API Well No: 43047513180000 Received: 10/7/2010

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

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL	**1. WELL NAME and NUMBER** CWU 1492-25D
2. TYPE OF WORK DRILL NEW WELL ■ REENTER P&A WELL ☐ DEEPEN WELL ☐	**3. FIELD OR WILDCAT** NATURAL BUTTES
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO	**5. UNIT or COMMUNITIZATION AGREEMENT NAME** CHAPITA WELLS
6. NAME OF OPERATOR EOG Resources, Inc.	**7. OPERATOR PHONE** 435 781-9111
8. ADDRESS OF OPERATOR 1060 East Highway 40, Vernal, UT, 84078	**9. OPERATOR E-MAIL** kaylene_gardner@eogresources.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU0285A / **11. MINERAL OWNERSHIP** FEDERAL ■ INDIAN ☐ STATE ☐ FEE ☐	**12. SURFACE OWNERSHIP** FEDERAL ■ INDIAN ☐ STATE ☐ FEE ☐
13. NAME OF SURFACE OWNER (if box 12 = 'fee')	**14. SURFACE OWNER PHONE (if box 12 = 'fee')**
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')	**16. SURFACE OWNER E-MAIL (if box 12 = 'fee')**
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') / **18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS** YES ☐ (Submit Commingling Application) NO ■	**19. SLANT** VERTICAL ☐ DIRECTIONAL ■ HORIZONTAL ☐

20. LOCATION OF WELL	**FOOTAGES**	**QTR-QTR**	**SECTION**	**TOWNSHIP**	**RANGE**	**MERIDIAN**
LOCATION AT SURFACE	1940 FNL 2005 FWL	SENW	25	9.0 S	22.0 E	S
Top of Uppermost Producing Zone	2240 FNL 1731 FWL	SENW	25	9.0 S	22.0 E	S
At Total Depth	2240 FNL 1731 FWL	SENW	25	9.0 S	22.0 E	S

21. COUNTY UINTAH	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 1720	**23. NUMBER OF ACRES IN DRILLING UNIT** 1800
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 390	**26. PROPOSED DEPTH** MD: 9295 TVD: 9265
27. ELEVATION - GROUND LEVEL 5073	**28. BOND NUMBER** NM2308	**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE** 49-225

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

✔ **WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER**	✔ **COMPLETE DRILLING PLAN**
☐ **AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)**	☐ **FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER**
✔ **DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)**	✔ **TOPOGRAPHICAL MAP**

NAME Nanette Lupcho	**TITLE** Regulatory Assistant	**PHONE** 435 781-9157
SIGNATURE	**DATE** 10/07/2010	**EMAIL** Nanette_Lupcho@EOGResources.com
API NUMBER ASSIGNED 43047513180000	**APPROVAL**	Permit Manager

Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Prod	7.875	4.5	0	9320		
Pipe	**Grade**	**Length**	**Weight**			
	Grade N-80 LT&C	9295	11.6			

Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Surf	12.25	9.625	0	2300		
Pipe	**Grade**	**Length**	**Weight**			
	Grade J-55 ST&C	2300	36.0			

DRILLING PLAN
MULTI-WELL PAD:
CWU 1492-25D, CWU 1493-25D, CWU 1494-25D, CWU 1495-25D, CWU 1496-25D, CWU 1497-25D

SE/NW, SEC. 25, T9S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

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

	CWU 1492-25D		CWU 1493-25D		CWU 1494-25D		CWU 1495-25D	
FORMATION	**TVD**	**MD**	**TVD**	**MD**	**TVD**	**MD**	**TVD**	**MD**
Green River	1390	1399	1393	1400	1383	1398	1391	1402
Birdsnest	1698	1712	1702	1713	1690	1715	1701	1718
Mahogany Oil Shale Bed	2266	2287	2284	2302	2257	2302	2277	2307
Wasatch	4600	4630	4628	4654	4588	4658	4615	4660
Chapita Wells	5187	5217	5215	5241	5175	5246	5199	5244
Buck Canyon	5863	5893	5889	5916	5851	5922	5872	5917
North Horn	6536	6566	6568	6594	6523	6593	6547	6593
KMV Price River	6857	6887	6898	6924	6839	6910	6874	6919
KMV Price River Middle	7749	7779	7780	7806	7735	7806	7762	7807
KMV Price River Lower	8556	8586	8581	8607	8545	8616	8566	8611
Sego	9064	9094	9085	9111	9051	9122	9077	9122
TD	9265	9295	9285	9311	9250	9321	9275	9320
ANTICIPATED BHP (PSI)	**5059**		**5070**		**5051**		**5064**	

	CWU 1496-25D		CWU 1497-25D					
FORMATION	**TVD**	**MD**	**TVD**	**MD**	**TVD**	**MD**	**TVD**	**MD**
Green River	1381	1391	1383	1395				
Birdsnest	1689	1704	1690	1712				
Mahogany Oil Shale Bed	2262	2285	2267	2312				
Wasatch	4595	4628	4603	4678				
Chapita Wells	5179	5213	5184	5259				
Buck Canyon	5853	5886	5856	5931				
North Horn	6528	6561	6529	6605				
KMV Price River	6844	6878	6852	6927				
KMV Price River Middle	7739	7773	7745	7820				
KMV Price River Lower	8547	8580	8551	8627				
Sego	9056	9089	9064	9140				
TD	9255	9288	9265	9341				
ANTICIPATED BHP (PSI)	**5053**		**5059**					

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.

DRILLING PLAN
MULTI-WELL PAD:
CWU 1492-25D, CWU 1493-25D, CWU 1494-25D,
CWU 1495-25D, CWU 1496-25D, CWU 1497-25D
SE/NW, SEC. 25, T9S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig
BOP schematic diagrams attached.

4. CASING PROGRAM:

Casing	Hole Size	Length	Size	Weight	Grade	Thread	Rating Collapse	Rating Burst	Tensile
Conductor	20"	0 – 60'	14"	32.5#	A252			1800 PSI	10,000#
Surface	12 ¼"	0 – 2,300'±	9 ⅝"	36.0#	J-55	STC	2020 PSI	3520 PSI	394,000#
Production	7 7/8"	Surface – TD	4 ½"	11.6#	N-80	LTC	6350 PSI	7780 PSI	223,000#

Note: 12 ¼" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-⅝" 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.

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 5th 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 3rd joint to 400' above the top of primary objective. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

0' - 2300'± Air/Air mist/Aerated water
or
A closed mud system will be utilized with a gelled bentonite system. LCM sweeps, additions, etc. will be utilized as necessary.

DRILLING PLAN
MULTI-WELL PAD:
CWU 1492-25D, CWU 1493-25D, CWU 1494-25D,
CWU 1495-25D, CWU 1496-25D, CWU 1497-25D
SE/NW, SEC. 25, T9S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

Production Hole Procedure (2300'± - TD):

Anticipated mud weight 9.5-10.5 ppg depending on actul 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. CO_2 contamination, if encountered, will be treated with lime and gypsum.

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:

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

DRILLING PLAN
MULTI-WELL PAD:
CWU 1492-25D, CWU 1493-25D, CWU 1494-25D,
CWU 1495-25D, CWU 1496-25D, CWU 1497-25D
SE/NW, SEC. 25, T9S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead: **150 sks** Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% $CaCl_2$, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft^3/sk. yield, 23 gps water.

Tail: **135 sks** Class "G" cement with 2% $CaCl_2$, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft^3/sk., 5.2 gps water.

Top Out: As necessary with Class "G" cement with 2% $CaCl_2$, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft^3/sk., 5.2 gps water.

Note: The above number of sacks is based on gauge-hole calculation
Lead volume to be calculated to bring cement to surface.
Tail volume to be calculated to bring cement to 500' above the shoe.

Production Hole Procedure (2300'± - TD)

Lead: **130 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^3/sk., 24.5 gps water.

Tail: **905 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^3/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
MULTI-WELL PAD:
CWU 1492-25D, CWU 1493-25D, CWU 1494-25D,
CWU 1495-25D, CWU 1496-25D, CWU 1497-25D
SE/NW, SEC. 25, T9S, R22E, 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.

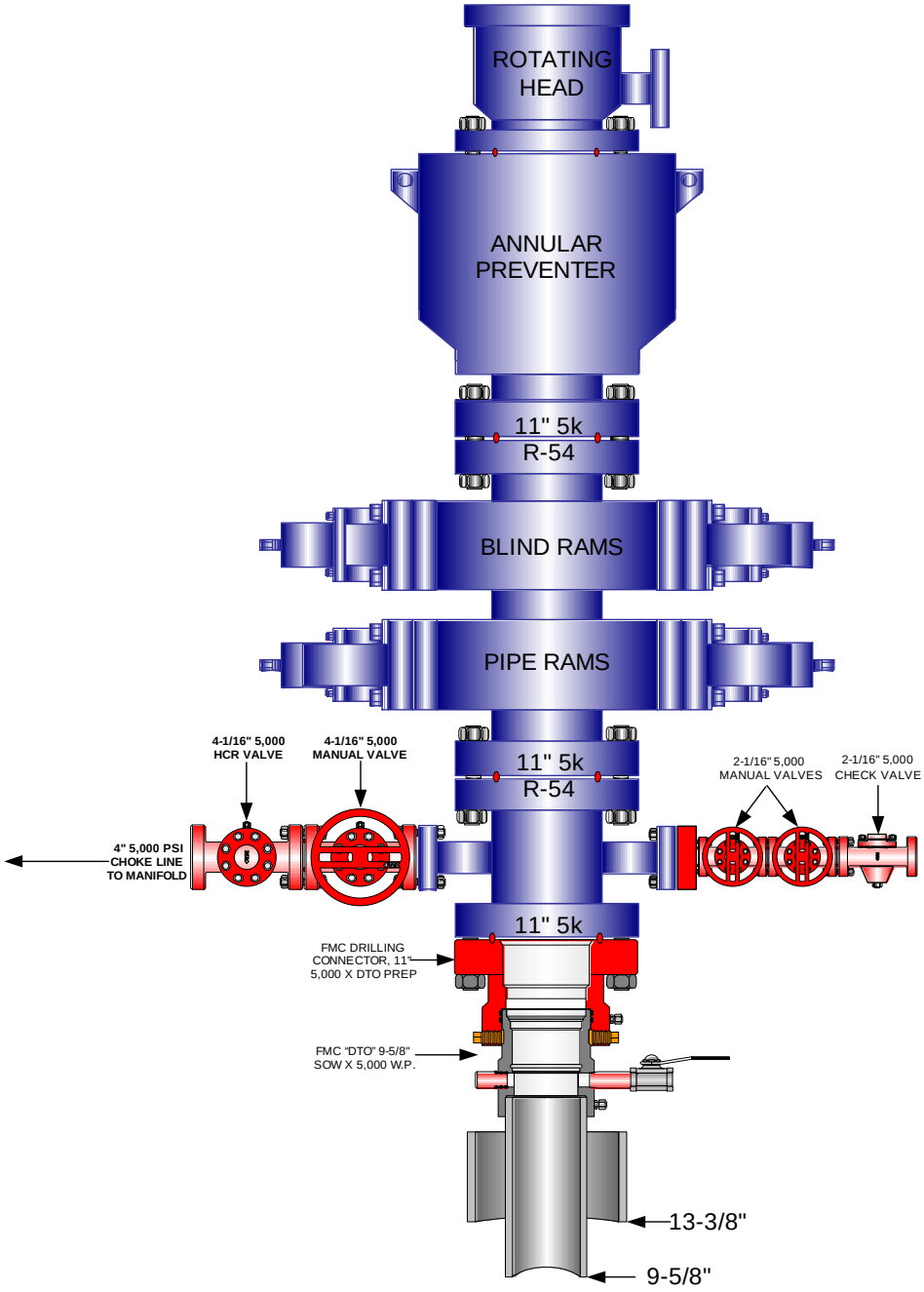
13. Air Drilling Operations:

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.

