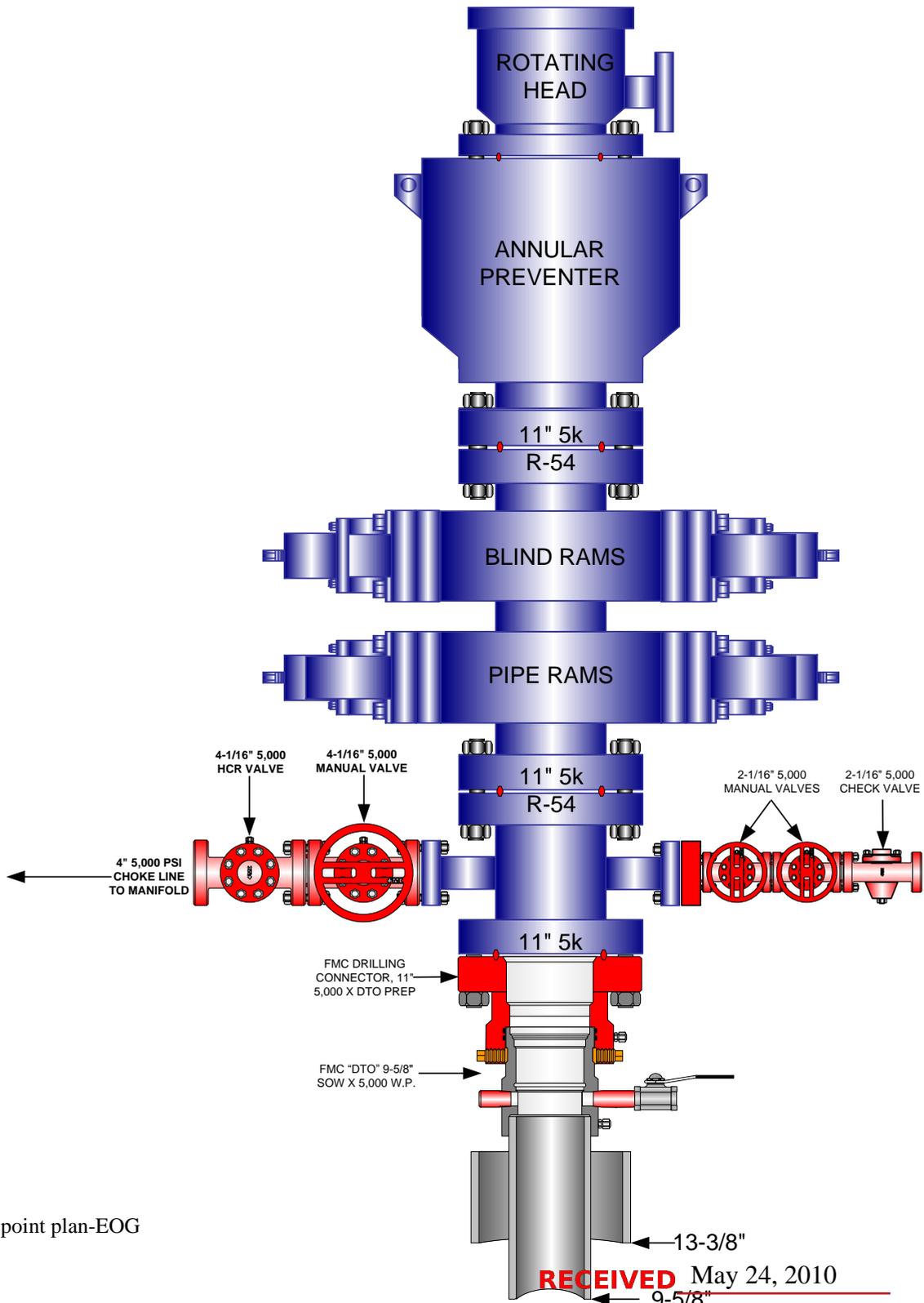
1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as 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)**

**DRILLING PLAN**

**CHAPITA WELLS UNIT 813-21**  
**SE/SE, SEC. 21, T9S, R23E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

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

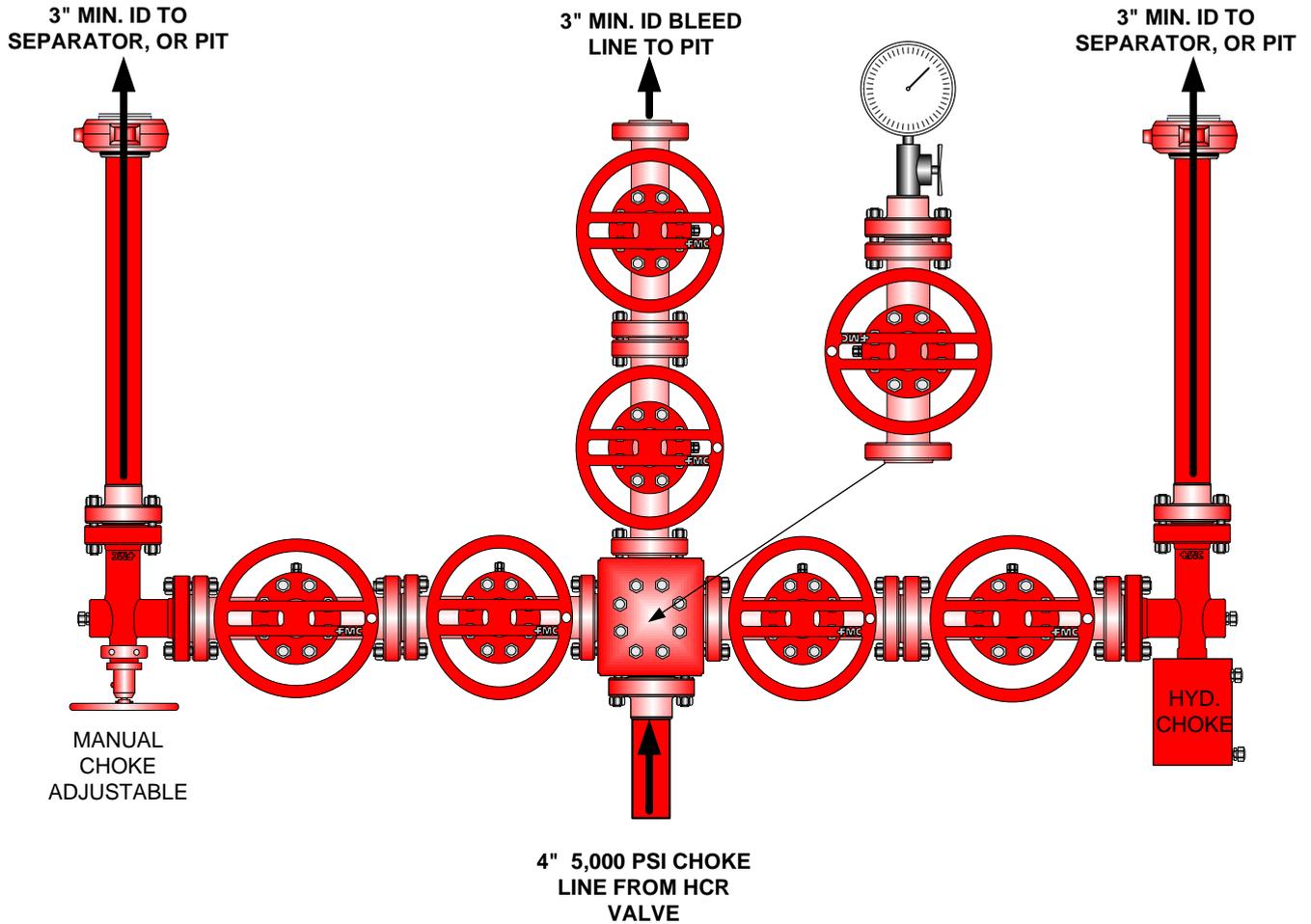


**DRILLING PLAN**

**CHAPITA WELLS UNIT 813-21**  
**SE/SE, SEC. 21, T9S, R23E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**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, w

4. whichever is greater.
5. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

**DIVISION OF OIL, GAS AND MINING**

***SPUDDING INFORMATION***

Name of Company: EOG RESOUCES INC

Well Name: CWU 813-21

Api No: 43-047-50402 Lease Type: FEDERAL

Section 21 Township 09S Range 23E County UINTAH

Drilling Contractor CRAIG'S ROUSTABOUT SERV RIG # BUCKET

**SPUDDED:**

Date 06/10/2010

Time 10:00 AM

How DRY

***Drilling will Commence:*** \_\_\_\_\_

Reported by KENT DAVENPORT

Telephone # (435) 828-8200

Date 06/10/2010 Signed CHD

<p><b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING</p>	<p><b>FORM 9</b></p>
<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b></p> <p>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.</p>	<p><b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0336A</p>
<p><b>1. TYPE OF WELL</b> Gas Well</p>	<p><b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b></p>
<p><b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.</p>	<p><b>7. UNIT or CA AGREEMENT NAME:</b> CHAPITA WELLS</p>
<p><b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078</p>	<p><b>8. WELL NAME and NUMBER:</b> CWU 813-21</p>
<p><b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 0587 FSL 0669 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 21 Township: 09.0S Range: 23.0E Meridian: S</p>	<p><b>9. API NUMBER:</b> 43047504020000</p> <p><b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES</p> <p><b>COUNTY:</b> UINTAH</p> <p><b>STATE:</b> UTAH</p>
<p><b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b></p>	

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input checked="" type="checkbox"/> <b>SPUD REPORT</b> Date of Spud: 6/10/2010	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

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

The referenced well was spud on 6/10/2010.

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

June 15, 2010

<p><b>NAME (PLEASE PRINT)</b> Mickenzie Gates</p>	<p><b>PHONE NUMBER</b> 435 781-9145</p>	<p><b>TITLE</b> Operations Clerk</p>
<p><b>SIGNATURE</b> N/A</p>	<p><b>DATE</b> 6/14/2010</p>	

<p><b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING</p>	<p><b>FORM 9</b></p>
<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b></p> <p>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.</p>	<p><b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0336A</p>
<p><b>1. TYPE OF WELL</b> Gas Well</p>	<p><b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b></p>
<p><b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.</p>	<p><b>7. UNIT or CA AGREEMENT NAME:</b> CHAPITA WELLS</p>
<p><b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078</p>	<p><b>8. WELL NAME and NUMBER:</b> CWU 813-21</p>
<p><b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 0587 FSL 0669 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 21 Township: 09.0S Range: 23.0E Meridian: S</p>	<p><b>9. API NUMBER:</b> 43047504020000</p>
<p><b>PHONE NUMBER:</b> 435 781-9111 Ext</p>	<p><b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES</p>
	<p><b>COUNTY:</b> UINTAH</p>
	<p><b>STATE:</b> UTAH</p>

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

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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

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

No activity has occurred since spud on 6/10/2010.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**  
 June 15, 2010

<p><b>NAME (PLEASE PRINT)</b> Mickenzie Gates</p>	<p><b>PHONE NUMBER</b> 435 781-9145</p>	<p><b>TITLE</b> Operations Clerk</p>
<p><b>SIGNATURE</b> N/A</p>	<p><b>DATE</b> 6/14/2010</p>	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0336A
<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> CWU 813-21
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047504020000
<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078	<b>PHONE NUMBER:</b> 435 781-9111 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0587 FSL 0669 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 21 Township: 09.0S Range: 23.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 6/10/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

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: 1. NBU 20-20B SWD 2. CWU 550-30N SWD 3. CWU 2-29 SWD 4. Red Wash Evaporation Ponds 1,2,3,4,5,6&7 5. White River Evaporation Ponds 1&2 6. Coyote Evaporation Ponds 1&2 7. RNI Disposal 8. Hoss SWD Wells ROW# UTU86010 & UTU897093

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 June 16, 2010

<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> 6/14/2010	

**ENTITY ACTION FORM**

Operator: EOG Resources, Inc. Operator Account Number: N 9550  
 Address: 1060 East Highway 40  
city Vernal  
state UT zip 84078 Phone Number: (435) 781-9145

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-50402	CHAPITA WELLS UNIT 813-21		SESE	21	9S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<i>AB</i>	99999	<i>13650</i>	6/10/2010			<i>7/15/10</i>	
Comments: <u>MESAVERDE</u>							

**Well 2**

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

**Well 3**

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

**ACTION CODES:**

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

**RECEIVED**

**JUN 23 2010**

Mickenzie Gates

Name (Please Print)  
*Mickenzie Gates*

Signature  
Operations Clerk

Title

6/14/2010

Date

<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> UTU0336A
	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  7. <b>UNIT or CA AGREEMENT NAME:</b> CHAPITA WELLS
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> CWU 813-21
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047504020000
<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078	<b>PHONE NUMBER:</b> 435 781-9111 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0587 FSL 0669 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 21 Township: 09.0S Range: 23.0E 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"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> 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"/> <b>SPUD REPORT</b> 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"/> <b>DRILLING REPORT</b> Report Date: 7/1/2010	<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:

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

No activity has occurred since spud on 6/10/2010. Drilling operations are scheduled to begin on or about 7/5/2010.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 July 01, 2010

<b>NAME (PLEASE PRINT)</b> Michelle Robles	<b>PHONE NUMBER</b> 307 276-4842	<b>TITLE</b> Regulatory Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/1/2010	

# WELL CHRONOLOGY REPORT

Report Generated On: 07-01-2010

<b>Well Name</b>	CWU 813-21	<b>Well Type</b>	DEVG	<b>Division</b>	DENVER
<b>Field</b>	CHAPITA DEEP	<b>API #</b>	43-047-50402	<b>Well Class</b>	DRIL
<b>County, State</b>	UINTAH, UT	<b>Spud Date</b>	06-10-2010	<b>Class Date</b>	
<b>Tax Credit</b>	N	<b>TVD / MD</b>	8,880/ 8,880	<b>Property #</b>	059246
<b>Water Depth</b>	0	<b>Last CSG</b>	9.625	<b>Shoe TVD / MD</b>	2,416/ 2,416
<b>KB / GL Elev</b>	5,124/ 5,111				
<b>Location</b>	Section 21, T9S, R23E, SESE, 587 FSL & 669 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>	82.139316

<b>AFE No</b>	304090	<b>AFE Total</b>	1,404,100	<b>DHC / CWC</b>	601,600/ 802,500
<b>Rig Contr</b>	TRUE	<b>Rig Name</b>	TRUE #31	<b>Start Date</b>	05-11-2009
<b>05-11-2009</b>	<b>Reported By</b>	SHEILA MALLOY			
<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 : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: LOCATION DATA

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION DATA
			587' FSL & 669' FEL (SE/SE)
			SECTION 21, T9S, R23E
			UINTAH COUNTY, UTAH
			 LAT 40 DEG 00' 57", LONG 109 DEG 19' 27" (NAD 83)
			TRUE #31
			OBJECTIVE: 8880' TD, MESAVERDE
			DW/GAS
			CHAPITA WELLS DEEP PROSPECT
			DD&A: CHAPITA DEEP
			NATURAL BUTTES FIELD
			 LEASE: FEDERAL UTU-0336A
			ELEVATION: 5112.9' NAT GL, 5110.9' PREP GL(DUE TO ROUNDING THE PREP GL WILL BE 5111'), 5127' KB (16')
			 EOG BPO WI 100%, NRI 82.139316%

<b>06-03-2010</b>	<b>Reported By</b>	TERRY CSERE			
<b>Daily Costs: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Daily Total</b>	\$75,000

**Cum Costs: Drilling** \$75,000 **Completion** \$0 **Well Total** \$75,000  
**MD** 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION STARTED ON 6/3/10.

**06-04-2010** **Reported By** TERRY CSERE

**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0  
**Cum Costs: Drilling** \$75,000 **Completion** \$0 **Well Total** \$75,000  
**MD** 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION 10% COMPLETE.

**06-07-2010** **Reported By** TERRY CSERE

**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0  
**Cum Costs: Drilling** \$75,000 **Completion** \$0 **Well Total** \$75,000  
**MD** 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION 20% COMPLETE.

**06-08-2010** **Reported By** TERRY CSERE

**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0  
**Cum Costs: Drilling** \$75,000 **Completion** \$0 **Well Total** \$75,000  
**MD** 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION 50% COMPLETE.

**06-09-2010** **Reported By** TERRY CSERE

**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0  
**Cum Costs: Drilling** \$75,000 **Completion** \$0 **Well Total** \$75,000  
**MD** 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	CLOSED LOOP 80% COMPLETE.

**06-10-2010** **Reported By** KENT DEVENPORT/TERRY CSERE

**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0

**Cum Costs: Drilling** \$75,000 **Completion** \$0 **Well Total** \$75,000  
**MD** 60 **TVD** 60 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** SPUD NOTIFICATION/BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	CRAIGS ROUSTABOUT SERVICE SPUD A 20" HOLE ON 6/10/10 @ 10:00 AM. SET +/-60' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. CAROL DANIELS W/UDOGM WAS NOTIFIED BY PHONE MESSAGE AND BLM WAS NOTIFIED BY EMAIL OF SPUD ON 6/09/10 @ 9:30 AM.
06:00			LOCATION IS 90% COMPLETE. BLADING.

**06-11-2010** **Reported By** TERRY CSERE

**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0  
**Cum Costs: Drilling** \$75,000 **Completion** \$0 **Well Total** \$75,000  
**MD** 60 **TVD** 60 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION COMPLETE. STARTING CLOSED LOOP.

**06-14-2010** **Reported By** TERRY CSERE

**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0  
**Cum Costs: Drilling** \$75,000 **Completion** \$0 **Well Total** \$75,000  
**MD** 60 **TVD** 60 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	GEL CLOSED LOOP TODAY.

**06-15-2010** **Reported By** TERRY CSERE

**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0  
**Cum Costs: Drilling** \$75,000 **Completion** \$0 **Well Total** \$75,000  
**MD** 60 **TVD** 60 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	GEL CLOSED LOOP TODAY.

**06-16-2010** **Reported By** ROBERT WILKINS

**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0  
**Cum Costs: Drilling** \$75,000 **Completion** \$0 **Well Total** \$75,000  
**MD** 60 **TVD** 60 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** BUILD LOCATION

Start	End	Hrs	Activity Description
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06:00 06:00 24.0 LOCATION & ROAD 100%. CRAIG'S ROUSTABOUT SERVICE SPUDS A 20" HOLE ON 6/10/2010 @ 10:00 AM. SET +/-60' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. CAROL DANIELS W/UDOGM WAS NOTIFIED BY PHONE MESSAGE AND BLM WAS NOTIFIED BY EMAIL OF SPUD ON 6/10/10 @ 10:00 AM. NOTIFICATIONS SENT ON 6/09/2010.

<b>06-22-2010</b>	<b>Reported By</b>	KERRY SALES									
<b>DailyCosts: Drilling</b>	\$219,230	<b>Completion</b>	\$0	<b>Daily Total</b>	\$219,230						
<b>Cum Costs: Drilling</b>	\$294,230	<b>Completion</b>	\$0	<b>Well Total</b>	\$294,230						
<b>MD</b>	2,428	<b>TVD</b>	2,428	<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:** WORT

Start	End	Hrs	Activity Description
06:00	06:00	24.0	MIRU CRAIG'S AIR RIG #2 ON 6/17/2010. DRILLED 12-1/4" HOLE TO 2412' GL (2428' KB). ENCOUNTERED WATER AT 1580' AND GOT A WATER SAMPLE FOR UTAH STATE. FLUID DRILLED FROM 1590'. LOST CIRCULATION AT 1750'. DRILLED WITH FLUID TO TD. ROUGH DRILLING, BIRDS NEST FROM 1700' TO 1800'. CHECKED WATER LEVEL DEPTH IN WELL AFTER 1 HOUR STATIC AT TD, 285' DEEP. RAN 57 JT'S (2400.82') OF 9-5/8", 36.0#, J-55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED AT 2416.82' KB. RDMO CRAIGS RIG #2.

MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 4700 PSIG. PUMPED 170 BBLs FRESH WATER & 20 BBLs GEL WATER FLUSH AHEAD OF CEMENT. TAIL: MIXED AND PUMPED 400 SKS (84 BBLs) OF PREMIUM CEMENT W/ 2% CACL MIXED CEMENT @ 15.6 PPG, YIELD 1.18 CF/SX.

DISPLACED THE CEMENT W/182 BBLs FRESH WATER. BUMPED PLUG W/1112 PSI, FCP 136 PSI AT 11:50 AM ON 06/21/10. FLOAT HELD. NO RETURNS OF CEMENT TO SURFACE. WOC 2 3/4 HOURS.

TOP JOB # 1: DOWN 6' OF 1" PIPE, MIXED & PUMPED 75 SX (15.4 BBLs) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG, YIELD 1.15 CF/SX. NO RETURNS DURING ANY PART OF THE OPERATION. WAIT ON CEMENT 2.5 HOURS.

TOP JOB # 2: MIXED & PUMPED 75 SX (15.4 BBLs) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG, YIELD 1.15 CF/SX. NO RETURNS. WOC 2 HOURS.

TOP JOB # 3: MIXED & PUMPED 100 SX (20.5 BBLs) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG, YIELD 1.15 CF/SX. GOOD RETURNS 4 BBL'S, CEMENT STOOD AT SURFACE OBSERVED WELL FOR 2 HOURS WHILE RIGGING DOWN. RELEASE HALLIBURTON.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

CRAIG'S RIG 2 TOOK 3 SURVEYS WHILE DRILLING HOLE @ 1530' = .75 DEGREES, 2160' = 3 DEGREES, 2400' = 4 DEGREES.

KERRY SALES NOTIFIED BLM OF THE SURFACE CASING & CEMENT JOB ON 06/20/2010 @ 07:00 P.M. KERRY SALES NOTIFIED CAROL DANIELS WITH UDOGM ON 06/20/2010 @ 11:00P.M. CONTACTS MADE ON 06/19/2010 @ 11:04 AM.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0336A
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<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> CWU 813-21
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<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047504020000
--	---

<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078	<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> 0587 FSL 0669 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 21 Township: 09.0S Range: 23.0E Meridian: S	<b>COUNTY:</b> Uintah  <b>STATE:</b> Utah
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> 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"/> <b>SPUD REPORT</b> 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"/> <b>DRILLING REPORT</b> Report Date: 8/5/2010	<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.