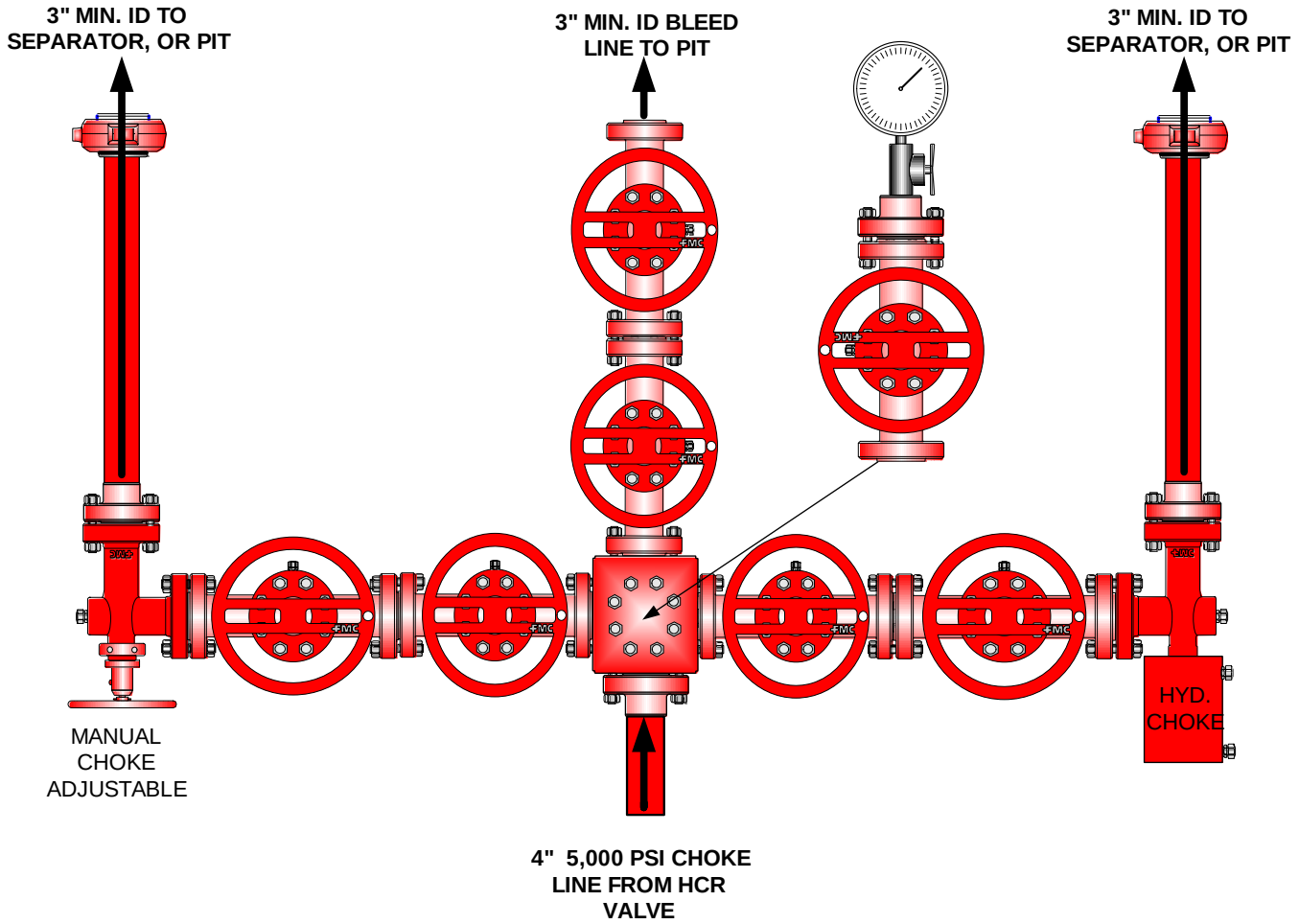
(Attachment: BOP Schematic Diagram)

'APIWellNo:43047513180000'

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



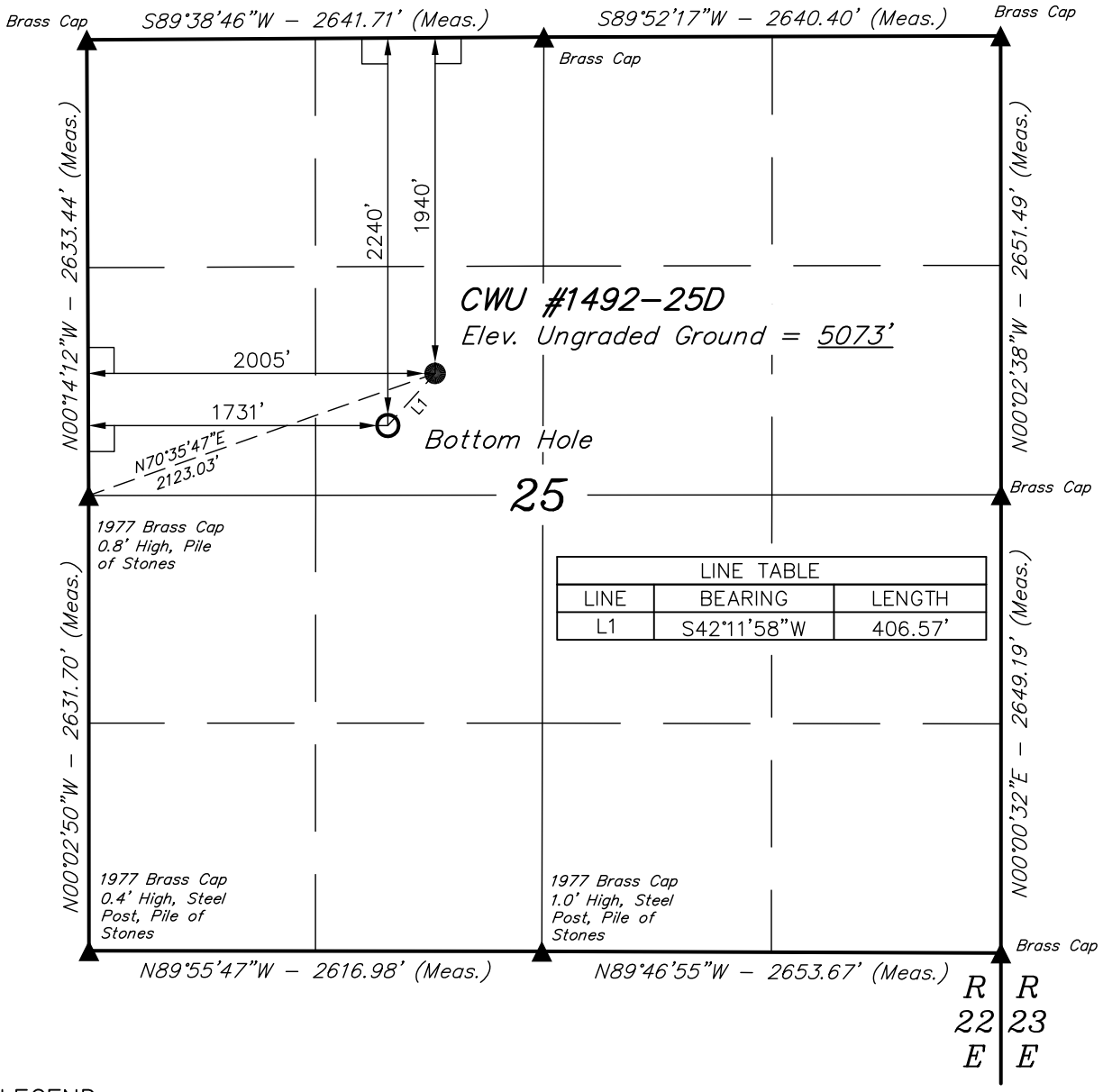
EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES



Testing Procedure:

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

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



LINE TABLE		
LINE	BEARING	LENGTH
L1	S42°11'58"W	406.57'

EOG RESOURCES, INC.

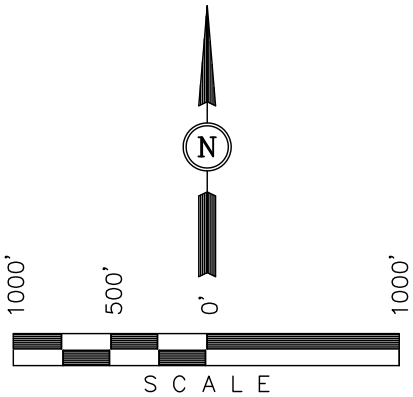
Well location, CWU #1492-25D, located as shown in the SE 1/4 NW 1/4 of Section 25, T9S, R22E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

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

BASIS OF BEARINGS

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



CERTIFICATE

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

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REGISTERED LAND SURVEYOR NO. 161319 ROBERT L. KAY STATE OF UTAH

LEGEND:

└ = 90° SYMBOL
● = PROPOSED WELL HEAD.
▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°00'29.21" (40.008114)	LATITUDE = 40°00'32.18" (40.008939)
LONGITUDE = 109°23'29.60" (109.391556)	LONGITUDE = 109°23'26.09" (109.390581)
NAD 27 (TARGET BOTTOM HOLE)	**NAD 27 (SURFACE LOCATION)**
LATITUDE = 40°00'29.34" (40.008150)	LATITUDE = 40°00'32.31" (40.008975)
LONGITUDE = 109°23'27.15" (109.390875)	LONGITUDE = 109°23'23.64" (109.389900)

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

SCALE 1" = 1000'	DATE SURVEYED: 09-15-09	DATE DRAWN: 09-24-09
PARTY G.S. C.R. C.H.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE EOG RESOURCES, INC.	

'API WellNo:43047513180000'

EOG RESOURCES, INC.

CWU #1493-25D, #1495-25D, #1492-25D, #1497-25D, #1494-25D & #1496-25D

LOCATED IN UINTAH COUNTY, UTAH
SECTION 25, T9S, R22E, S.L.B.&M.

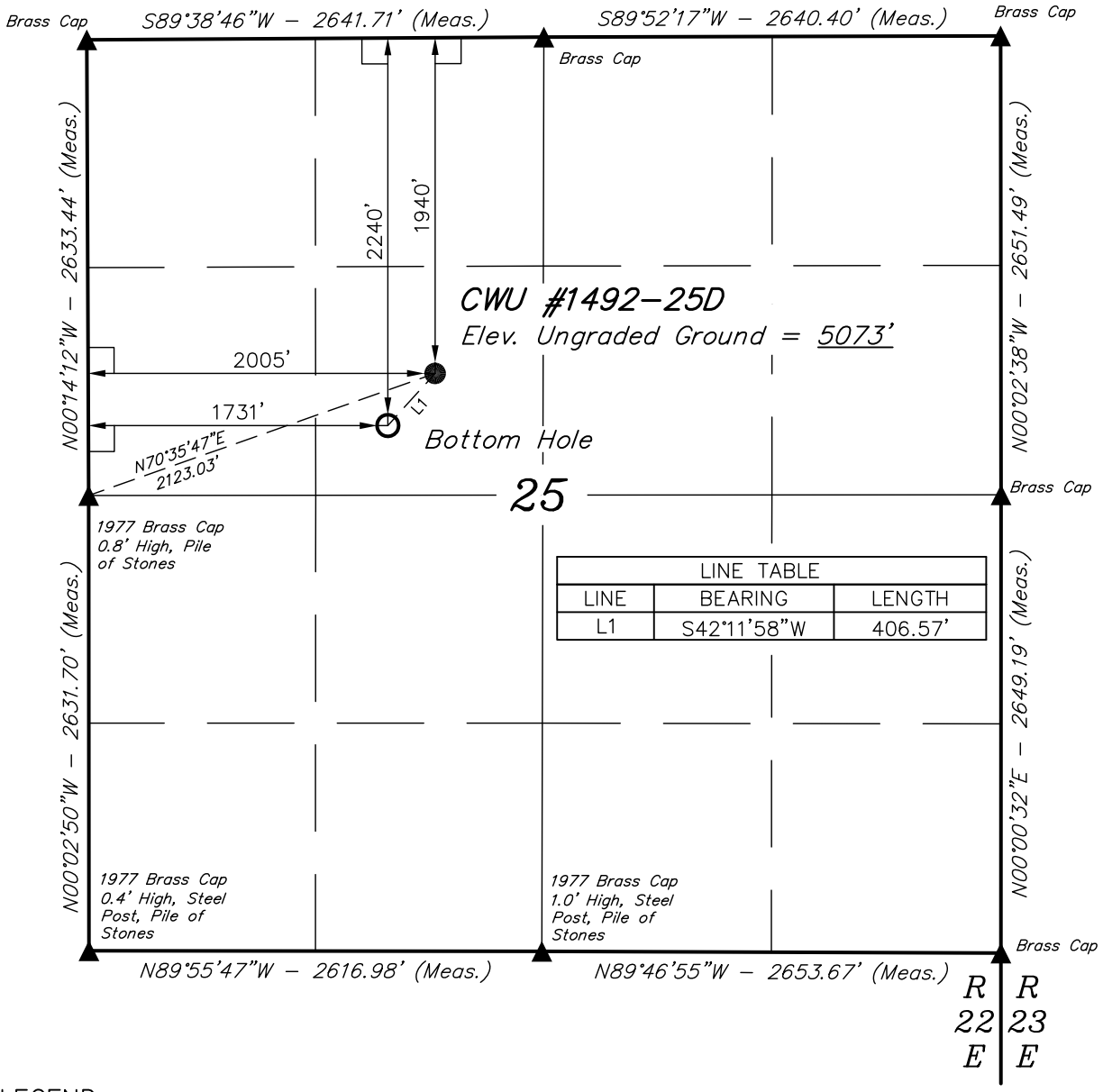
PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE — CAMERA ANGLE: NORTHEASTERLY

PHOTO: VIEW OF EXISTING ACCESS — CAMERA ANGLE: SOUTHEASTERLY

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS	09 MONTH	21 DAY	09 YEAR	PHOTO
TAKEN BY: G.S.	DRAWN BY: Z.L.	REVISED: 00-00-00		

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



LINE TABLE		
LINE	BEARING	LENGTH
L1	S42°11'58"W	406.57'

EOG RESOURCES, INC.

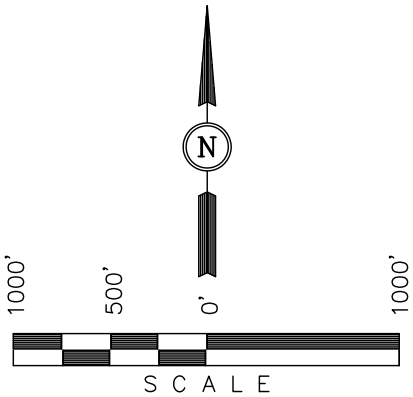
Well location, CWU #1492-25D, located as shown in the SE 1/4 NW 1/4 of Section 25, T9S, R22E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

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

BASIS OF BEARINGS

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



CERTIFICATE

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

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REGISTERED LAND SURVEYOR NO. 161319 ROBERT L. KAY STATE OF UTAH

LEGEND:

└ = 90° SYMBOL
● = PROPOSED WELL HEAD.
▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°00'29.21" (40.008114)	LATITUDE = 40°00'32.18" (40.008939)
LONGITUDE = 109°23'29.60" (109.391556)	LONGITUDE = 109°23'26.09" (109.390581)
NAD 27 (TARGET BOTTOM HOLE)	**NAD 27 (SURFACE LOCATION)**
LATITUDE = 40°00'29.34" (40.008150)	LATITUDE = 40°00'32.31" (40.008975)
LONGITUDE = 109°23'27.15" (109.390875)	LONGITUDE = 109°23'23.64" (109.389900)

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

SCALE 1" = 1000'	DATE SURVEYED: 09-15-09	DATE DRAWN: 09-24-09
PARTY G.S. C.R. C.H.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE EOG RESOURCES, INC.	

'API WellNo:43047513180000'

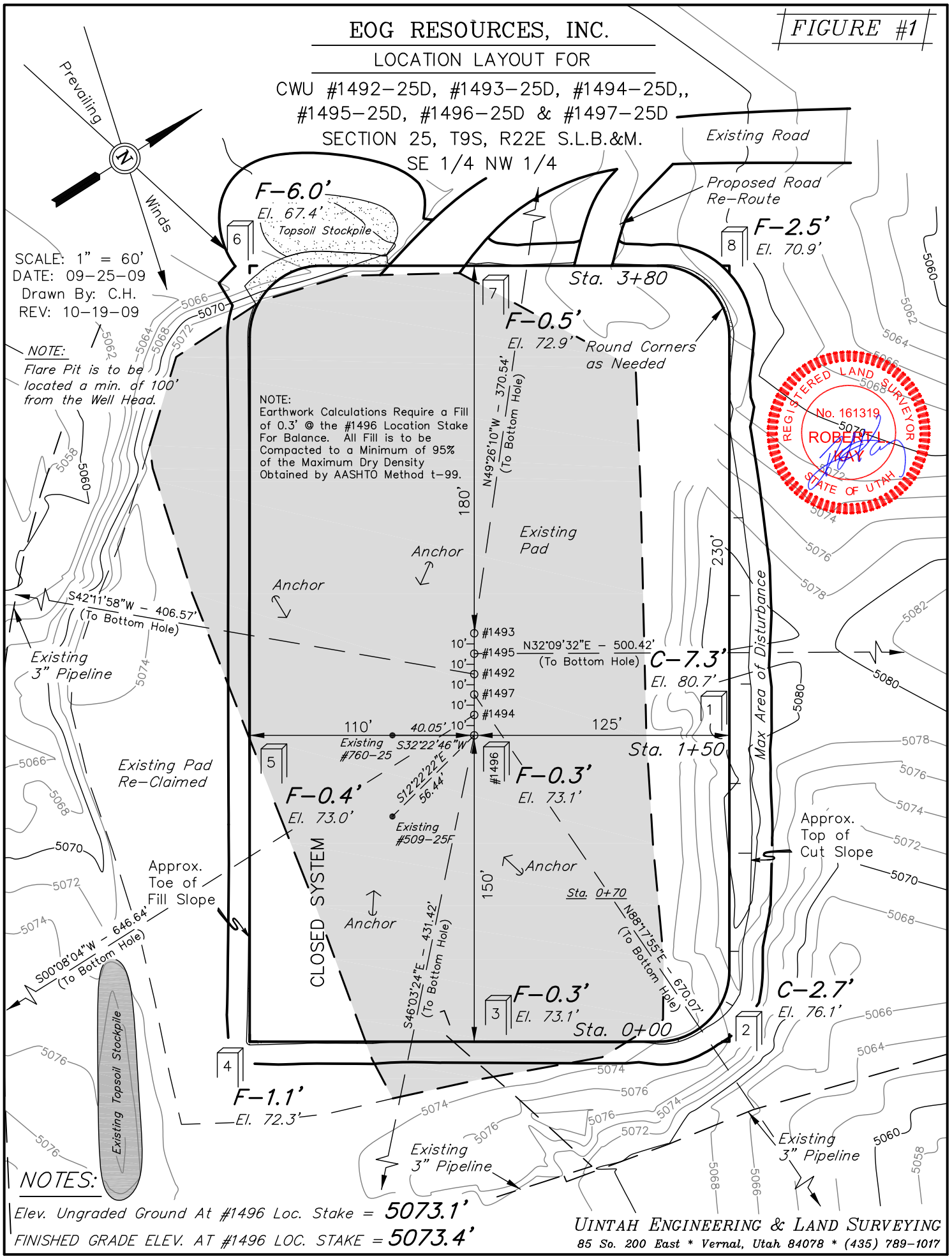
'APIWellNo:43047513180000'

EOG RESOURCES, INC.

LOCATION LAYOUT FOR

CWU #1492–25D, #1493–25D, #1494–25D,,
#1495–25D, #1496–25D & #1497–25D
SECTION 25, T9S, R22E S.L.B.&M.
SE 1/4 NW 1/4

FIGURE #1



NOTES:

Elev. Ungraded Ground At #1496 Loc. Stake = 5073.1'

FINISHED GRADE ELEV. AT #1496 LOC. STAKE = 5073.4'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789–1017

'APIWellNo:43047513180000'

EOG RESOURCES, INC.

TYPICAL CROSS SECTIONS FOR

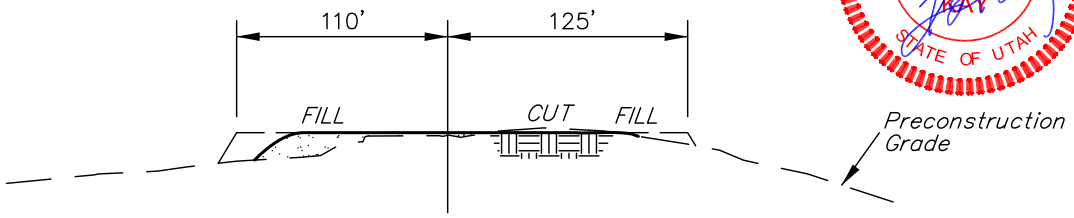
CWU #1492-25D, #1493-25D, #1494-25D,,
#1495-25D, #1496-25D & #1497-25D
SECTION 25, T9S, R22E S.L.B.&M.
SE 1/4 NW 1/4

FIGURE #2

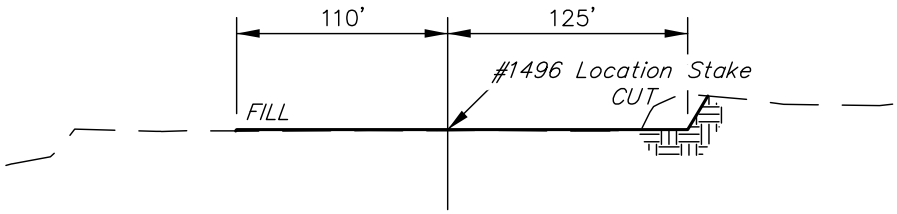
1" = 40'
X-Section Scale
1" = 100'

DATE: 09-25-09
Drawn By: C.H.

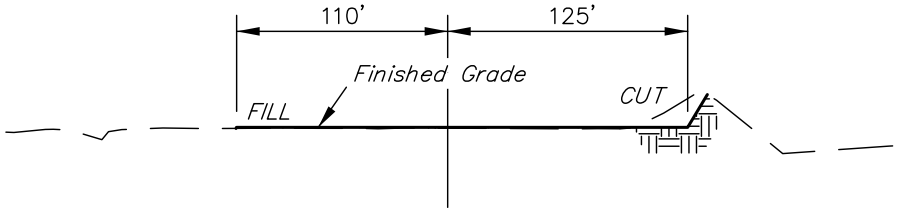
REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. MAY
STATE OF UTAH



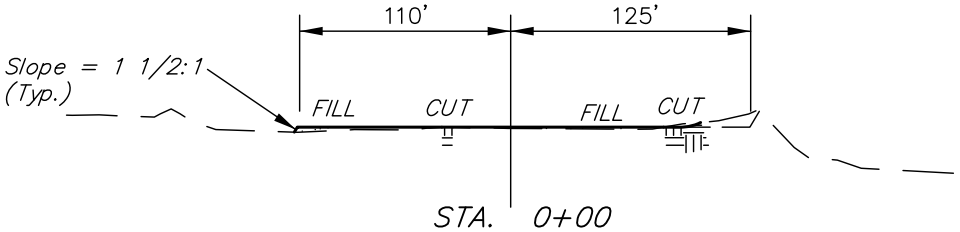
STA. 3+80



STA. 1+50



STA. 0+70



STA. 0+00

NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE ACREAGES

NEW DISTURBANCE = ±0.403 ACRES
EXISTING DISTURBANCE = ±1.711 ACRES
ROAD RE-ROUTE DISTURBANCE = ±0.038 ACRES
TOTAL = ±2.152 ACRES

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT
(6") Topsoil Stripping = 420 Cu. Yds.
(New Construction Only)
Remaining Location = 1,360 Cu. Yds.

TOTAL CUT = 1,780 CU.YDS.
FILL = 1,360 CU.YDS.

EXCESS MATERIAL = 420 Cu. Yds.
Topsoil = 420 Cu. Yds.

EXCESS UNBALANCE = 0 Cu. Yds.
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

'APIWellNo:43047513180000'

EOG RESOURCES, INC.

FIGURE #3

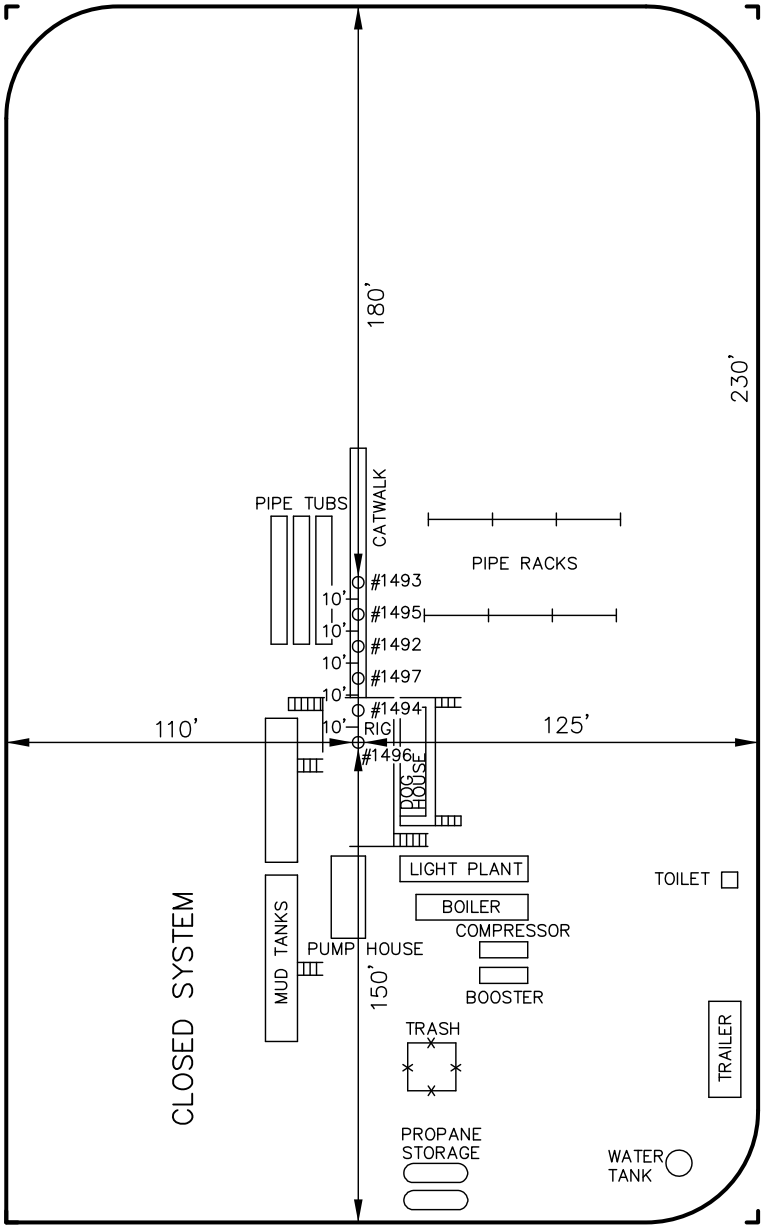
TYPICAL RIG LAYOUT FOR

CWU #1492–25D, #1493–25D, #1494–25D,,
#1495–25D, #1496–25D & #1497–25D
SECTION 25, T9S, R22E S.L.B.&M.
SE 1/4 NW 1/4

SCALE: 1" = 60'
DATE: 09–25–09
Drawn By: C.H.

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH

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



UINTAH ENGINEERING & LAND SURVEYING
*85 So. 200 East * Vernal, Utah 84078 * (435) 789–1017*

'APIWellNo:43047513180000'

EOG RESOURCES, INC.