Waiting on completion operations, please see the attached well chronology report for the referenced well showing all activity up to 8/5/2010.

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 August 05, 2010

<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> 8/5/2010	

06:00 06:00 24.0 LOCATION & ROAD 100%. CRAIG'S ROUSTABOUT SERVICE SPUDS A 20" HOLE ON 6/10/2010 @ 10:00 AM. SET +/-60' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. CAROL DANIELS W/UDOGM WAS NOTIFIED BY PHONE MESSAGE AND BLM WAS NOTIFIED BY EMAIL OF SPUD ON 6/10/10 @ 10:00 AM. NOTIFICATIONS SENT ON 6/09/2010.

<b>06-22-2010</b>		<b>Reported By</b>		KERRY SALES							
<b>Daily Costs: Drilling</b>	\$221,260	<b>Completion</b>	\$0	<b>Daily Total</b>	\$221,260						
<b>Cum Costs: Drilling</b>	\$296,260	<b>Completion</b>	\$0	<b>Well Total</b>	\$296,260						
<b>MD</b>	2,428	<b>TVD</b>	2,428	<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: WORT

Start	End	Hrs	Activity Description
06:00	06:00	24.0	MIRU CRAIG'S AIR RIG #2 ON 6/17/2010. DRILLED 12-1/4" HOLE TO 2412' GL (2428' KB). ENCOUNTERED WATER AT 1580' AND GOT A WATER SAMPLE FOR UTAH STATE. FLUID DRILLED FROM 1590'. LOST CIRCULATION AT 1750'. DRILLED WITH FLUID TO TD. ROUGH DRILLING, BIRDS NEST FROM 1700' TO 1800'. CHECKED WATER LEVEL DEPTH IN WELL AFTER 1 HOUR STATIC AT TD, 285' DEEP. RAN 57 JT'S (2400.82') OF 9-5/8", 36.0#, J-55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED AT 2416.82' KB. RDMO CRAIGS RIG #2.

MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 4700 PSIG. PUMPED 170 BBLs FRESH WATER & 20 BBLs GEL WATER FLUSH AHEAD OF CEMENT. TAIL: MIXED AND PUMPED 400 SKS (84 BBLs) OF PREMIUM CEMENT W/ 2% CACL MIXED CEMENT @ 15.6 PPG, YIELD 1.18 CF/SX. DISPLACED THE CEMENT W/182 BBLs FRESH WATER. BUMPED PLUG W/1112 PSI, FCP 136 PSI AT 11:50 AM ON 06/21/10. FLOAT HELD. NO RETURNS OF CEMENT TO SURFACE. WOC 2 3/4 HOURS.

TOP JOB # 1: DOWN 6' OF 1" PIPE, MIXED & PUMPED 75 SX (15.4 BBLs) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG, YIELD 1.15 CF/SX. NO RETURNS DURING ANY PART OF THE OPERATION. WAIT ON CEMENT 2.5 HOURS.

TOP JOB # 2: MIXED & PUMPED 75 SX (15.4 BBLs) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG, YIELD 1.15 CF/SX. NO RETURNS. WOC 2 HOURS.

TOP JOB # 3: MIXED & PUMPED 100 SX (20.5 BBLs) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG, YIELD 1.15 CF/SX. GOOD RETURNS 4 BBL'S. CEMENT STOOD AT SURFACE OBSERVED WELL FOR 2 HOURS WHILE RIGGING DOWN. RELEASE HALLIBURTON.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

CRAIG'S RIG 2 TOOK 3 SURVEYS WHILE DRILLING HOLE @ 1530' = .75 DEGREES, 2160' = 3 DEGREES, 2400' = 4 DEGREES.

KERRY SALES NOTIFIED BLM OF THE SURFACE CASING & CEMENT JOB ON 06/20/2010 @ 07:00 P.M. KERRY SALES NOTIFIED CAROL DANIELS WITH UDOGM ON 06/20/2010 @ 11:00P.M. CONTACTS MADE ON 06/19/2010 @ 11:04 AM.

<b>07-18-2010</b>		<b>Reported By</b>		PAT CLARK							
<b>Daily Costs: Drilling</b>	\$79,507	<b>Completion</b>	\$0	<b>Daily Total</b>	\$79,507						
<b>Cum Costs: Drilling</b>	\$375,767	<b>Completion</b>	\$0	<b>Well Total</b>	\$375,767						
<b>MD</b>	2,428	<b>TVD</b>	2,428	<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: TEST BOPE**

Start	End	Hrs	Activity Description
06:00	03:00	21.0	HSM W/WESTROC TRUCKING, MT WEST, TRUE 31 CREW. MIRURT. TRUCKS AND CRANE RELEASED @ 14:00, DERRICK IN AIR @ 16:00.
03:00	06:00	3.0	RIG ON DAYWORK @ 03:00, 7-18-2010. HSM. NIPPLE UP & TEST BOPE. VISUALLY INSPECT ANNULAR AND OTHER COMPONENTS FOR WEAR. TEST HIGH 5000 PSI, UPPER AND LOWER KELLY VALVE, SAFETY AND DART VALVE, PIPE AND BLIND RAMS, HCR, KILL LINE AND VALVE, CHOKE LINE, CHOKE VALVE, MANIFOLD. TEST HIGH 1500 PSI HIGH ANNULAR PREVENTER. TEST CASING TO 1500 PSI FOR 30 MINUTES. PERFORM ACCUMULATOR FUNCTION TEST.

BLM NOTIFIED OF BOP TEST BY E-MAIL ON 7-16-2010 @ 09:30.  
 NO BLM REPRESENTATIVE TO WITNESS TEST.  
 DAYLIGHT CREW SHORT ONE MAN, NO ACCIDENTS.  
 SAFETY MEETINGS - RIG MOVE, 100% TIE-OFF, TEST BOP.  
 FUEL - 2176, USED - 664.

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07-19-2010		Reported By	PAT CLARK								
<b>Daily Costs: Drilling</b>	\$66,300	<b>Completion</b>	\$0	<b>Daily Total</b>	\$66,300						
<b>Cum Costs: Drilling</b>	\$442,067	<b>Completion</b>	\$0	<b>Well Total</b>	\$442,067						
<b>MD</b>	4,153	<b>TVD</b>	4,153	<b>Progress</b>	1,737	<b>Days</b>	1	<b>MW</b>	10.4	<b>Visc</b>	40.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>							

**Activity at Report Time: DRILLING @ 4153'**

Start	End	Hrs	Activity Description
06:00	07:00	1.0	FINISH BOP TEST. INSTALL WEAR BUSHING.
07:00	11:00	4.0	HSM W/WEATHERFORD TRS, R/U TRS. PU BHA & TOOLS. TAG CEMENT @ 2365'. R/D TRS.
11:00	12:00	1.0	PRE-SPUD WALKTHROUGH, CHECK FOR LEAKS.
12:00	14:00	2.0	INSTALL ROT RUBBER. DRILL CEMENT/FLOAT EQUIP. FC @ 2374', GS @ 2416', DRILL 10'. PERFORM FIT TO 10.5 EMW.
14:00	15:30	1.5	DRILL 2426' - 2521'. WOB 10-15K, RPM 59/ 74, SPP 2000 PSI, DP 300 PSI, ROP 63 FPH.
15:30	16:00	0.5	SURVEY @ 2488' - 3.92 DEG.
16:00	16:30	0.5	RIG SERVICE. CHECK COM.
16:30	00:30	8.0	DRILL 2521' - 3496'. SAME PARAMETERS, ROP 122 FPH.
00:30	01:00	0.5	SURVEY @ 3416 - 2.12 DEG.
01:00	06:00	5.0	DRILL 3496' - 4153'. WOB 15-20K, RPM 59/74, SPP 2200 PSI, DP 350 PSI, ROP 131 FPH.

FULL CREWS, NO ACCIDENTS, BOP DRILL MORNING TOUR.  
 SAFETY MEETINGS - P/U BHA, CONNECTIONS.  
 FUEL - 8997, DEL - 8000, USED - 1179.  
 MW - 10.4 PPG, VIS - 38 SPQ, NO LOSSES.

06:00 SPUD 7 7/8" HOLE @ 14:00 HRS, 7/18/10..

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07-20-2010		Reported By	PAT CLARK								
<b>Daily Costs: Drilling</b>	\$28,655	<b>Completion</b>	\$0	<b>Daily Total</b>	\$28,655						
<b>Cum Costs: Drilling</b>	\$470,722	<b>Completion</b>	\$0	<b>Well Total</b>	\$470,722						
<b>MD</b>	6,319	<b>TVD</b>	6,319	<b>Progress</b>	2,166	<b>Days</b>	2	<b>MW</b>	10.5	<b>Visc</b>	38.0

**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** DRILLING @ 6319'

Start	End	Hrs	Activity Description
06:00	07:30	1.5	DRILL 4153' - 4402'. WOB 15K, RPM 59/74, SPP 2250 PSI, DP 350 PSI, ROP 166 FPH.
07:30	08:00	0.5	SURVEY - 4.01 DEG.
08:00	12:00	4.0	DRILL 4402' - 4807'. SAME PARAMETERS, ROP 101 FPH.
12:00	12:30	0.5	RIG SERVICE. CHECK COM.
12:30	06:00	17.5	DRILL 4807' - 6319'. WOB 17K, RPM 59/67, SPP 2300 PSI, DP 300 PSI, ROP 86 FPH. SWITCH TO #2 PUMP @ MIDNIGHT.

CHAPITA WELLS @ 5048', BUCK CANYON @ 5719', NORTH HORN @ 6315'.  
 FULL CREWS, NO ACCIDENTS, BOP DRILL DAYLIGHTS.  
 SAFETY MEETINGS - PPE, LAST DAY OF HITCH.  
 FUEL - 7495, USED - 1502.  
 MW - 10.7 PPG, VIS - 38 SP, NO LOSSES.

**07-21-2010** **Reported By** PAT CLARK

<b>Daily Costs: Drilling</b>	\$29,610	<b>Completion</b>	\$0	<b>Daily Total</b>	\$29,610						
<b>Cum Costs: Drilling</b>	\$500,333	<b>Completion</b>	\$0	<b>Well Total</b>	\$500,333						
<b>MD</b>	7,853	<b>TVD</b>	7,853	<b>Progress</b>	1,534	<b>Days</b>	3	<b>MW</b>	10.7	<b>Visc</b>	39.0

**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** DRILLING @ 7853'

Start	End	Hrs	Activity Description
06:00	08:30	2.5	DRILL 6319' - 6478'. WOB 17-20K, RPM 59/67, SPP 2250 PSI, DP 250 PSI, ROP 64 FPH.
08:30	09:00	0.5	SURVEY @ 6445' - 3.59 DEG.
09:00	12:00	3.0	DRILL 6478' - 6696'. SAME PARAMETERS, ROP 73 FPH.
12:00	12:30	0.5	RIG SERVICE. CHECK COM.
12:30	06:00	17.5	DRILL 6696' - 7853'. WOB 15-20K, RPM 61/67, SPP 2350 PSI, DP 250 PSI, ROP 66 FPH.