FIGURE #4

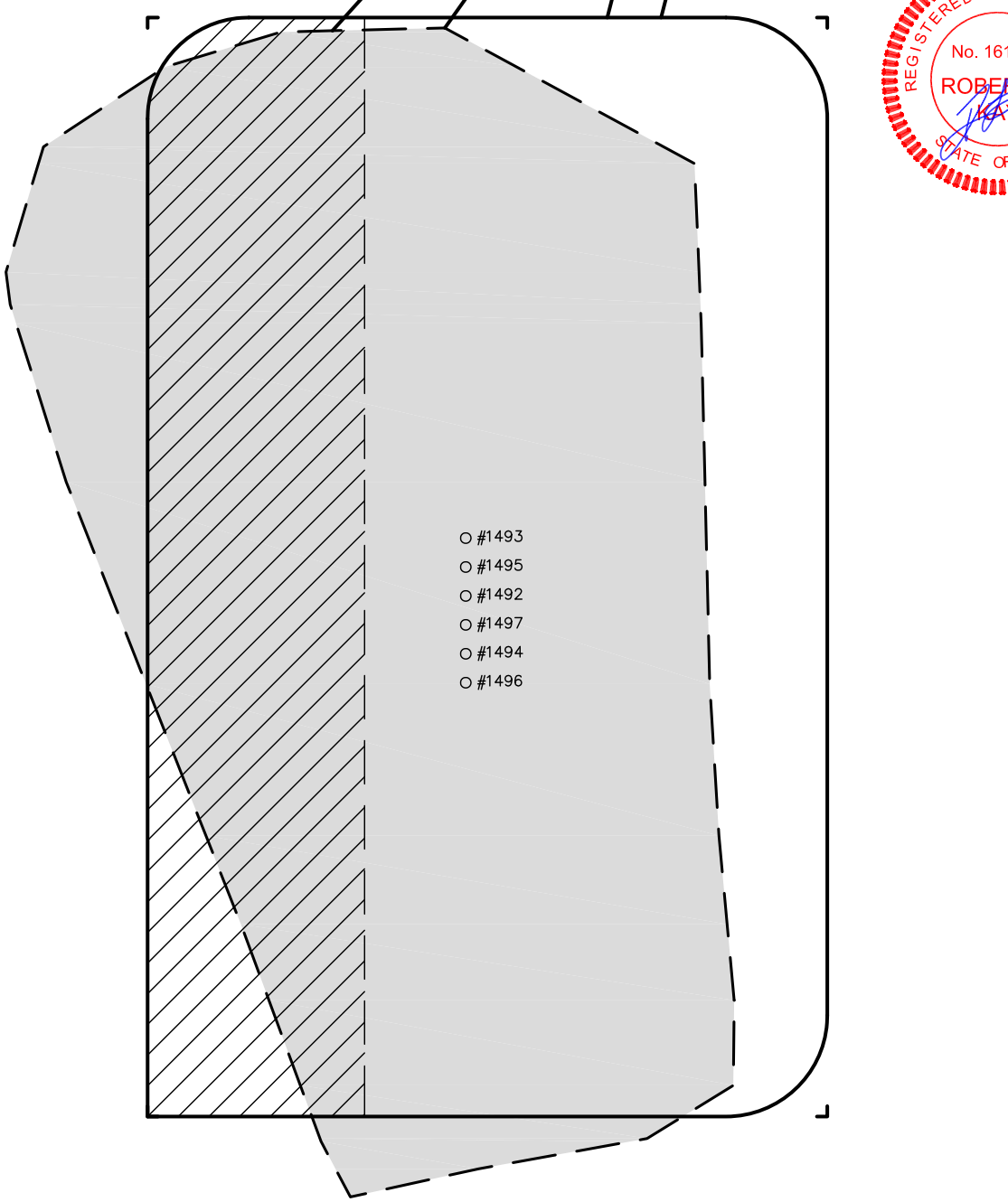
PRODUCTION FACILITY LAYOUT FOR

CWU #1492–25D, #1493–25D, #1494–25D,,
#1495–25D, #1496–25D & #1497–25D

SECTION 25, T9S, R22E S.L.B.&M.

SE 1/4 NW 1/4

SCALE: 1" = 60'
DATE: 09–25–09
Drawn By: C.H.



REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH

RE–HABED AREA

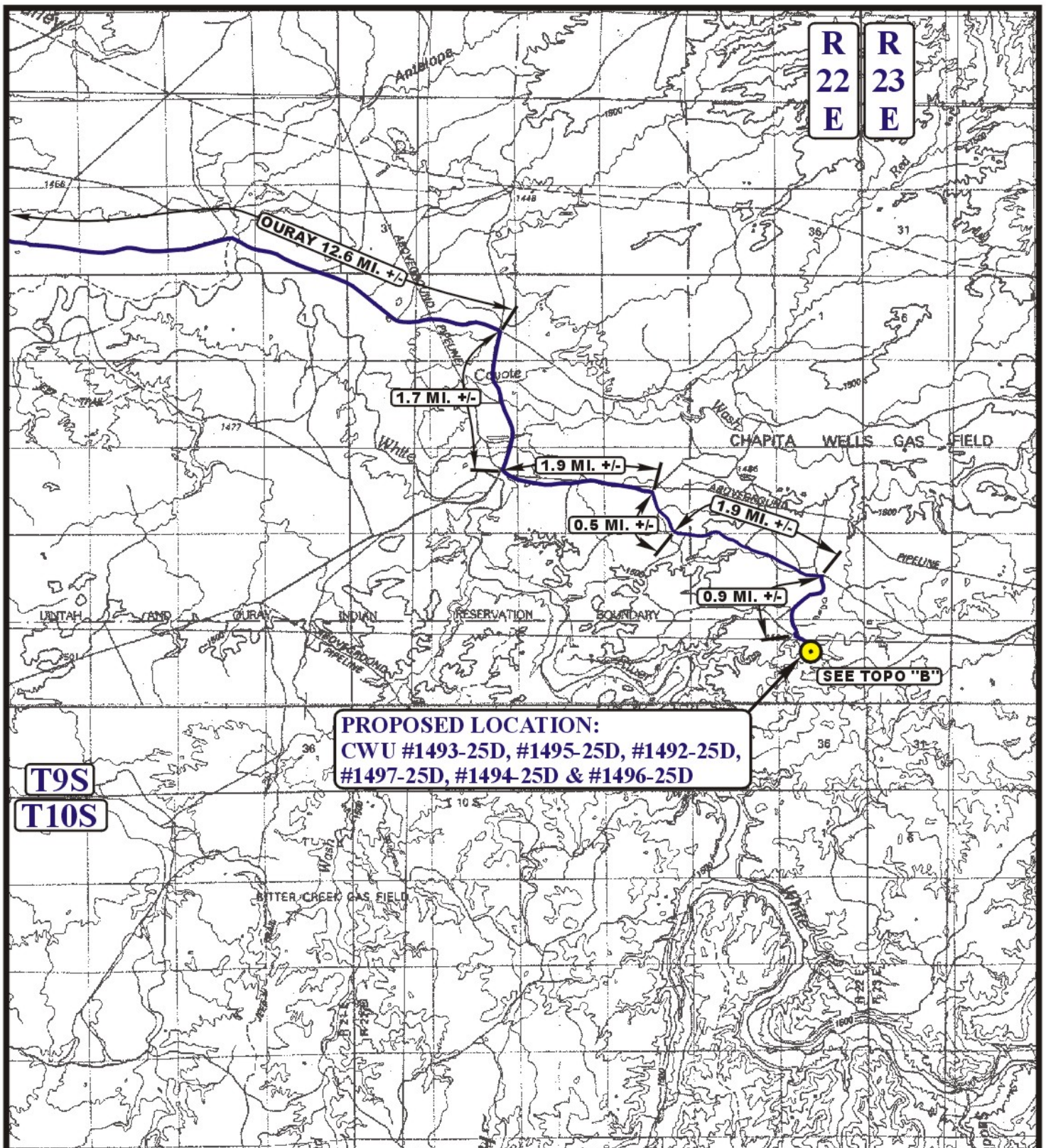
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789–1017

EOG RESOURCES, INC.
CWU #1493-25D, #1495-25D, #1492-25D, #1497-25D, #1494-25D & #1496-25D
SECTION 25, T9S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 200’ TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY DIRECTION APPROXIMATELY 65’ TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 50.8 MILES.

'APIWellNo:43047513180000'



LEGEND:

PROPOSED LOCATION

N

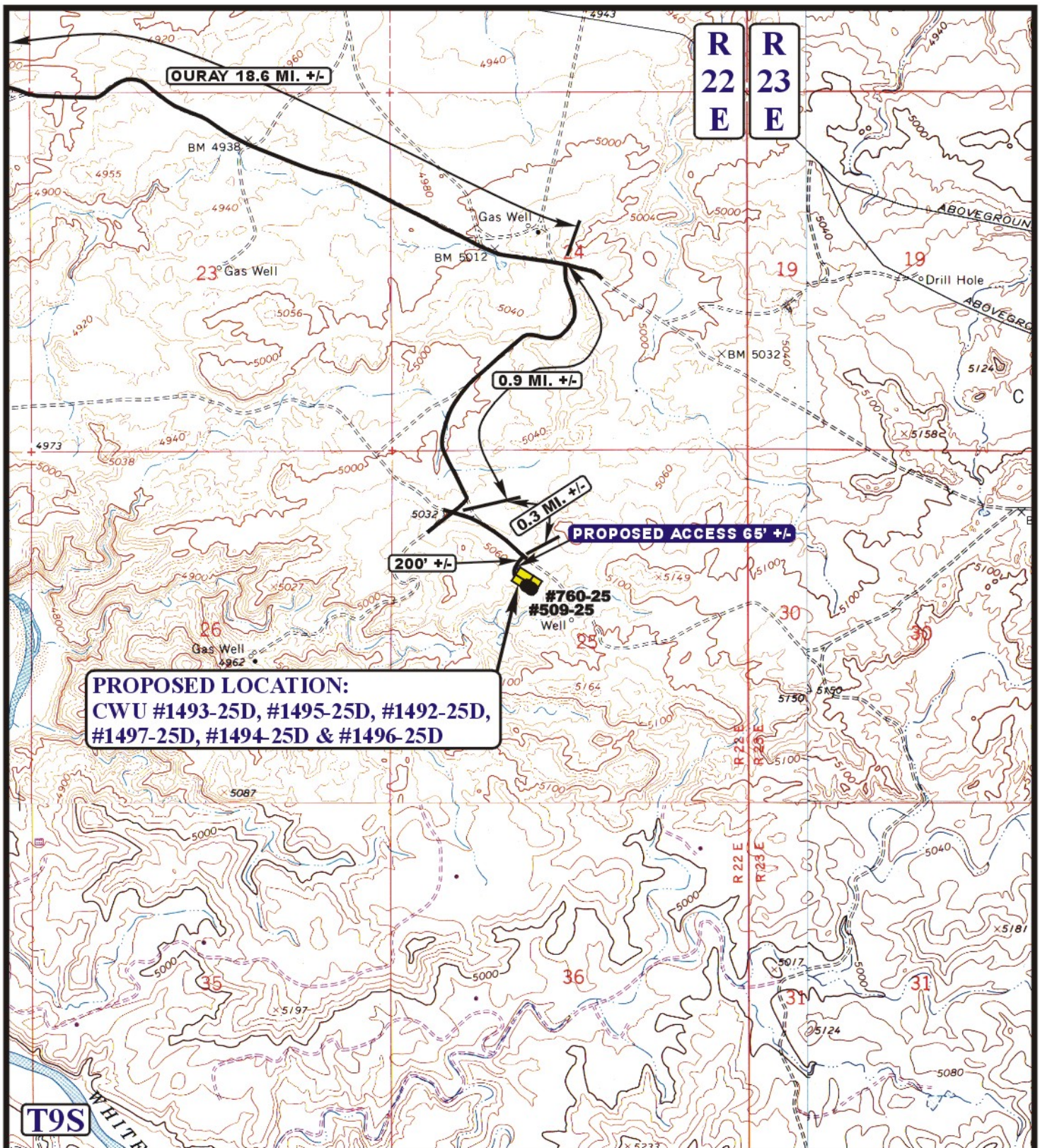
EOG RESOURCES, INC.