PRICE RIVER @ 6578', MIDDLE PRICE @ 7383'.  
 FULL CREWS, NO ACCIDENTS, BOP DRILL MORNING TOUR.  
 SAFETY MEETINGS - FIRST DAY BACK, PROPER LIFTING.  
 FUEL - 6100, USED - 1395.  
 MW - 11.1 PPG, VIS - 40 SPQ, NO LOSSES.

**07-22-2010** **Reported By** PAT CLARK

<b>Daily Costs: Drilling</b>	\$31,413	<b>Completion</b>	\$0	<b>Daily Total</b>	\$31,413						
<b>Cum Costs: Drilling</b>	\$531,746	<b>Completion</b>	\$0	<b>Well Total</b>	\$531,746						
<b>MD</b>	8,880	<b>TVD</b>	8,880	<b>Progress</b>	1,027	<b>Days</b>	4	<b>MW</b>	11.2	<b>Visc</b>	42.0

**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** CIRCULATE @ TD OF 8880'

Start	End	Hrs	Activity Description
06:00	13:00	7.0	DRILL 7853' - 8197'. WOB 15-20K, RPM 60/67, SPP 2350 PSI, DP 300 PSI, ROP - 49 FPH.
13:00	13:30	0.5	RIG SERVICE. CHECK COM.
13:30	21:00	7.5	DRILL 8197' - 8543'. SAME PARAMETERS, ROP 46 FPH.

WENT BACK ON #1 PUMP @ 18:00 – CLUTCH OUT ON # 2.. MODULE WASHED ON # 1 PUMP @ 21:00.

21:00	22:00	1.0	WORK ON PUMPS.
22:00	05:30	7.5	DRILL 8543' – 8880'. SAME PARAMETERS, ROP 45 FPH. REACHED TD @ 05:30 HRS, 7/22/10.
05:30	06:00	0.5	PUMP 70 BBL, 70 VIS SWEEP. CIRCULATE FOR WIPER TRIP.

FULL CREWS, NO ACCIDENTS.  
 SAFETY MEETINGS – PROPER TOOLS, PPE.  
 FUEL – 4300, USED – 1800.  
 MW – 11.5 PPG, VIS – 40 SPQ, LOST 60 BBLs.

<b>07-23-2010</b>	<b>Reported By</b>	PAT CLARK									
<b>Daily Costs: Drilling</b>	\$24,026	<b>Completion</b>	\$0	<b>Daily Total</b>	\$24,026						
<b>Cum Costs: Drilling</b>	\$555,773	<b>Completion</b>	\$0	<b>Well Total</b>	\$555,773						
<b>MD</b>	8,880	<b>TVD</b>	8,880	<b>Progress</b>	0	<b>Days</b>	5	<b>MW</b>	11.6	<b>Visc</b>	40.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>		<b>PKR Depth : 0.0</b>						
<b>Activity at Report Time:</b> CIRCULATE TO LDDP											

Start	End	Hrs	Activity Description
06:00	07:00	1.0	CIRCULATE AND CONDITION FOR WIPER TRIP. GOT SWEEP BACK, SAND AND FINES, SOME SHALE.
07:00	08:00	1.0	PUMP PILL, TOH TO 4372'.
08:00	17:00	9.0	WORK TIGHT HOLE @ 4372. KELLY UP, CIRCULATE, RUN 40 BBL 75 VIS SWEEP. SWEEP BROUGHT SHALE OUT OF THE HOLE. RAISE MUD WEIGHT FROM 11.6# TO 12.0# MAXIMUM OVERPULL WHILE WORKING TIGHT HOLE 40,000 OVER
17:00	20:30	3.5	CONTINUE TOH TO 3232'. WORK TIGHT HOLE. KELLY UP, CIRCULATE, PUMP 70 BBL HIGH VIS SWEEP. LIMITED AMOUNT OF DEBRIS FROM HOLE. BUILD VOLUME.
20:30	23:00	2.5	FINISH TOH. L/D REAMERS, MM. RETRIEVE SURVEY – 2.3 DEG.
23:00	02:00	3.0	TIH. FILL PIPE @ 4000'.
02:00	04:30	2.5	WASH AND REAM 8695' – 8880'.
04:30	06:00	1.5	CIRCULATE AND CONDITION TO LDDP. RUN 70 BBL 70 VIS SWEEP.

DAYLIGHT CREW SHORT ONE HAND, NO ACCIDENTS.  
 SAFETY MEETINGS – TRIPPING, TIGHT HOLE.  
 FUEL – 3290, USED – 1010.  
 MW – 12 PPG, VIS – 40 SPQ, LOST 250 BBLs.

<b>07-24-2010</b>	<b>Reported By</b>	PAT CLARK									
<b>Daily Costs: Drilling</b>	\$34,215	<b>Completion</b>	\$163,175	<b>Daily Total</b>	\$197,390						
<b>Cum Costs: Drilling</b>	\$589,988	<b>Completion</b>	\$163,175	<b>Well Total</b>	\$753,163						
<b>MD</b>	8,880	<b>TVD</b>	8,880	<b>Progress</b>	0	<b>Days</b>	6	<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> RDRT/ WO COMPLETION											

Start	End	Hrs	Activity Description
06:00	07:00	1.0	CIRCULATE AND CONDITION TO LDDP. PUMP PILL.
07:00	13:00	6.0	HSM. R/U WEATHERFORD TRS. LDDP. BREAK KELLY, L/D BHA. PULL WEAR BUSHING.

13:00 19:00 6.0 HSM. RUN 4 1/2", 11.6#, N-80, LT&C CSG AS FOLLOWS: FLOAT SHOE @ 8871', 1 JT CSG, FLOAT COLLAR @ 8827', 53 JTS CSG, MJ @ 6584', 55 JTS CSG, MJ @ 4246', 100 JTS CSG (209 TOTAL). P/U JT # 210, TAG BOTTOM @ 8880'. L/D JT # 210. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS ON BOTTOM THREE JOINTS, 25 BOW SPRING CENTRALIZERS ON EVERY THIRD JT TO 5682'. R/D TRS.

19:00 21:00 2.0 HSM. CIRCULATE, R/U CEMENTERS.

21:00 23:00 2.0 HSM, R/U HALLIBURTON. PRESSURE TEST LINES TO 5000 PSI, CEMENT WELL AS FOLLOWS: PUMP 20 BBLS MUD FLUSH, MIX AND PUMP 535 SX (160 BBLS, 899 CU/FT) LEAD Highbond 75 CEMENT @ 12.5 PPG, 1.68 YLD, H2O 8.22 GAL/SK + 4% BENTONITE + .3% VERSASET. MIX AND PUMP 1280 SX (335 BBLS, 1882 CU/FT) TAIL EXTENDACEM CEMENT @ 13.5 PPG, 1.47 YLD, H2O 6.98 GAL/SK + .125 LBM POLY-E-FLAKE. WASH UP TO RIG CATCH TANK, DROP PLUG AND DISPLACE W/137 BBLS FRESH WATER. FULL RETURNS THROUGHOUT. MAX PRESSURE 2600 PSI. BUMPED PLUG TO 4100 PSI. BLED BACK 2.5 BBLS, FLOATS HELD. PRESSURE BACK UP TO 2500 PSI. R/D HALLIBURTON. PLUG DOWN @ 23:00.

23:00 00:00 1.0 WAIT ON CEMENT, CLEAN PITS.

00:00 01:00 1.0 PACK OFF AND TEST DTO TO 5000 PSI.

01:00 06:00 5.0 RDRT. PREPARE TO MOVE 2.5 MILES TO CWU 1268-27 @ 06:00.

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS - LDDP, RUN CSG, CEMENTING, RDRT.

FUEL - 2650, USED - 640.

TRANSFER 3 JTS 4 1/2", 11.6#, N-80, LTC CSG (42.45', 42.40', 42.45' - 127.30' TOTAL) TO CWU 1268-27.

TRANSFER 2 MJ (21.32', 21.95' - 43.27' TOTAL) TO CWU 1268-27.

TRANSFER 2650 GALS DIESEL FUEL @ \$2.585/GAL TO CWU 1268-27.

06:00 RIG RELEASED @ 1:00 HRS, 7/24/2010.  
CASING POINT COST \$580,989.

<b>07-29-2010</b>		<b>Reported By</b>		SEARLE							
<b>Daily Costs: Drilling</b>		\$0		<b>Completion</b>		\$18,500		<b>Daily Total</b>		\$18,500	
<b>Cum Costs: Drilling</b>		\$589,988		<b>Completion</b>		\$181,675		<b>Well Total</b>		\$771,663	
<b>MD</b>	8,880	<b>TVD</b>	8,880	<b>Progress</b>	0	<b>Days</b>	7	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>			<b>PBTD :</b> 8826.0			<b>Perf :</b>			<b>PKR Depth :</b> 0.0		

**Activity at Report Time:** PREP FOR FRACS

Start	End	Hrs	Activity Description
06:00			MIRU CUTTERS WIRELINE. LOG WITH CBL/CCL/VDL/GR FROM 8795' TO 60'. EST CEMENT TOP @ 2570'. RDWL.

<p><b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING</p>	<p><b>FORM 9</b></p>
<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b></p> <p>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.</p>	<p><b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0336A</p>
<p><b>1. TYPE OF WELL</b> Gas Well</p>	<p><b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b></p>
<p><b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.</p>	<p><b>7. UNIT or CA AGREEMENT NAME:</b> CHAPITA WELLS</p>
<p><b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078</p>	<p><b>8. WELL NAME and NUMBER:</b> CWU 813-21</p>
<p><b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0587 FSL 0669 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 21 Township: 09.0S Range: 23.0E Meridian: S</p>	<p><b>9. API NUMBER:</b> 43047504020000</p>
<p><b>PHONE NUMBER:</b> 435 781-9111 Ext</p>	<p><b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES</p>
	<p><b>COUNTY:</b> UINTAH</p>
	<p><b>STATE:</b> UTAH</p>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> 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"/> <b>SPUD REPORT</b> 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"/> <b>DRILLING REPORT</b> Report Date: 8/19/2010	<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 checked="" type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	<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.

The referenced well was turned to sales on 8/19/2010. 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 25, 2010

<p><b>NAME (PLEASE PRINT)</b> Mickenzie Gates</p>	<p><b>PHONE NUMBER</b> 435 781-9145</p>	<p><b>TITLE</b> Operations Clerk</p>
<p><b>SIGNATURE</b> N/A</p>	<p><b>DATE</b> 8/20/2010</p>	

# WELL CHRONOLOGY REPORT

Report Generated On: 08-20-2010

<b>Well Name</b>	CWU 813-21	<b>Well Type</b>	DEVG	<b>Division</b>	DENVER
<b>Field</b>	CHAPITA DEEP	<b>API #</b>	43-047-50402	<b>Well Class</b>	COMP
<b>County, State</b>	UINTAH, UT	<b>Spud Date</b>	07-18-2010	<b>Class Date</b>	
<b>Tax Credit</b>	N	<b>TVD / MD</b>	8,880/ 8,880	<b>Property #</b>	059246
<b>Water Depth</b>	0	<b>Last CSG</b>	2.375	<b>Shoe TVD / MD</b>	0/ 0
<b>KB / GL Elev</b>	5,124/ 5,111				
<b>Location</b>	Section 21, T9S, R23E, SESE, 587 FSL & 669 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>	82.139

<b>AFE No</b>	304090	<b>AFE Total</b>	1,404,100	<b>DHC / CWC</b>	601,600/ 802,500
<b>Rig Contr</b>	TRUE	<b>Rig Name</b>	TRUE #31	<b>Start Date</b>	05-11-2009
<b>05-11-2009</b>	<b>Reported By</b>	SHEILA MALLOY			
<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 : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: LOCATION DATA

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION DATA
			587' FSL & 669' FEL (SE/SE)
			SECTION 21, T9S, R23E
			UINTAH COUNTY, UTAH
			 LAT 40 DEG 00' 57", LONG 109 DEG 19' 27" (NAD 83)
			TRUE #31
			OBJECTIVE: 8880' TD, MESAVERDE
			DW/GAS
			CHAPITA WELLS DEEP PROSPECT
			DD&A: CHAPITA DEEP
			NATURAL BUTTES FIELD
			 LEASE: FEDERAL UTU-0336A
			ELEVATION: 5112.9' NAT GL, 5110.9' PREP GL(DUE TO ROUNDING THE PREP GL WILL BE 5111'), 5127' KB (16')
			 EOG WI 100%, NRI 82.139316%

<b>06-03-2010</b>	<b>Reported By</b>	TERRY CSERE			
<b>Daily Costs: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Daily Total</b>	\$75,000

**Cum Costs: Drilling** \$75,000 **Completion** \$0 **Well Total** \$75,000  
**MD** 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION STARTED ON 6/3/10.

**06-04-2010** **Reported By** TERRY CSERE

**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0  
**Cum Costs: Drilling** \$75,000 **Completion** \$0 **Well Total** \$75,000  
**MD** 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION 10% COMPLETE.

**06-07-2010** **Reported By** TERRY CSERE

**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0  
**Cum Costs: Drilling** \$75,000 **Completion** \$0 **Well Total** \$75,000  
**MD** 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION 20% COMPLETE.

**06-08-2010** **Reported By** TERRY CSERE

**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0  
**Cum Costs: Drilling** \$75,000 **Completion** \$0 **Well Total** \$75,000  
**MD** 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION 50% COMPLETE.

**06-09-2010** **Reported By** TERRY CSERE

**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0  
**Cum Costs: Drilling** \$75,000 **Completion** \$0 **Well Total** \$75,000  
**MD** 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	CLOSED LOOP 80% COMPLETE.

**06-10-2010** **Reported By** KENT DEVENPORT/TERRY CSERE

**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0

**Cum Costs: Drilling** \$75,000 **Completion** \$0 **Well Total** \$75,000  
**MD** 60 **TVD** 60 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** SPUD NOTIFICATION/BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	CRAIGS ROUSTABOUT SERVICE SPUD A 20" HOLE ON 6/10/10 @ 10:00 AM. SET +/-60' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. CAROL DANIELS W/UDOGM WAS NOTIFIED BY PHONE MESSAGE AND BLM WAS NOTIFIED BY EMAIL OF SPUD ON 6/09/10 @ 9:30 AM.
06:00			LOCATION IS 90% COMPLETE. BLADING.

**06-11-2010** **Reported By** TERRY CSERE

**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0  
**Cum Costs: Drilling** \$75,000 **Completion** \$0 **Well Total** \$75,000  
**MD** 60 **TVD** 60 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION COMPLETE. STARTING CLOSED LOOP.

**06-14-2010** **Reported By** TERRY CSERE

**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0  
**Cum Costs: Drilling** \$75,000 **Completion** \$0 **Well Total** \$75,000  
**MD** 60 **TVD** 60 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	GEL CLOSED LOOP TODAY.

**06-15-2010** **Reported By** TERRY CSERE

**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0  
**Cum Costs: Drilling** \$75,000 **Completion** \$0 **Well Total** \$75,000  
**MD** 60 **TVD** 60 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	GEL CLOSED LOOP TODAY.

**06-16-2010** **Reported By** ROBERT WILKINS

**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0  
**Cum Costs: Drilling** \$75,000 **Completion** \$0 **Well Total** \$75,000  
**MD** 60 **TVD** 60 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** BUILD LOCATION

Start	End	Hrs	Activity Description
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06:00 06:00 24.0 LOCATION & ROAD 100%. CRAIG'S ROUSTABOUT SERVICE SPUDS A 20" HOLE ON 6/10/2010 @ 10:00 AM. SET +/-60' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. CAROL DANIELS W/UDOGM WAS NOTIFIED BY PHONE MESSAGE AND BLM WAS NOTIFIED BY EMAIL OF SPUD ON 6/10/10 @ 10:00 AM. NOTIFICATIONS SENT ON 6/09/2010.

<b>06-22-2010</b>	<b>Reported By</b>	KERRY SALES									
<b>Daily Costs: Drilling</b>	\$221,260	<b>Completion</b>	\$0	<b>Daily Total</b>	\$221,260						
<b>Cum Costs: Drilling</b>	\$296,260	<b>Completion</b>	\$0	<b>Well Total</b>	\$296,260						
<b>MD</b>	2,428	<b>TVD</b>	2,428	<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: WORT

Start	End	Hrs	Activity Description
06:00	06:00	24.0	MIRU CRAIG'S AIR RIG #2 ON 6/17/2010. DRILLED 12-1/4" HOLE TO 2412' GL (2428' KB). ENCOUNTERED WATER AT 1580' AND GOT A WATER SAMPLE FOR UTAH STATE. FLUID DRILLED FROM 1590'. LOST CIRCULATION AT 1750'. DRILLED WITH FLUID TO TD. ROUGH DRILLING, BIRDS NEST FROM 1700' TO 1800'. CHECKED WATER LEVEL DEPTH IN WELL AFTER 1 HOUR STATIC AT TD, 285' DEEP. RAN 57 JT'S (2400.82') OF 9-5/8", 36.0#, J-55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED AT 2416.82' KB. RDMO CRAIGS RIG #2.

MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 4700 PSIG. PUMPED 170 BBLs FRESH WATER & 20 BBLs GEL WATER FLUSH AHEAD OF CEMENT. TAIL: MIXED AND PUMPED 400 SKS (84 BBLs) OF PREMIUM CEMENT W/ 2% CACL MIXED CEMENT @ 15.6 PPG, YIELD 1.18 CF/SX. DISPLACED THE CEMENT W/182 BBLs FRESH WATER. BUMPED PLUG W/1112 PSI, FCP 136 PSI AT 11:50 AM ON 06/21/10. FLOAT HELD. NO RETURNS OF CEMENT TO SURFACE. WOC 2 3/4 HOURS.

TOP JOB # 1: DOWN 6' OF 1" PIPE, MIXED & PUMPED 75 SX (15.4 BBLs) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG, YIELD 1.15 CF/SX. NO RETURNS DURING ANY PART OF THE OPERATION. WAIT ON CEMENT 2.5 HOURS.

TOP JOB # 2: MIXED & PUMPED 75 SX (15.4 BBLs) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG, YIELD 1.15 CF/SX. NO RETURNS. WOC 2 HOURS.

TOP JOB # 3: MIXED & PUMPED 100 SX (20.5 BBLs) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG, YIELD 1.15 CF/SX. GOOD RETURNS 4 BBL'S. CEMENT STOOD AT SURFACE OBSERVED WELL FOR 2 HOURS WHILE RIGGING DOWN. RELEASE HALLIBURTON.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

CRAIG'S RIG 2 TOOK 3 SURVEYS WHILE DRILLING HOLE @ 1530' = .75 DEGREES, 2160' = 3 DEGREES, 2400' = 4 DEGREES.

KERRY SALES NOTIFIED BLM OF THE SURFACE CASING & CEMENT JOB ON 06/20/2010 @ 07:00 P.M. KERRY SALES NOTIFIED CAROL DANIELS WITH UDOGM ON 06/20/2010 @ 11:00P.M. CONTACTS MADE ON 06/19/2010 @ 11:04 AM.

<b>07-18-2010</b>	<b>Reported By</b>	PAT CLARK									
<b>Daily Costs: Drilling</b>	\$79,507	<b>Completion</b>	\$0	<b>Daily Total</b>	\$79,507						
<b>Cum Costs: Drilling</b>	\$375,767	<b>Completion</b>	\$0	<b>Well Total</b>	\$375,767						
<b>MD</b>	2,428	<b>TVD</b>	2,428	<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: TEST BOPE**

Start	End	Hrs	Activity Description
06:00	03:00	21.0	HSM W/WESTROC TRUCKING, MT WEST, TRUE 31 CREW. MIRURT. TRUCKS AND CRANE RELEASED @ 14:00, DERRICK IN AIR @ 16:00.
03:00	06:00	3.0	RIG ON DAYWORK @ 03:00, 7-18-2010. HSM. NIPPLE UP & TEST BOPE. VISUALLY INSPECT ANNULAR AND OTHER COMPONENTS FOR WEAR. TEST HIGH 5000 PSI, UPPER AND LOWER KELLY VALVE, SAFETY AND DART VALVE, PIPE AND BLIND RAMS, HCR, KILL LINE AND VALVE, CHOKE LINE, CHOKE VALVE, MANIFOLD. TEST HIGH 1500 PSI HIGH ANNULAR PREVENTER. TEST CASING TO 1500 PSI FOR 30 MINUTES. PERFORM ACCUMULATOR FUNCTION TEST.

BLM NOTIFIED OF BOP TEST BY E-MAIL ON 7-16-2010 @ 09:30.  
 NO BLM REPRESENTATIVE TO WITNESS TEST.  
 DAYLIGHT CREW SHORT ONE MAN, NO ACCIDENTS.  
 SAFETY MEETINGS - RIG MOVE, 100% TIE-OFF, TEST BOP.  
 FUEL - 2176, USED - 664.