CWU #1493-25D, #1495-25D, #1492-25D,
#1497-25D, #1494-25D & #1496-25D
SECTION 25, T9S, R22E, S.L.B.&M.
SE 1/4 NW 1/4

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

TOPOGRAPHIC MAP	09 MONTH	21 DAY	09 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: Z.L.	REVISED: 00-00-00		

'APIWellNo:43047513180000'



LEGEND:

EXISTING ROAD
PROPOSED ACCESS ROAD

N

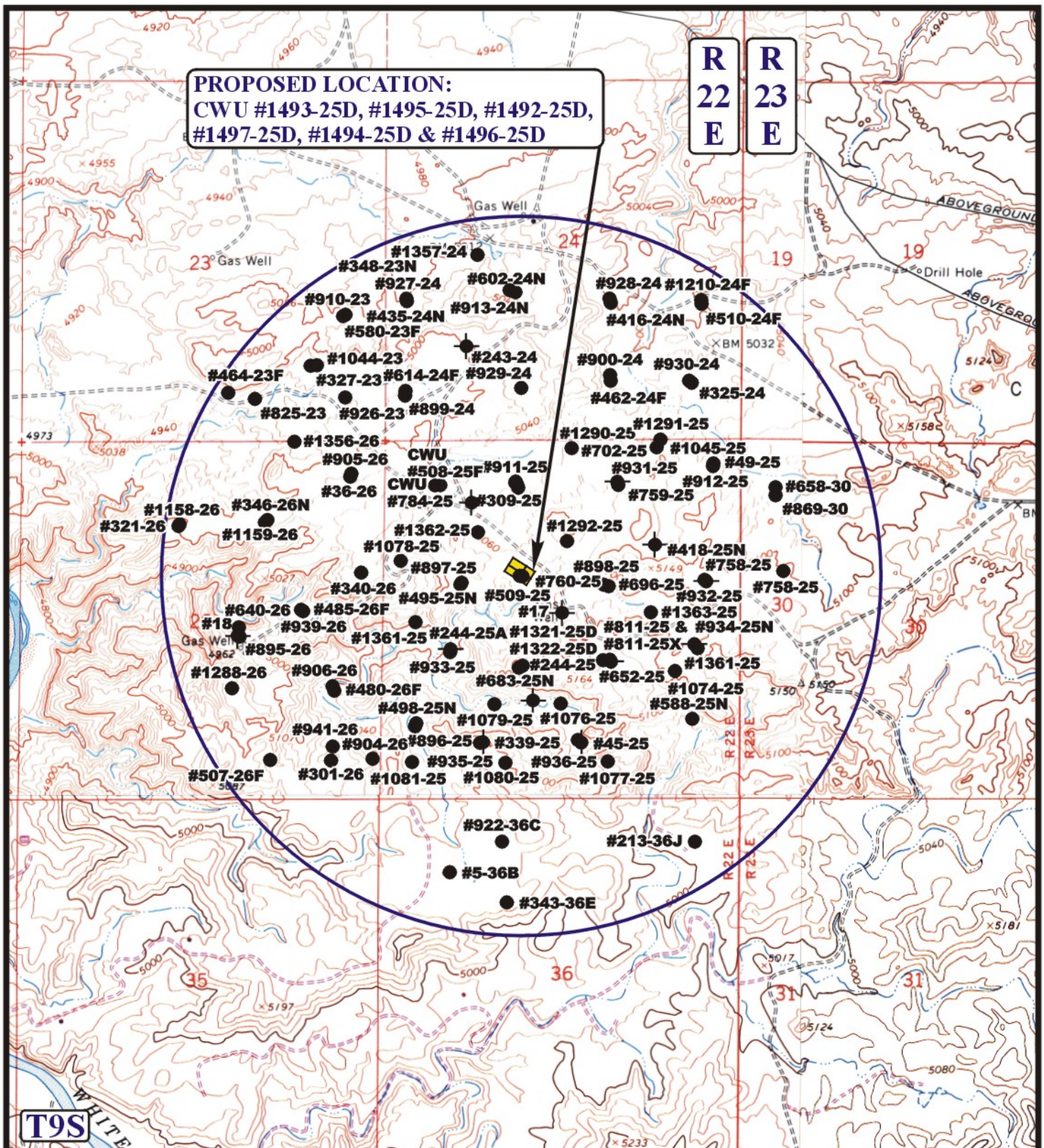
EOG RESOURCES, INC.

CWU #1493-25D, #1495-25D, #1492-25D,
#1497-25D, #1494-25D & #1496-25D
SECTION 25, T9S, R22E, S.L.B.&M.
SE 1/4 NW 1/4

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

TOPOGRAPHIC MAP	09 MONTH	21 DAY	09 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: Z.L.	REVISED: 00-00-00		

'APIWellNo:43047513180000'



LEGEND:

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

N

EOG RESOURCES, INC.

CWU #1493-25D, #1495-25D, #1492-25D,
#1497-25D, #1494-25D & #1496-25D
SECTION 25, T9S, R22E, S.L.B.&M.
SE 1/4 NW 1/4

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

TOPOGRAPHIC MAP	09 MONTH	21 DAY	09 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: Z.L.	REVISED: 00-00-00		

'APIWellNo:43047513180000'

eog resources

Denver Division - Utah

T9S-R22E Sec 25
CWU 1492-1497 25D (Pad B2_CWU 760-25_Set 5)
1492-25D

Wellbore #1

Plan: APD Plan

Standard Survey Report

22 October, 2009

'APIWellNo:43047513180000'

EOG Resources
Survey Report

Company:	Denver Division - Utah	**Local Co-ordinate Reference:**	Well 1492-25D
Project:	T9S-R22E Sec 25	**TVD Reference:**	WELL @ 5073.0ft (Original Well Elev)
Site:	CWU 1492-1497 25D (Pad B2_CWU 760-25_Set 5)	**MD Reference:**	WELL @ 5073.0ft (Original Well Elev)
Well:	1492-25D	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	APD Plan	**Database:**	EDM 2003.21 Single User Db

Project T9S-R22E Sec 25

Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah North 4301		

Site CWU 1492-1497 25D (Pad B2_CWU 760-25_Set 5)

Site Position:		**Northing:**	-111,048.05 ft	**Latitude:**	40° 0' 31.820 N
From:	Lat/Long	**Easting:**	2,591,168.21 ft	**Longitude:**	109° 23' 23.600 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	1.39 °

Well 1492-25D

Well Position	**+N/-S**	0.0 ft	**Northing:**	-110,998.60 ft	**Latitude:**	40° 0' 32.310 N
	+E/-W	0.0 ft	**Easting:**	2,591,163.92 ft	**Longitude:**	109° 23' 23.640 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	5,073.0 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	5/28/2009	11.28	65.96	52,580

Design APD Plan

Audit Notes:

Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	222.27

Survey Tool Program **Date** 10/22/2009

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	9,295.1	APD Plan (Wellbore #1)	MWD	MWD - Standard

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	1.50	222.27	400.0	-1.0	-0.9	1.3	1.50	1.50	0.00
500.0	3.00	222.27	499.9	-3.9	-3.5	5.2	1.50	1.50	0.00
600.0	4.50	222.27	599.7	-8.7	-7.9	11.8	1.50	1.50	0.00
700.0	6.00	222.27	699.3	-15.5	-14.1	20.9	1.50	1.50	0.00
800.0	7.50	222.27	798.6	-24.2	-22.0	32.7	1.50	1.50	0.00
900.0	9.00	222.27	897.5	-34.8	-31.6	47.0	1.50	1.50	0.00
933.3	9.50	222.27	930.4	-38.8	-35.2	52.4	1.50	1.50	0.00
1,000.0	9.50	222.27	996.2	-46.9	-42.6	63.4	0.00	0.00	0.00

eog resources

EOG Resources

Survey Report

Company:	Denver Division - Utah	**Local Co-ordinate Reference:**	Well 1492-25D
Project:	T9S-R22E Sec 25	**TVD Reference:**	WELL @ 5073.0ft (Original Well Elev)
Site:	CWU 1492-1497 25D (Pad B2_CWU 760-25_Set 5)	**MD Reference:**	WELL @ 5073.0ft (Original Well Elev)
Well:	1492-25D	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	APD Plan	**Database:**	EDM 2003.21 Single User Db

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,100.0	9.50	222.27	1,094.8	-59.1	-53.7	79.9	0.00	0.00	0.00
1,200.0	9.50	222.27	1,193.4	-71.3	-64.8	96.4	0.00	0.00	0.00
1,300.0	9.50	222.27	1,292.1	-83.5	-75.9	112.9	0.00	0.00	0.00
1,400.0	9.50	222.27	1,390.7	-95.8	-87.0	129.4	0.00	0.00	0.00
1,500.0	9.50	222.27	1,489.3	-108.0	-98.1	145.9	0.00	0.00	0.00
1,600.0	9.50	222.27	1,588.0	-120.2	-109.2	162.4	0.00	0.00	0.00
1,700.0	9.50	222.27	1,686.6	-132.4	-120.3	178.9	0.00	0.00	0.00
1,800.0	9.50	222.27	1,785.2	-144.6	-131.4	195.4	0.00	0.00	0.00
1,900.0	9.50	222.27	1,883.8	-156.8	-142.5	211.9	0.00	0.00	0.00
2,000.0	9.50	222.27	1,982.5	-169.0	-153.6	228.4	0.00	0.00	0.00
2,100.0	9.50	222.27	2,081.1	-181.3	-164.7	244.9	0.00	0.00	0.00
2,200.0	9.50	222.27	2,179.7	-193.5	-175.8	261.4	0.00	0.00	0.00
2,300.0	9.50	222.27	2,278.4	-205.7	-186.9	278.0	0.00	0.00	0.00
2,400.0	9.50	222.27	2,377.0	-217.9	-198.0	294.5	0.00	0.00	0.00
2,500.0	9.50	222.27	2,475.6	-230.1	-209.1	311.0	0.00	0.00	0.00
2,600.0	9.50	222.27	2,574.2	-242.3	-220.2	327.5	0.00	0.00	0.00
2,600.8	9.50	222.27	2,575.0	-242.4	-220.3	327.6	0.00	0.00	0.00
2,700.0	8.51	222.27	2,673.0	-253.9	-230.8	343.1	1.00	-1.00	0.00
2,800.0	7.51	222.27	2,772.0	-264.2	-240.1	357.1	1.00	-1.00	0.00
2,900.0	6.51	222.27	2,871.3	-273.3	-248.4	369.3	1.00	-1.00	0.00
3,000.0	5.51	222.27	2,970.7	-281.0	-255.4	379.7	1.00	-1.00	0.00
3,100.0	4.51	222.27	3,070.4	-287.5	-261.3	388.4	1.00	-1.00	0.00
3,200.0	3.51	222.27	3,170.1	-292.6	-266.0	395.4	1.00	-1.00	0.00
3,300.0	2.51	222.27	3,270.0	-296.5	-269.5	400.7	1.00	-1.00	0.00
3,400.0	1.51	222.27	3,369.9	-299.1	-271.9	404.2	1.00	-1.00	0.00
3,500.0	0.51	222.27	3,469.9	-300.4	-273.0	405.9	1.00	-1.00	0.00
3,550.8	0.00	0.00	3,520.7	-300.6	-273.2	406.2	1.00	-1.00	0.00
3,600.0	0.00	0.00	3,569.9	-300.6	-273.2	406.2	0.00	0.00	0.00
3,700.0	0.00	0.00	3,669.9	-300.6	-273.2	406.2	0.00	0.00	0.00
3,800.0	0.00	0.00	3,769.9	-300.6	-273.2	406.2	0.00	0.00	0.00
3,900.0	0.00	0.00	3,869.9	-300.6	-273.2	406.2	0.00	0.00	0.00
4,000.0	0.00	0.00	3,969.9	-300.6	-273.2	406.2	0.00	0.00	0.00
4,100.0	0.00	0.00	4,069.9	-300.6	-273.2	406.2	0.00	0.00	0.00
4,200.0	0.00	0.00	4,169.9	-300.6	-273.2	406.2	0.00	0.00	0.00
4,300.0	0.00	0.00	4,269.9	-300.6	-273.2	406.2	0.00	0.00	0.00
4,400.0	0.00	0.00	4,369.9	-300.6	-273.2	406.2	0.00	0.00	0.00
4,500.0	0.00	0.00	4,469.9	-300.6	-273.2	406.2	0.00	0.00	0.00
4,600.0	0.00	0.00	4,569.9	-300.6	-273.2	406.2	0.00	0.00	0.00
4,700.0	0.00	0.00	4,669.9	-300.6	-273.2	406.2	0.00	0.00	0.00
4,800.0	0.00	0.00	4,769.9	-300.6	-273.2	406.2	0.00	0.00	0.00
4,900.0	0.00	0.00	4,869.9	-300.6	-273.2	406.2	0.00	0.00	0.00
5,000.0	0.00	0.00	4,969.9	-300.6	-273.2	406.2	0.00	0.00	0.00
5,100.0	0.00	0.00	5,069.9	-300.6	-273.2	406.2	0.00	0.00	0.00
5,200.0	0.00	0.00	5,169.9	-300.6	-273.2	406.2	0.00	0.00	0.00
5,300.0	0.00	0.00	5,269.9	-300.6	-273.2	406.2	0.00	0.00	0.00
5,400.0	0.00	0.00	5,369.9	-300.6	-273.2	406.2	0.00	0.00	0.00
5,500.0	0.00	0.00	5,469.9	-300.6	-273.2	406.2	0.00	0.00	0.00
5,600.0	0.00	0.00	5,569.9	-300.6	-273.2	406.2	0.00	0.00	0.00
5,700.0	0.00	0.00	5,669.9	-300.6	-273.2	406.2	0.00	0.00	0.00
5,800.0	0.00	0.00	5,769.9	-300.6	-273.2	406.2	0.00	0.00	0.00
5,900.0	0.00	0.00	5,869.9	-300.6	-273.2	406.2	0.00	0.00	0.00
6,000.0	0.00	0.00	5,969.9	-300.6	-273.2	406.2	0.00	0.00	0.00
6,100.0	0.00	0.00	6,069.9	-300.6	-273.2	406.2	0.00	0.00	0.00

eog resources

EOG Resources

Survey Report

Company:	Denver Division - Utah	**Local Co-ordinate Reference:**	Well 1492-25D
Project:	T9S-R22E Sec 25	**TVD Reference:**	WELL @ 5073.0ft (Original Well Elev)
Site:	CWU 1492-1497 25D (Pad B2_CWU 760-25_Set 5)	**MD Reference:**	WELL @ 5073.0ft (Original Well Elev)
Well:	1492-25D	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	APD Plan	**Database:**	EDM 2003.21 Single User Db

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
6,200.0	0.00	0.00	6,169.9	-300.6	-273.2	406.2	0.00	0.00	0.00
6,300.0	0.00	0.00	6,269.9	-300.6	-273.2	406.2	0.00	0.00	0.00
6,400.0	0.00	0.00	6,369.9	-300.6	-273.2	406.2	0.00	0.00	0.00
6,500.0	0.00	0.00	6,469.9	-300.6	-273.2	406.2	0.00	0.00	0.00
6,600.0	0.00	0.00	6,569.9	-300.6	-273.2	406.2	0.00	0.00	0.00
6,700.0	0.00	0.00	6,669.9	-300.6	-273.2	406.2	0.00	0.00	0.00
6,800.0	0.00	0.00	6,769.9	-300.6	-273.2	406.2	0.00	0.00	0.00
6,887.1	0.00	0.00	6,857.0	-300.6	-273.2	406.2	0.00	0.00	0.00
6,900.0	0.00	0.00	6,869.9	-300.6	-273.2	406.2	0.00	0.00	0.00
7,000.0	0.00	0.00	6,969.9	-300.6	-273.2	406.2	0.00	0.00	0.00
7,100.0	0.00	0.00	7,069.9	-300.6	-273.2	406.2	0.00	0.00	0.00
7,200.0	0.00	0.00	7,169.9	-300.6	-273.2	406.2	0.00	0.00	0.00
7,300.0	0.00	0.00	7,269.9	-300.6	-273.2	406.2	0.00	0.00	0.00
7,400.0	0.00	0.00	7,369.9	-300.6	-273.2	406.2	0.00	0.00	0.00
7,500.0	0.00	0.00	7,469.9	-300.6	-273.2	406.2	0.00	0.00	0.00
7,600.0	0.00	0.00	7,569.9	-300.6	-273.2	406.2	0.00	0.00	0.00
7,700.0	0.00	0.00	7,669.9	-300.6	-273.2	406.2	0.00	0.00	0.00
7,800.0	0.00	0.00	7,769.9	-300.6	-273.2	406.2	0.00	0.00	0.00
7,900.0	0.00	0.00	7,869.9	-300.6	-273.2	406.2	0.00	0.00	0.00
8,000.0	0.00	0.00	7,969.9	-300.6	-273.2	406.2	0.00	0.00	0.00
8,100.0	0.00	0.00	8,069.9	-300.6	-273.2	406.2	0.00	0.00	0.00
8,200.0	0.00	0.00	8,169.9	-300.6	-273.2	406.2	0.00	0.00	0.00
8,300.0	0.00	0.00	8,269.9	-300.6	-273.2	406.2	0.00	0.00	0.00
8,400.0	0.00	0.00	8,369.9	-300.6	-273.2	406.2	0.00	0.00	0.00
8,500.0	0.00	0.00	8,469.9	-300.6	-273.2	406.2	0.00	0.00	0.00
8,600.0	0.00	0.00	8,569.9	-300.6	-273.2	406.2	0.00	0.00	0.00
8,700.0	0.00	0.00	8,669.9	-300.6	-273.2	406.2	0.00	0.00	0.00
8,800.0	0.00	0.00	8,769.9	-300.6	-273.2	406.2	0.00	0.00	0.00
8,900.0	0.00	0.00	8,869.9	-300.6	-273.2	406.2	0.00	0.00	0.00
9,000.0	0.00	0.00	8,969.9	-300.6	-273.2	406.2	0.00	0.00	0.00
9,100.0	0.00	0.00	9,069.9	-300.6	-273.2	406.2	0.00	0.00	0.00
9,200.0	0.00	0.00	9,169.9	-300.6	-273.2	406.2	0.00	0.00	0.00
9,295.1	0.00	0.00	9,265.0	-300.6	-273.2	406.2	0.00	0.00	0.00

Design Targets

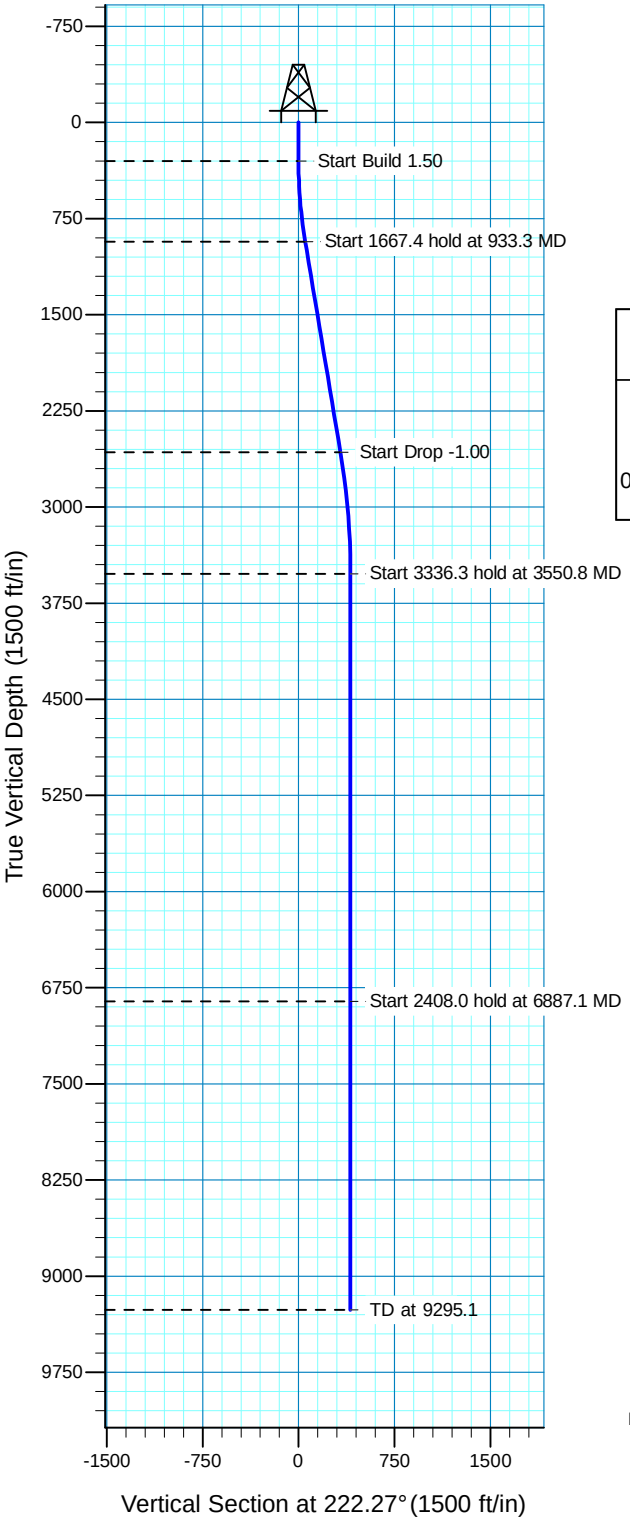
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
CWU 1492-25D - plan hits target center - Circle (radius 50.0)	0.00	0.00	6,857.0	-300.6	-273.2	-111,305.72	2,590,898.12	40° 0' 29.340 N	109° 23' 27.150 W

Checked By: _____ Approved By: _____ Date: _____

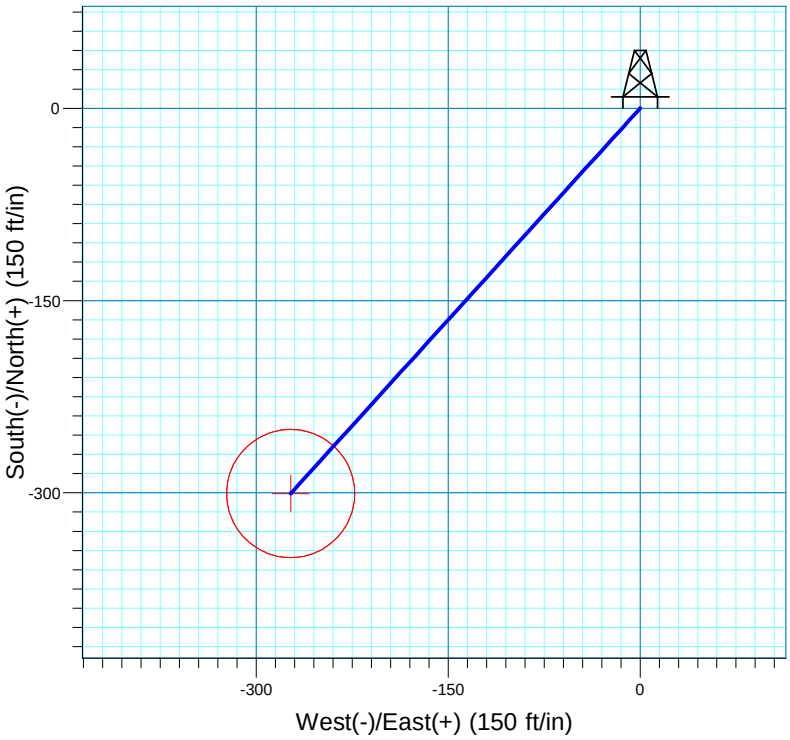
'APIWellNo:43047513180000'

CWU 1492-25D

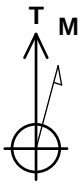
Section 25 T9S R22E
Uintah County, UT



Surface Location				
NAD 1927 (NADCON CONUS) Utah North 4301				
Ground Elevation: 5073.0 RIG @ 5092.0ft (TRUE 34)				
	Northing	Easting	Latitude	Longitude
0.0	-110998.60	2591163.92	40° 0' 32.310 N	109° 23' 23.640 W



Project: T9S-R22E Sec 25
Site: CWU 1492-1497 25D (Pad B2_CWU 760-25_Set 5)
Well: 1492-25D
Plan: APD Plan



Azimuths to True North
Magnetic North: 11.28°

Magnetic Field
Strength: 52580.5snT
Dip Angle: 65.96°
Date: 5/28/2009
Model: IGRF200510

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.0	
3	933.3	9.50	222.27	930.4	-38.8	-35.2	1.50	222.27	52.4	
4	2600.8	9.50	222.27	2575.0	-242.4	-220.3	0.00	0.00	327.6	
5	3550.8	0.00	0.00	3520.7	-300.6	-273.2	1.00	180.00	406.2	
6	6887.1	0.00	0.00	6857.0	-300.6	-273.2	0.00	0.00	406.2	CWU 1492-25D
7	9295.1	0.00	0.00	9265.0	-300.6	-273.2	0.00	0.00	406.2	

TARGET DETAILS

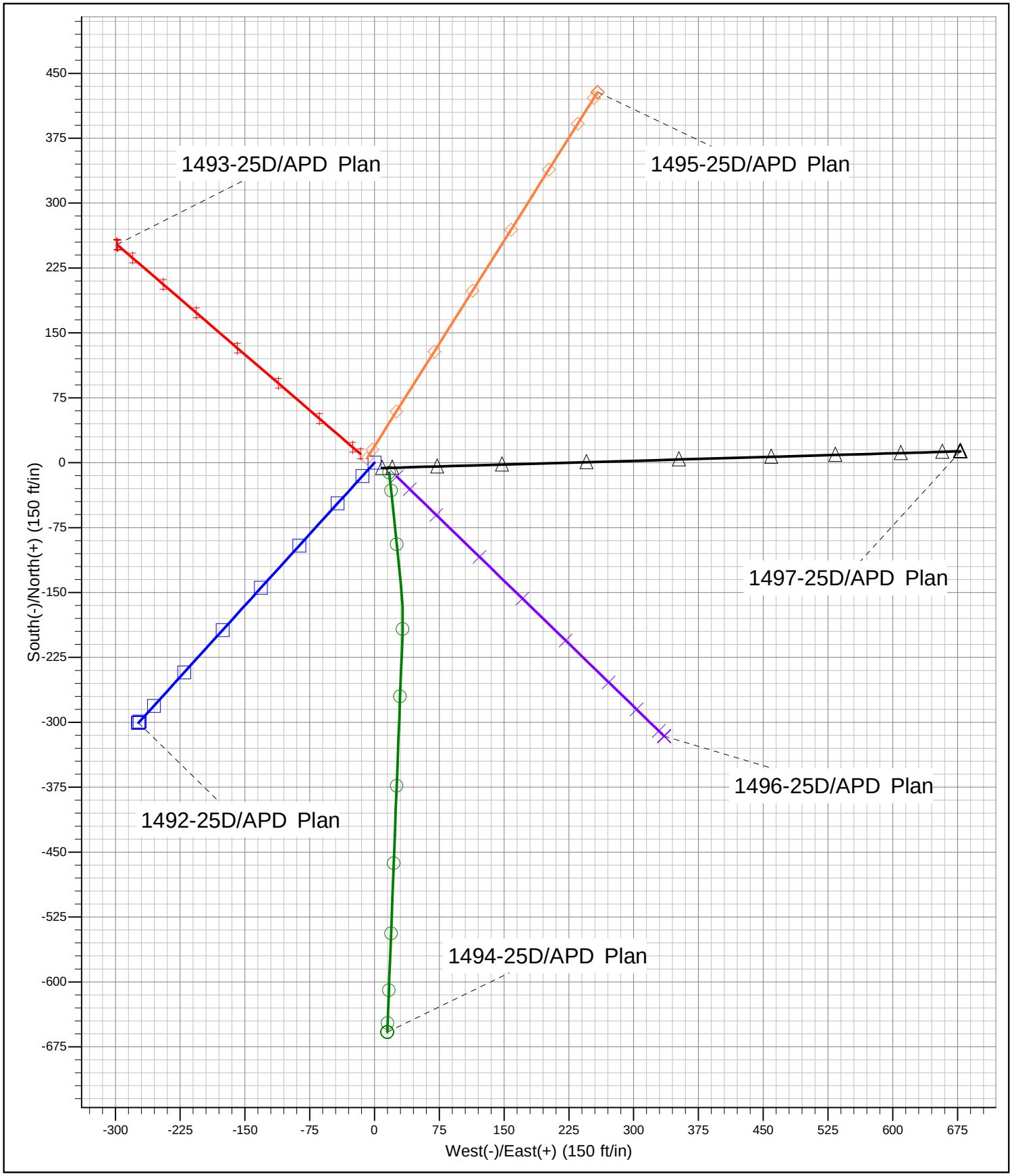
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
CWU 1492-25D	6857.0	-300.6	-273.2	-111305.72	2590898.12	40° 0' 29.340 N	109° 23' 27.150 W	Circle (Radius: 50.0)