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07-19-2010		Reported By	PAT CLARK								
<b>Daily Costs: Drilling</b>	\$66,300	<b>Completion</b>	\$0	<b>Daily Total</b>	\$66,300						
<b>Cum Costs: Drilling</b>	\$442,067	<b>Completion</b>	\$0	<b>Well Total</b>	\$442,067						
<b>MD</b>	4,153	<b>TVD</b>	4,153	<b>Progress</b>	1,737	<b>Days</b>	1	<b>MW</b>	10.4	<b>Visc</b>	40.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>							

**Activity at Report Time: DRILLING @ 4153'**

Start	End	Hrs	Activity Description
06:00	07:00	1.0	FINISH BOP TEST. INSTALL WEAR BUSHING.
07:00	11:00	4.0	HSM W/WEATHERFORD TRS, R/U TRS. PU BHA & TOOLS. TAG CEMENT @ 2365'. R/D TRS.
11:00	12:00	1.0	PRE-SPUD WALKTHROUGH, CHECK FOR LEAKS.
12:00	14:00	2.0	INSTALL ROT RUBBER. DRILL CEMENT/FLOAT EQUIP. FC @ 2374', GS @ 2416', DRILL 10'. PERFORM FIT TO 10.5 EMW.
14:00	15:30	1.5	DRILL 2426' - 2521'. WOB 10-15K, RPM 59/ 74, SPP 2000 PSI, DP 300 PSI, ROP 63 FPH.
15:30	16:00	0.5	SURVEY @ 2488' - 3.92 DEG.
16:00	16:30	0.5	RIG SERVICE. CHECK COM.
16:30	00:30	8.0	DRILL 2521' - 3496'. SAME PARAMETERS, ROP 122 FPH.
00:30	01:00	0.5	SURVEY @ 3416 - 2.12 DEG.
01:00	06:00	5.0	DRILL 3496' - 4153'. WOB 15-20K, RPM 59/74, SPP 2200 PSI, DP 350 PSI, ROP 131 FPH.

FULL CREWS, NO ACCIDENTS, BOP DRILL MORNING TOUR.  
 SAFETY MEETINGS - P/U BHA, CONNECTIONS.  
 FUEL - 8997, DEL - 8000, USED - 1179.  
 MW - 10.4 PPG, VISC - 38 SPQ, NO LOSSES.

06:00 SPUD 7 7/8" HOLE @ 14:00 HRS, 7/18/10..

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07-20-2010		Reported By	PAT CLARK								
<b>Daily Costs: Drilling</b>	\$28,655	<b>Completion</b>	\$0	<b>Daily Total</b>	\$28,655						
<b>Cum Costs: Drilling</b>	\$470,722	<b>Completion</b>	\$0	<b>Well Total</b>	\$470,722						
<b>MD</b>	6,319	<b>TVD</b>	6,319	<b>Progress</b>	2,166	<b>Days</b>	2	<b>MW</b>	10.5	<b>Visc</b>	38.0

**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** DRILLING @ 6319'

Start	End	Hrs	Activity Description
06:00	07:30	1.5	DRILL 4153' - 4402'. WOB 15K, RPM 59/74, SPP 2250 PSI, DP 350 PSI, ROP 166 FPH.
07:30	08:00	0.5	SURVEY - 4.01 DEG.
08:00	12:00	4.0	DRILL 4402' - 4807'. SAME PARAMETERS, ROP 101 FPH.
12:00	12:30	0.5	RIG SERVICE. CHECK COM.
12:30	06:00	17.5	DRILL 4807' - 6319'. WOB 17K, RPM 59/67, SPP 2300 PSI, DP 300 PSI, ROP 86 FPH. SWITCH TO #2 PUMP @ MIDNIGHT.

CHAPITA WELLS @ 5048', BUCK CANYON @ 5719', NORTH HORN @ 6315'.  
FULL CREWS, NO ACCIDENTS, BOP DRILL DAYLIGHTS.  
SAFETY MEETINGS - PPE, LAST DAY OF HITCH.  
FUEL - 7495, USED - 1502.  
MW - 10.7 PPG, VIS - 38 SP, NO LOSSES.

**07-21-2010** **Reported By** PAT CLARK

<b>Daily Costs: Drilling</b>	\$29,610	<b>Completion</b>	\$0	<b>Daily Total</b>	\$29,610						
<b>Cum Costs: Drilling</b>	\$500,333	<b>Completion</b>	\$0	<b>Well Total</b>	\$500,333						
<b>MD</b>	7,853	<b>TVD</b>	7,853	<b>Progress</b>	1,534	<b>Days</b>	3	<b>MW</b>	10.7	<b>Visc</b>	39.0

**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** DRILLING @ 7853'

Start	End	Hrs	Activity Description
06:00	08:30	2.5	DRILL 6319' - 6478'. WOB 17-20K, RPM 59/67, SPP 2250 PSI, DP 250 PSI, ROP 64 FPH.
08:30	09:00	0.5	SURVEY @ 6445' - 3.59 DEG.
09:00	12:00	3.0	DRILL 6478' - 6696'. SAME PARAMETERS, ROP 73 FPH.
12:00	12:30	0.5	RIG SERVICE. CHECK COM.
12:30	06:00	17.5	DRILL 6696' - 7853'. WOB 15-20K, RPM 61/67, SPP 2350 PSI, DP 250 PSI, ROP 66 FPH.

PRICE RIVER @ 6578', MIDDLE PRICE @ 7383'.  
FULL CREWS, NO ACCIDENTS, BOP DRILL MORNING TOUR.  
SAFETY MEETINGS - FIRST DAY BACK, PROPER LIFTING.  
FUEL - 6100, USED - 1395.  
MW - 11.1 PPG, VIS - 40 SPQ, NO LOSSES.

**07-22-2010** **Reported By** PAT CLARK

<b>Daily Costs: Drilling</b>	\$31,413	<b>Completion</b>	\$0	<b>Daily Total</b>	\$31,413						
<b>Cum Costs: Drilling</b>	\$531,746	<b>Completion</b>	\$0	<b>Well Total</b>	\$531,746						
<b>MD</b>	8,880	<b>TVD</b>	8,880	<b>Progress</b>	1,027	<b>Days</b>	4	<b>MW</b>	11.2	<b>Visc</b>	42.0

**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

**Activity at Report Time:** CIRCULATE @ TD OF 8880'

Start	End	Hrs	Activity Description
06:00	13:00	7.0	DRILL 7853' - 8197'. WOB 15-20K, RPM 60/67, SPP 2350 PSI, DP 300 PSI, ROP - 49 FPH.
13:00	13:30	0.5	RIG SERVICE. CHECK COM.
13:30	21:00	7.5	DRILL 8197' - 8543'. SAME PARAMETERS, ROP 46 FPH.

WENT BACK ON #1 PUMP @ 18:00 – CLUTCH OUT ON # 2.. MODULE WASHED ON # 1 PUMP @ 21:00.

21:00	22:00	1.0	WORK ON PUMPS.
22:00	05:30	7.5	DRILL 8543' – 8880'. SAME PARAMETERS, ROP 45 FPH. REACHED TD @ 05:30 HRS, 7/22/10.
05:30	06:00	0.5	PUMP 70 BBL, 70 VIS SWEEP. CIRCULATE FOR WIPER TRIP.

FULL CREWS, NO ACCIDENTS.  
 SAFETY MEETINGS – PROPER TOOLS, PPE.  
 FUEL – 4300, USED – 1800.  
 MW – 11.5 PPG, VIS – 40 SPQ, LOST 60 BBLs.

**07-23-2010**      **Reported By**      PAT CLARK

<b>DailyCosts: Drilling</b>	\$24,026	<b>Completion</b>	\$0	<b>Daily Total</b>	\$24,026						
<b>Cum Costs: Drilling</b>	\$555,773	<b>Completion</b>	\$0	<b>Well Total</b>	\$555,773						
<b>MD</b>	8,880	<b>TVD</b>	8,880	<b>Progress</b>	0	<b>Days</b>	5	<b>MW</b>	11.6	<b>Visc</b>	40.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>							

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

Start	End	Hrs	Activity Description
06:00	07:00	1.0	CIRCULATE AND CONDITION FOR WIPER TRIP. GOT SWEEP BACK, SAND AND FINES, SOME SHALE.
07:00	08:00	1.0	PUMP PILL, TOH TO 4372'.
08:00	17:00	9.0	WORK TIGHT HOLE @ 4372. KELLY UP, CIRCULATE, RUN 40 BBL 75 VIS SWEEP. SWEEP BROUGHT SHALE OUT OF THE HOLE. RAISE MUD WEIGHT FROM 11.6# TO 12.0# MAXIMUM OVERPULL WHILE WORKING TIGHT HOLE 40,000 OVER
17:00	20:30	3.5	CONTINUE TOH TO 3232'. WORK TIGHT HOLE. KELLY UP, CIRCULATE, PUMP 70 BBL HIGH VIS SWEEP. LIMITED AMOUNT OF DEBRIS FROM HOLE. BUILD VOLUME.
20:30	23:00	2.5	FINISH TOH. L/D REAMERS, MM. RETRIEVE SURVEY – 2.3 DEG.
23:00	02:00	3.0	TIH. FILL PIPE @ 4000'.
02:00	04:30	2.5	WASH AND REAM 8695' – 8880'.
04:30	06:00	1.5	CIRCULATE AND CONDITION TO LDDP. RUN 70 BBL 70 VIS SWEEP.

DAYLIGHT CREW SHORT ONE HAND, NO ACCIDENTS.  
 SAFETY MEETINGS – TRIPPING, TIGHT HOLE.  
 FUEL – 3290, USED – 1010.  
 MW – 12 PPG, VIS – 40 SPQ, LOST 250 BBLs.

**07-24-2010**      **Reported By**      PAT CLARK

<b>DailyCosts: Drilling</b>	\$34,215	<b>Completion</b>	\$163,175	<b>Daily Total</b>	\$197,390						
<b>Cum Costs: Drilling</b>	\$589,988	<b>Completion</b>	\$163,175	<b>Well Total</b>	\$753,163						
<b>MD</b>	8,880	<b>TVD</b>	8,880	<b>Progress</b>	0	<b>Days</b>	6	<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	Activity Description
06:00	07:00	1.0	CIRCULATE AND CONDITION TO LDDP. PUMP PILL.
07:00	13:00	6.0	HSM. R/U WEATHERFORD TRS. LDDP. BREAK KELLY, L/D BHA. PULL WEAR BUSHING.

13:00 19:00 6.0 HSM. RUN 4 1/2", 11.6#, N-80, LT&C CSG AS FOLLOWS: FLOAT SHOE @ 8871', 1 JT CSG, FLOAT COLLAR @ 8827', 53 JTS CSG, MJ @ 6584', 55 JTS CSG, MJ @ 4246', 100 JTS CSG (209 TOTAL). P/U JT # 210, TAG BOTTOM @ 8880'. L/D JT # 210. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS ON BOTTOM THREE JOINTS, 25 BOW SPRING CENTRALIZERS ON EVERY THIRD JT TO 5682'. R/D TRS.

19:00 21:00 2.0 HSM. CIRCULATE, R/U CEMENTERS.

21:00 23:00 2.0 HSM, R/U HALLIBURTON. PRESSURE TEST LINES TO 5000 PSI, CEMENT WELL AS FOLLOWS: PUMP 20 BBLS MUD FLUSH, MIX AND PUMP 535 SX (160 BBLS, 899 CU/FT) LEAD Highbond 75 CEMENT @ 12.5 PPG, 1.68 YLD, H2O 8.22 GAL/SK + 4% BENTONITE + .3% VERSASET. MIX AND PUMP 1280 SX (335 BBLS, 1882 CU/FT) TAIL EXTENDACEM CEMENT @ 13.5 PPG, 1.47 YLD, H2O 6.98 GAL/SK + .125 LBM POLY-E-FLAKE. WASH UP TO RIG CATCH TANK, DROP PLUG AND DISPLACE W/137 BBLS FRESH WATER. FULL RETURNS THROUGHOUT. MAX PRESSURE 2600 PSI. BUMPED PLUG TO 4100 PSI. BLEED BACK 2.5 BBLS, FLOATS HELD. PRESSURE BACK UP TO 2500 PSI. R/D HALLIBURTON. PLUG DOWN @ 23:00.