'APIWellNo:43047513180000'

CWU 1492-25D, CWU 1493-25D, CWU 1494-25D
CWU 1495-25D, CWU 1496-25D, CWU 1497-25D

SE/NW, SEC. 25 T9S, R22E, S.L.B. & M.
UINTAH COUNTY, UTAH

eog resources



Chapita Wells Unit 1492-25D, 1493-25D, 1494-25D, 1495-25D, 1496-25D, 1497-25D
SENW, Section 25, T9S, R22E
Uintah County, Utah

SURFACE USE PLAN

The well pad is approximately 442 feet long with a 235-foot width, containing 2.38 acres more or less. New surface disturbance associated with the well pad is estimated to be 2.38 acres.

1. EXISTING ROADS:

A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.

B. The proposed well site is located approximately 50.5 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 existing access road for the producing well CWU 509-25F and the CWU 760-25 will be used to access the proposed locations.

B. 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.

Traveling off the 30-foot right-of-way will not be allowed. The access road and associated drainage structures will be 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.

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, six (6) to Ten (10) 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. No off well pad pipeline will be required. The existing pipeline for producing the CWU 509-25F and the CWU 760-25 will be used.

4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface

5. Proposed pipeline will be laid on surface.

6. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

Containment berms will be constructed completely around production facilities designed to hold fluids (i.e., production tanks, produced water tanks, and/or heater/treater). The containment berms will be constructed of compacted subsoil and drill cuttings, be sufficiently impervious, hold 110 percent of the capacity of the largest tank, and be independent of the back cut.

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 and dries within the Closed Loop System. Dried cuttings will be spread on the authorized access road and the well pad.

2. Drill cuttings will be mixed with the road base and used for the construction of containment berms. The containment berms will be sufficiently impervious, hold 110 percent capacity of the largest tank and be independent of the back cut.

3. 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.

4. 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.

5. 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).

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

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

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

8. *ANCILLARY FACILITIES:*

None anticipated.

9. *WELL SITE LAYOUT:*

A. Refer to attached well site plat for related topography cuts and fills and cross sections.

B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.

C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The 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.

The corners of the well pad will be rounded off as needed to minimize excavation.

10. PLANS FOR RECLAMATION OF THE SURFACE:

A. *Interim Reclamation (Producing Location)*

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

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

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

The portion of the location not needed for production facilities/operations will be reclaimed – See attached Figure #3.

The stockpiled topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location as authorized within EOG's reclamation plan approved September 2009.

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.

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 block cultural resources survey for Sec, 25, T9S, R22E was conducted and submitted by Montgomery Archaeological Consultants, Inc. MOAC Report No. 06-615, State of Utah Antiquities Project (Survey) Permit No. U-07-MQ-0200b. A paleontology survey was conducted and submitted on January 28, 2010 IPC#09-796. A special status plant and wildlife species reports was conducted and submitted by Grasslands Consulting, Inc. on April 7, 2010.

'APIWellNo:43047513180000'

LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

PERMITTING AGENT
Nanette Lupcho
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.

'APIWellNo:43047513180000'

CERTIFICATION:

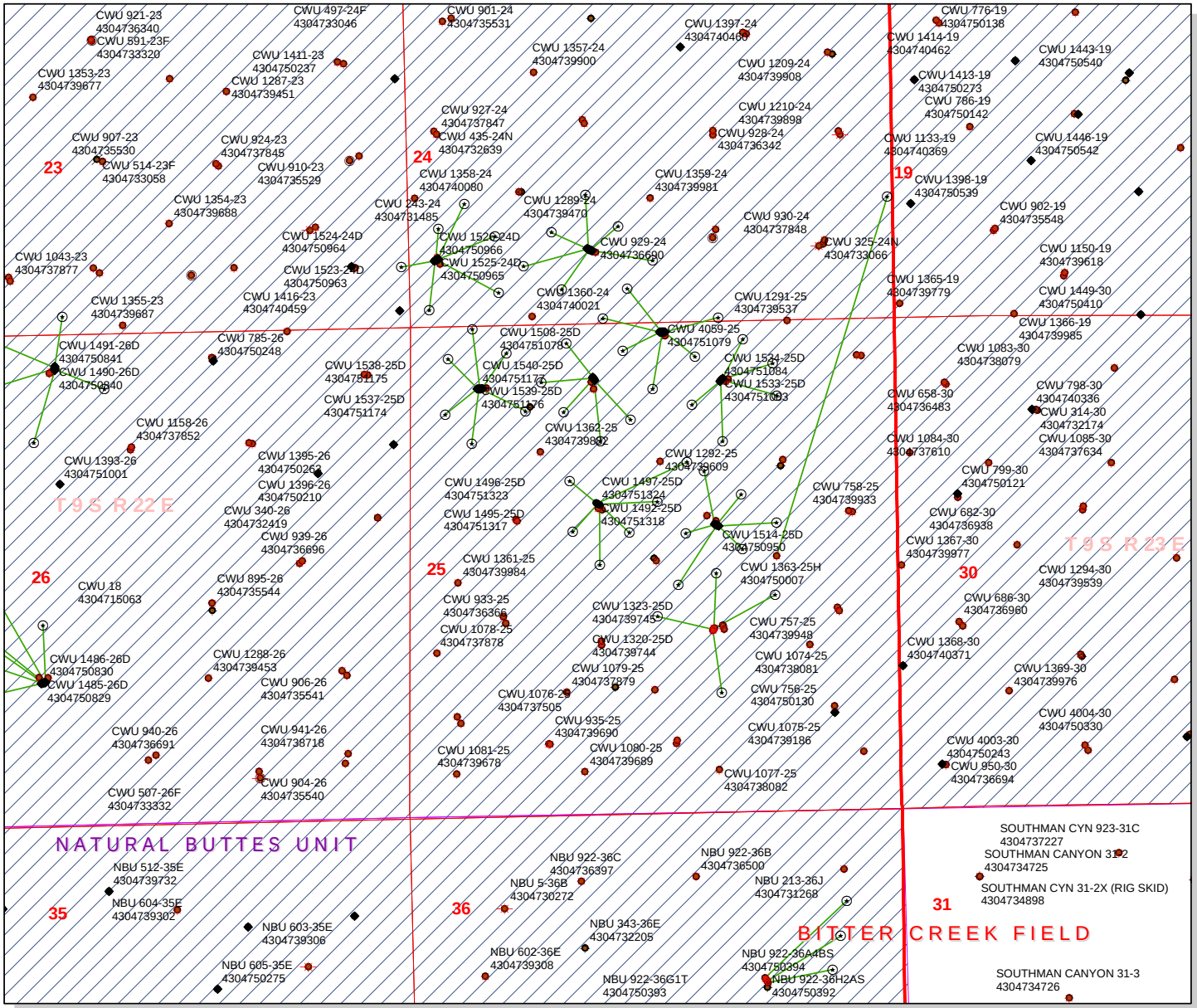
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated 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 CWU 1492-25D, 1493-25D, 1494-25D, 1495-25D, 1496-25D, 1497-25D Wells, located in the SENW, of Section 25, T9S, R22E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

October 6, 2010 _____
Date

Nanette Lupcho, Regulatory Assistant

'APIWellNo:4304751318000'



API Number: 4304751318

Well Name: CWU 1492-25D

Township 09.0 S Range 22.0 E Section 25

Meridian: SLBM

Operator: EOG RESOURCES, INC.

Map Prepared:
Map Produced by Diana Mason

Units

STATUS

- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields

- Sections
- Township
- Bottom Hole Location - AGRC

Wells Query

- <all other values>

Status

- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LA - Location Abandoned
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- RET - Returned APD
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

1,400 700 0 1,400 Feet

1:13,286

'APIWellNo:43047513180000'

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)

October 19, 2010

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2010 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 2010 within the Chapita Wells Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ MESA VERDE)		
43-047-51315	CWU 1493-25D	Sec 25 T09S R22E 1930 FNL 1988 FWL
		BHL Sec 25 T09S R22E 1687 FNL 1708 FWL
43-047-51316	CWU 1494-25D	Sec 25 T09S R22E 1951 FNL 2022 FWL
		BHL Sec 25 T09S R22E 2598 FNL 2018 FWL
43-047-51317	CWU 1495-25D	Sec 25 T09S R22E 1935 FNL 1997 FWL
		BHL Sec 25 T09S R22E 1513 FNL 2265 FWL
43-047-51318	CWU 1492-25D	Sec 25 T09S R22E 1940 FNL 2005 FWL
		BHL Sec 25 T09S R22E 2240 FNL 1731 FWL
43-047-51323	CWU 1496-25D	Sec 25 T09S R22E 1957 FNL 2031 FWL
		BHL Sec 25 T09S R22E 2258 FNL 2340 FWL
43-047-51324	CWU 1497-25D	Sec 25 T09S R22E 1946 FNL 2014 FWL
		BHL Sec 25 T09S R22E 1930 FNL 2592 FEL

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

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management, ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2010.10.19 09:04:00 -06'00'

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

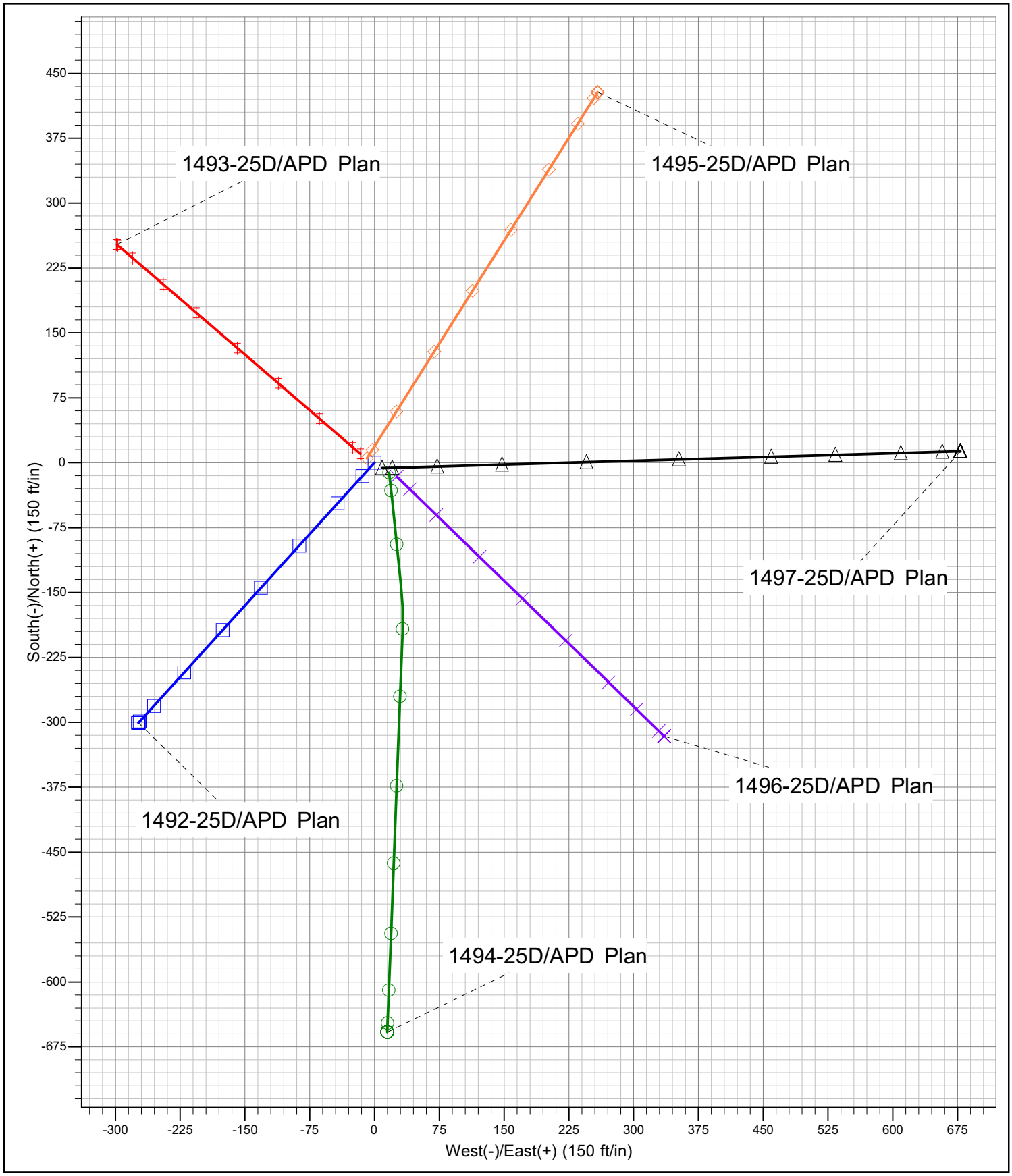
MCoulthard:mc:10-19-10

'APIWellNo:43047513180000'