23:00 00:00 1.0 WAIT ON CEMENT, CLEAN PITS.

00:00 01:00 1.0 PACK OFF AND TEST DTO TO 5000 PSI.

01:00 06:00 5.0 RDRT. PREPARE TO MOVE 2.5 MILES TO CWU 1268-27 @ 06:00.

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS - LDDP, RUN CSG, CEMENTING, RDRT.

FUEL - 2650, USED - 640.

TRANSFER 3 JTS 4 1/2", 11.6#, N-80, LTC CSG (42.45', 42.40', 42.45' - 127.30' TOTAL) TO CWU 1268-27.

TRANSFER 2 MJ (21.32', 21.95' - 43.27' TOTAL) TO CWU 1268-27.

TRANSFER 2650 GALS DIESEL FUEL @ \$2.585/GAL TO CWU 1268-27.

06:00 RIG RELEASED @ 1:00 HRS, 7/24/2010.  
CASING POINT COST \$580,989.

<b>07-29-2010</b>		<b>Reported By</b>		SEARLE							
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$18,500	<b>Daily Total</b>	\$18,500						
<b>Cum Costs: Drilling</b>	\$589,988	<b>Completion</b>	\$181,675	<b>Well Total</b>	\$771,663						
<b>MD</b>	8,880	<b>TVD</b>	8,880	<b>Progress</b>	0	<b>Days</b>	7	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>		<b>PBTD :</b> 8826.0		<b>Perf :</b>		<b>PKR Depth :</b> 0.0					

**Activity at Report Time:** PREP FOR FRACS

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
06:00			MIRU CUTTERS WIRELINE. LOG WITH CBL/CCL/VDL/GR FROM 8795' TO 60'. EST CEMENT TOP @ 2570'. RDWL.

<b>07-30-2010</b>		<b>Reported By</b>		SEARLE							
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$700	<b>Daily Total</b>	\$700						
<b>Cum Costs: Drilling</b>	\$589,988	<b>Completion</b>	\$182,375	<b>Well Total</b>	\$772,363						
<b>MD</b>	8,880	<b>TVD</b>	8,880	<b>Progress</b>	0	<b>Days</b>	8	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>		<b>PBTD :</b> 8826.0		<b>Perf :</b>		<b>PKR Depth :</b> 0.0					

**Activity at Report Time:** WAIT ON FRACS

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
06:00	06:00	24.0	RU WSS. PRESSURE TEST CASING TO 6500 PSIG. HELD OK. RD WSS

08-14-2010 Reported By MCCURDY

DailyCosts: Drilling \$0 Completion \$818 Daily Total \$818  
 Cum Costs: Drilling \$589,988 Completion \$183,193 Well Total \$773,181

MD 8,880 TVD 8,880 Progress 0 Days 9 MW 0.0 Visc 0.0

Formation : MESAVERDE PBSD : 8826.0 Perf : 7996'-8625' PKR Depth : 0.0

Activity at Report Time: FRAC

Start	End	Hrs	Activity Description
06:00	06:00	24.0	<p>STAGE 1. MIRU CUTTERS WIRELINE &amp; PERFORATE LPR FROM 8295'-96', 8322'-23', 8351'-52', 8361'-62', 8409'-10', 8416'-17', 8436'-37', 8442'-43', 8461'-62', 8490'-91', 8512'-13', 8614'-15', 8618'-19', 8624'-25' @ 2 SPF &amp; 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500), 165 GAL (WSI 7360), 7402 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 42632 GAL 16# DELTA 200 W/144700# 20/40 SAND @ 2-5 PPG. MTP 6250 PSIG. MTR 50 BPM. ATP 4679 PSIG. ATR 48.7 BPM. ISIP 2700 PSIG. RD HALLIBURTON.</p> <p>STAGE 2. RUWL. SET 6K CFP AT 8270'. PERFORATE MPR / LPR FROM 7996'-97', 8004'-05', 8018'-19', 8028'-29', 8059'-60', 8071'-72', 8080'-81', 8088'-89', 8117'-18', 8125'-26', 8135'-36', 8220'-21', 8238'-39', 8252'-53' @ 2 SPF &amp; 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500), 165 GAL (WSI 7360), 3165 GAL 16# LINEAR W/3200# 20/40 SAND @ 1-1.5 PPG, 50097 GAL 16# DELTA 200 W/161500# 20/40 SAND @ 2-4 PPG. MTP 6803 PSIG. MTR 50.3 BPM. ATP 5786 PSIG. ATR 38 BPM. ISIP 4120 PSIG. RD HALLIBURTON. SWIFN.</p>

08-15-2010 Reported By MCCURDY

DailyCosts: Drilling \$0 Completion \$402,505 Daily Total \$402,505  
 Cum Costs: Drilling \$589,988 Completion \$585,698 Well Total \$1,175,687

MD 8,880 TVD 8,880 Progress 0 Days 10 MW 0.0 Visc 0.0

Formation : MESAVERDE PBSD : 8826.0 Perf : 6552'-8625' PKR Depth : 0.0

Activity at Report Time: PREP TO MIRUSU FOR CLEAN OUT

Start	End	Hrs	Activity Description
06:00	06:00	24.0	<p>STAGE 3. SICP 2157 PSIG. RUWL. SET 6K CFP AT 7977'. PERFORATE MPR FROM 7796'-97', 7804'-05', 7814'-15', 7823'-24', 7832'-33', 7838'-39', 7852'-53', 7862'-63', 7899'-900', 7904'-05', 7916'-17', 7922'-23', 7950'-51', 7960'-61' @ 2 SPF &amp; 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500), 165 GAL (WSI 7360), 7419 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 34020 GAL 16# DELTA 200 W/113300# 20/40 SAND @ 2-4 PPG. MTP 5570 PSIG. MTR 50.1 BPM. ATP 4778 PSIG. ATR 49.8 BPM. ISIP 3825 PSIG. RD HALLIBURTON.</p> <p>STAGE 4. RUWL. SET 6K CFP AT 7768'. PERFORATE MPR FROM 7673'-74', 7678'-79', 7683'-84', 7690'-91', 7696'-97', 7700'-01', 7705'-06', 7711'-12', 7717'-18', 7729'-30', 7734'-35', 7740'-41', 7749'-50', 7752'-53' @ 2 SPF &amp; 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500), 165 GAL (WSI 7360), 7455 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 25695 GAL 16# DELTA 200 W/86400# 20/40 SAND @ 2-5 PPG. MTP 5122 PSIG. MTR 51 BPM. ATP 4319 PSIG. ATR 48.6 BPM. ISIP 3172 PSIG. RD HALLIBURTON.</p> <p>STAGE 5. RUWL. SET 6K CFP AT 7642'. PERFORATE MPR FROM 7439'-40', 7450'-51', 7462'-63', 7496'-97', 7506'-07', 7535'-36', 7546'-47', 7558'-59', 7566'-67', 7575'-76', 7590'-91', 7601'-02', 7612'-13', 7624'-25' @ 2 SPF &amp; 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500), 165 GAL (WSI 7360), 7420 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 54097 GAL 16# DELTA 200 W/189300# 20/40 SAND @ 2-5 PPG. MTP 5810 PSIG. MTR 50.1 BPM. ATP 3983 PSIG. ATR 49.2 BPM. ISIP 2343 PSIG. RD HALLIBURTON.</p>

STAGE 6. RUWL. SET 6K CFP AT 7387'. PERFORATE UPR FROM 7121'-22', 7124'-25', 7148'-49', 7152'-53', 7161'-62', 7188'-89', 7244'-45', 7268'-69', 7271'-72', 7300'-01', 7308'-09', 7325'-26', 7356'-57', 7363'-64' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500), 165 GAL (WSI 7360), 7413 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 27771 GAL 16# DELTA 200 W/94200# 20/40 SAND @ 2-5 PPG. MTP 5550 PSIG. MTR 50.1 BPM. ATP 4324 PSIG. ATR 49.4 BPM. ISIP 2557 PSIG. RD HALLIBURTON.

STAGE 7. RUWL. SET 6K CFP AT 7062'. PERFORATE UPR FROM 6792'-93', 6798'-99', 6820'-21', 6836'-37', 6846'-47', 6851'-52', 6861'-62', 6884'-85', 6913'-14', 6964'-65', 6969'-70', 6988'-89', 7035'-36', 7042'-43' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500), 165 GAL (WSI 7360), 7418 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 42124 GAL 16# DELTA 200 W/146200# 20/40 SAND @ 2-5 PPG. MTP 4703 PSIG. MTR 50.2 BPM. ATP 3555 PSIG. ATR 48.4 BPM. ISIP 2350 PSIG. RD HALLIBURTON.

STAGE 8. RUWL. SET 6K CFP AT 6740'. PERFORATE UPR FROM 6552'-53', 6559'-60', 6565'-66', 6576'-77', 6622'-23', 6640'-41', 6652'-53', 6658'-59', 6664'-65', 6674'-75', 6686'-87', 6718'-19' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500), 165 GAL (WSI 7360), 7407 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 24019 GAL 16# DELTA 200 W/24019# 20/40 SAND @ 2-5 PPG. MTP 50.3 PSIG. MTR 50.3 BPM. ATP 3641 PSIG. ATR 50 BPM. ISIP 1953 PSIG. RD HALLIBURTON.

RUWL. SET 6K CBP AT 6458'. RD CUTTERS WIRELINE. SDFN.

08-19-2010		Reported By		HISLOP							
<b>DailyCosts: Drilling</b>	\$0			<b>Completion</b>	\$20,555		<b>Daily Total</b>	\$20,555			
<b>Cum Costs: Drilling</b>	\$589,988			<b>Completion</b>	\$606,253		<b>Well Total</b>	\$1,196,242			
<b>MD</b>	8,880	<b>TVD</b>	8,880	<b>Progress</b>	0	<b>Days</b>	11	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : MESAVERDE</b>			<b>PBTD : 8826.0</b>			<b>Perf : 6552'-8625'</b>			<b>PKR Depth : 0.0</b>		
<b>Activity at Report Time: POST FRAC CLEAN OUT</b>											
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>								
06:00	06:00	24.0	MIRUSU. ND FRAC TREE & NU BOP. PRESSURE TESTED BOP & BLIND RAMS TO 3000 PSIG. RIH W/ BIT & PUMP OFF SUB TO 6458'. RU TO DRILL OUT PLUGS. KILL PLUG LEAKING. INSTALLED WASHINGTON RUBBER. TEST PIPE RAMS. HELD @ SURFACE 2000 PSIG. SDFN.								

08-20-2010		Reported By		HISLOP							
<b>DailyCosts: Drilling</b>	\$0			<b>Completion</b>	\$54,246		<b>Daily Total</b>	\$54,246			
<b>Cum Costs: Drilling</b>	\$589,988			<b>Completion</b>	\$660,499		<b>Well Total</b>	\$1,250,488			
<b>MD</b>	8,880	<b>TVD</b>	8,880	<b>Progress</b>	0	<b>Days</b>	12	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : MESAVERDE</b>			<b>PBTD : 8826.0</b>			<b>Perf : 6552'-8625'</b>			<b>PKR Depth : 0.0</b>		
<b>Activity at Report Time: FLOW TEST TO SALES-INITIAL PRODUCTION</b>											
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>								
06:00	06:00	24.0	INITIAL PRODUCTION. OPENING PRESSURE: TP 1400 PSIG & CP 1900 PSIG. TURNED WELL OVER TO QUESTAR SALES AT 4:00 PM, 8/19/10. FLOWED 800 MCFD RATE ON 24/64" POS CHOKE. STATIC 267. QUESTAR METER #008523.								

SICP 0 PSIG. CLEANED OUT & DRILLED OUT PLUGS @ 6458', 6740', 7062', 7387', 7642', 7768', 7977' & 8270'. CLEANED OUT TO 8731'. LANDED TUBING @ 7403' KB. ND BOP & NU TREE. PUMPED OFF BIT & SUB. RDMOSU.

FLOWED THROUGH TEST UNIT TO SALES. 15 HRS. 24/64" CHOKE. FTP 1600 PSIG. CP 2600 PSIG. 60 BFPH. RECOVERED 968 BLW. 8632 BLWTR. 1550 MCFD RATE.

TUBING DETAIL    LENGTH

PUMP OFF BIT SUB    0.91'

1 JT 2-3/8" 4.7# N-80 TBG    32.68'

XN NIPPLE    1.30'

226 JTS 2-3/8" 4.7# N-80 TBG    7352.31'

BELOW KB    16.00'

LANDED @    7403.20' KB

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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.  
UTU0336A

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: MICHELLE E ROBLES  
E-Mail: MICHELLE\_ROBLES@EOGRESOURCES.COM

3. Address 1060 EAST HIGHWAY 40  
VERNAL, UT 84078 3a. Phone No. (include area code)  
Ph: 307-276-4842

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface SESE 587FSL 669FEL 40.00570 N Lat, 109.19270 W Lon  
 At top prod interval reported below SESE 587FSL 669FEL 40.00570 N Lat, 109.19270 W Lon  
 At total depth SESE 587FSL 669FEL 40.00570 N Lat, 109.19270 W Lon

14. Date Spudded 06/10/2010 15. Date T.D. Reached 07/22/2010 16. Date Completed  
 D & A  Ready to Prod. 08/19/2010

18. Total Depth: MD 8880 TVD 19. Plug Back T.D.: MD 8826 TVD 20. Depth Bridge Plug Set: MD 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)

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
UTU63013BF

8. Lease Name and Well No.  
CHAPITA WELLS UNIT 813-21

9. API Well No.  
43-047-50402

10. Field and Pool, or Exploratory  
NATURAL BUTTES

11. Sec., T., R., M., or Block and Survey  
or Area Sec 21 T9S R23E Mer SLB

12. County or Parish UINTAH 13. State UT

17. Elevations (DF, KB, RT, GL)\*  
5113 GL

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		2417		650			
7.875	4.500 N-80	11.6		8871		1815			

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	7403							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	6552	8625	8295 TO 8625		2	
B)			7996 TO 8253		2	
C)			7796 TO 7961		2	
D)			7673 TO 7753		2	

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

Depth Interval	Amount and Type of Material
8295 TO 8625	50,254 GALS OF GELLED WATER & 154,200# 20/40 SAND
7996 TO 8253	53,482 GALS OF GELLED WATER & 164,700# 20/40 SAND
7796 TO 7961	41,659 GALS OF GELLED WATER & 122,800# 20/40 SAND
7673 TO 7753	33,370 GALS OF GELLED WATER & 96,000# 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
08/19/2010	09/01/2010	24	→	50.0	752.0	205.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24/64	1000 SI	1600.0	→	50	752	205		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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #93140 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED

RECEIVED

SEP 27 2010

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
MESAVERDE	6552	8625		GREEN RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER	1245 1592 2206 4344 4459 5062 5752 6548

32. Additional remarks (include plugging procedure):

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 #93140 Verified by the BLM Well Information System.  
For EOG RESOURCES, INC., sent to the Vernal**

Name (please print) MICHELLE E ROBLES

Title REGULATORY ASSISTANT

Signature \_\_\_\_\_ (Electronic Submission)

Date 09/21/2010

*Michelle Robles*

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.

**CWU 813-21 Completion Rpt - Additional Remarks (continued):**

**26. PERFORATION RECORD**

7439-7625	2/spf
7121-7364	2/spf
6792-7043	2/spf
6552-6719	3/spf

**27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.**

7439-7625	61,737 GALS GELLED WATER & 198,800# 20/40 SAND
7121-7364	35,404 GALS GELLED WATER & 103,700# 20/40 SAND
6792-7043	49,762 GALS GELLED WATER & 155,700# 20/40 SAND
6552-6719	31,646 GALS GELLED WATER & 33,519# 20/40 SAND

PERFORATE LOWER PRICE RIVER FROM 8295'-96', 8322'-23', 8351'-52', 8361'-62', 8409'-10', 8416'-17', 8436'-37', 8442'-43', 8461'-62', 8490'-91', 8512'-13', 8614'-15', 8618'-19', 8624'-25' @ 2 SPF.

PERFORATE MIDDLE PRICE RIVER / LOWER PRICE RIVER FROM 7996'-97', 8004'-05', 8018'-19', 8028'-29', 8059'-60', 8071'-72', 8080'-81', 8088'-89', 8117'-18', 8125'-26', 8135'-36', 8220'-21', 8238'-39', 8252'-53' @ 2 SPF.

PERFORATE MIDDLE PRICE RIVER FROM 7796'-97', 7804'-05', 7814'-15', 7823'-24', 7832'-33', 7838'-39', 7852'-53', 7862'-63', 7899'-900', 7904'-05', 7916'-17', 7922'-23', 7950'-51', 7960'-61' @ 2 SPF.

PERFORATE MIDDLE PRICE RIVER FROM 7673'-74', 7678'-79', 7683'-84', 7690'-91', 7696'-97', 7700'-01', 7705'-06', 7711'-12', 7717'-18', 7729'-30', 7734'-35', 7740'-41', 7749'-50', 7752'-53' @ 2 SPF.

PERFORATE MIDDLE PRICE RIVER FROM 7439'-40', 7450'-51', 7462'-63', 7496'-97', 7506'-07', 7535'-36', 7546'-47', 7558'-59', 7566'-67', 7575'-76', 7590'-91', 7601'-02', 7612'-13', 7624'-25' @ 2 SPF.

PERFORATE UPPER PRICE RIVER FROM 7121'-22', 7124'-25', 7148'-49', 7152'-53', 7161'-62', 7188'-89', 7244'-45', 7268'-69', 7271'-72', 7300'-01', 7308'-09', 7325'-26', 7356'-57', 7363'-64' @ 2 SPF.

PERFORATE UPPER PRICE RIVER FROM 6792'-93', 6798'-99', 6820'-21', 6836'-37', 6846'-47', 6851'-52', 6861'-62', 6884'-85', 6913'-14', 6964'-65', 6969'-70', 6988'-89', 7035'-36', 7042'-43' @ 2 SPF.

PERFORATE UPPER PRICE RIVER FROM 6552'-53', 6559'-60', 6565'-66', 6576'-77', 6622'-23', 6640'-41', 6652'-53', 6658'-59', 6664'-65', 6674'-75', 6686'-87', 6718'-19' @ 3 SPF.

**31. FORMATION MARKERS**

Middle Price River	7366
Lower Price River	8129
Sego	8691

**RECEIVED**

FORM APPROVED  
OMB No. 1004-0136  
Expires July 31, 2010

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAY 05 2009

APPLICATION FOR PERMIT TO DRILL OR REENTER **BLM**

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU0336A
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator EOG RESOURCES INC		7. If Unit or CA Agreement, Name and No. UTU63013BF
Contact: KAYLENE R GARDNER E-Mail: KAYLENE_GARDNER@EOGRESOURCES.COM		8. Lease Name and Well No. CWU 813-21
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435-781-9111	9. API Well No. <b>43 047 50402</b>
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SESE 587FSL 669FEL At proposed prod. zone SESE 587FSL 669FEL		10. Field and Pool, or Exploratory NATURAL BUTTES
14. Distance in miles and direction from nearest town or post office* 55.4		11. Sec., T., R., M., or Blk. and Survey or Area Sec 21 T9S R23E Mer SLB SME: BLM
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 587	16. No. of Acres in Lease 1440.00	12. County or Parish UINTAH
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1060	19. Proposed Depth 8880 MD 8880 TVD	13. State UT
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5113 GL	22. Approximate date work will start	17. Spacing Unit dedicated to this well
20. BLM/BIA Bond No. on file NM2308		23. Estimated duration 45-DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall 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 shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature (Electronic Submission)	Name (Printed/Typed) KAYLENE R GARDNER Ph: 435-781-9111	Date 05/05/2009
--	--	--------------------

Title LEAD REGULATORY ASSISTANT		
Approved by (Signature) <i>Noroni Hetch</i>	Name (Printed/Typed) Noroni Hetch	Date 7/29/2009
Title <i>Noroni</i> Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify 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.

Additional Operator Remarks (see next page)

Electronic Submission #69746 verified by the BLM Well Information System  
For EOG RESOURCES INC, sent to the Vernal  
Committed to AFMSS for processing by GAIL JENKINS on 05/05/2009 (196214281 AB)

NOTICE OF APPROVAL

**UDOGM**

**RECEIVED**  
AUG 03 2009

\*\* BLM REVISED \*\*

096XJ3447 AE LOS: 03-17-2009

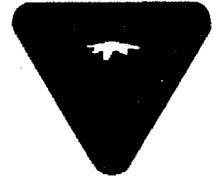


**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE**

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 813-21  
**API No:** 43-047-50402

**Location:** SESE, Sec. 21, T9S, R23E  
**Lease No:** UTU-0336A  
**Agreement:** Chapita Wells Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Christine Cimiluca	(435) 781-4475	
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Lori Ford	(435) 781-4406	
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544

**Fax: (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.
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.

**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, more 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 borrow area.
- Surface pipelines will be placed in such a way that they will not wander into the borrow 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:**

- The production casing cement shall extend a minimum of 200 feet above the surface casing shoe.
- A formation integrity test shall be performed at the surface casing shoe.
- Gamma Ray Log shall be run from Total Depth to Surface.

Variances Granted

Air Drilling

- Dust suppression equipment. Variance granted for water mist system to substitute for the dust suppression equipment.
- Blooie line discharge 100' from the well bore, variance granted for blooie line discharge to be 75' from the well bore.
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the well bore. Variance granted for truck/trailer mounted air compressors.
- Straight run blooie line. Variance granted for targeted "T's" at bends.
- Automatic igniter. Variance granted for igniter due to water mist.

**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 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.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- 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 ( $\frac{1}{4}$ / $\frac{1}{4}$ , 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.