CWU 1492-25D, CWU 1493-25D, CWU 1494-25D
CWU 1495-25D, CWU 1496-25D, CWU 1497-25D

SE/NW, SEC. 25 T9S, R22E, S.L.B. & M.
UINTAH COUNTY, UTAH

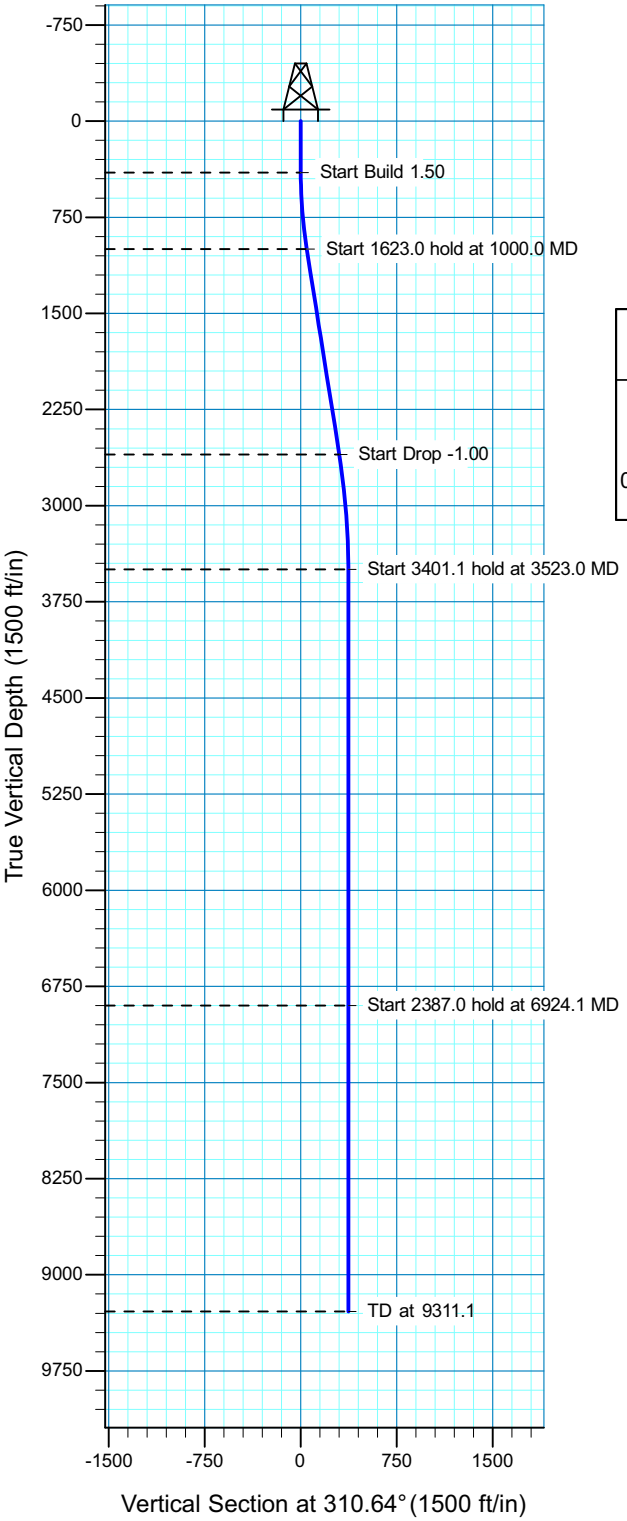
eog resources



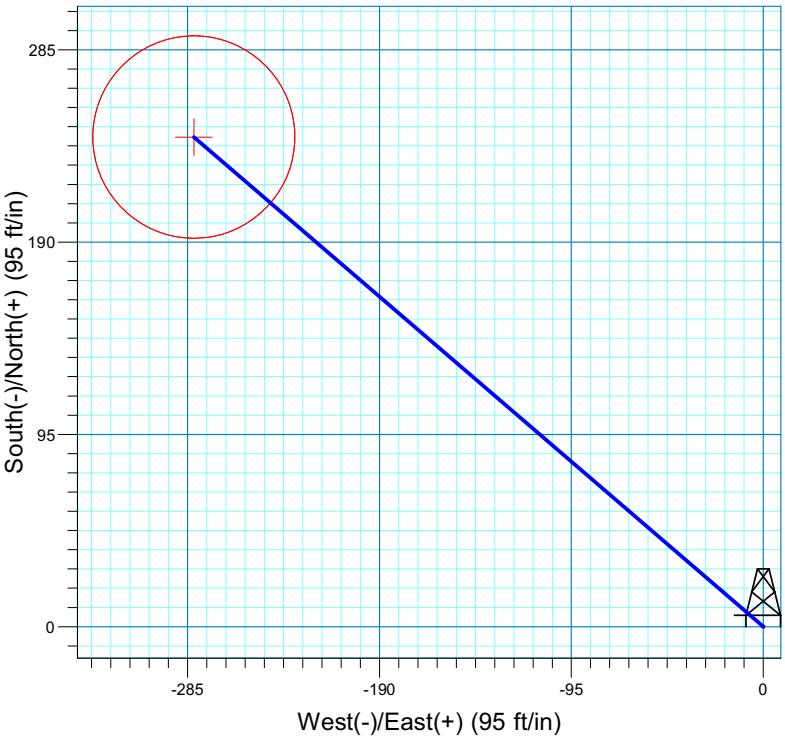
'APIWellNo:43047513180000'

CWU 1493-25D

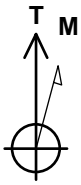
Section 25 T9S R22E
Uintah County, UT



Surface Location				
NAD 1927 (NADCON CONUS) Utah North 4301				
Ground Elevation: 5073.0 RIG @ 5092.0ft (TRUE 34)				
	Northing	Easting	Latitude	Longitude
0.0	-110988.80	2591147.43	40° 0' 32.411 N	109° 23' 23.849 W



Project: T9S-R22E Sec 25
Site: CWU 1492-1497 25D (Pad B2_CWU 760-25_Set 5)
Well: 1493-25D
Plan: APD Plan



Azimuths to True North
Magnetic North: 11.28°

Magnetic Field
Strength: 52580.5snT
Dip Angle: 65.96°
Date: 5/28/2009
Model: IGRF200510

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.0	
3	1000.0	9.00	310.64	997.5	30.6	-35.7	1.50	310.64	47.0	
4	2623.0	9.00	310.64	2600.6	196.0	-228.3	0.00	0.00	300.9	
5	3523.0	0.00	0.00	3496.9	241.9	-281.9	1.00	180.00	371.5	
6	6924.1	0.00	0.00	6898.0	241.9	-281.9	0.00	0.00	371.5	CWU 1493-25D
7	9311.1	0.00	0.00	9285.0	241.9	-281.9	0.00	0.00	371.5	

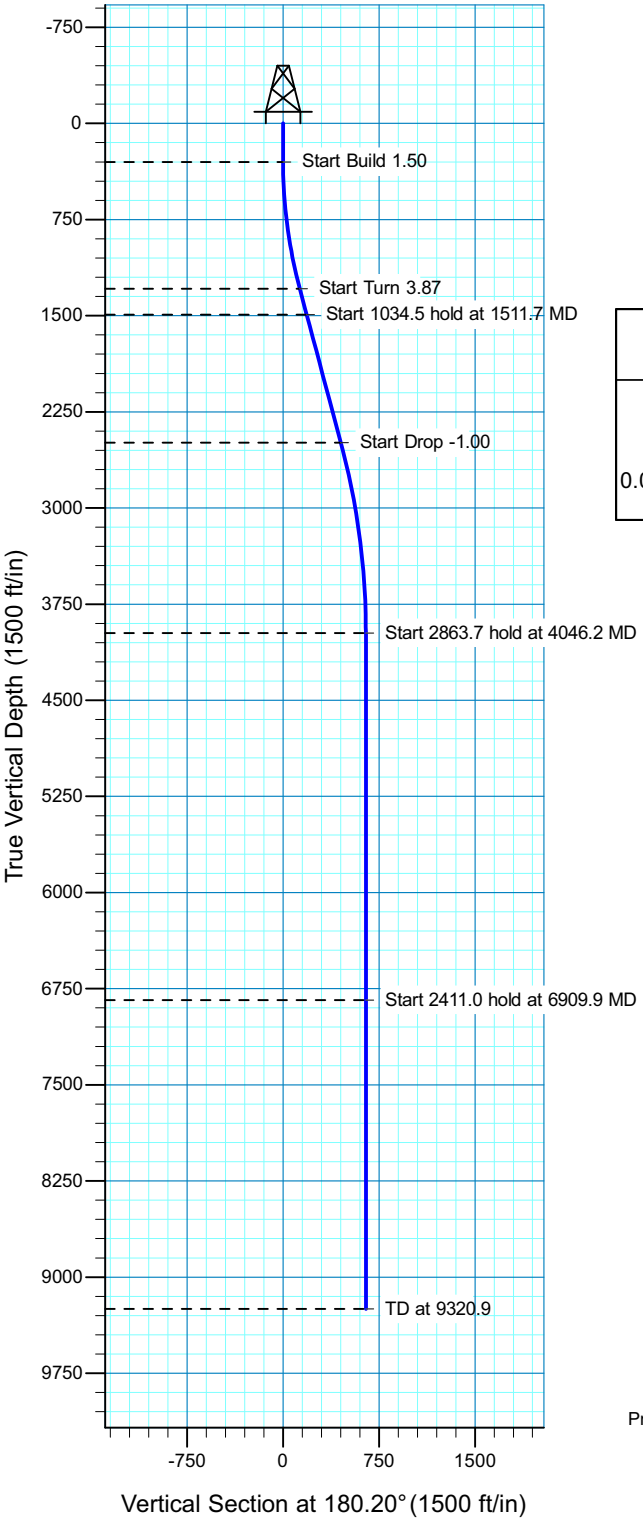
TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
CWU 1493-25D	6898.0	241.9	-281.9	-110753.77	2590859.77	40° 0' 34.801 N	109° 23' 27.470 W	Circle (Radius: 50.0)

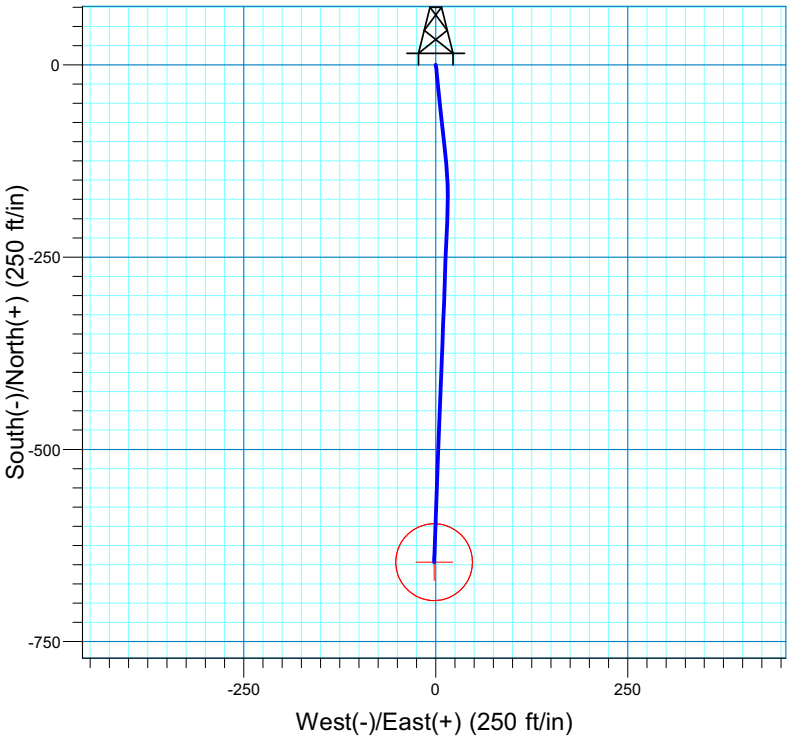
'APIWellNo:43047513180000'

CWU 1494-25D

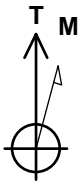
Section 25 T9S R22E
Uintah County, UT



Surface Location			
NAD 1927 (NADCON CONUS) Utah North 4301			
Ground Elevation: 5073.0 RIG @ 5092.0ft (TRUE 34)			
Northing	Easting	Latitude	Longitude
0.0 -111009.48	2591181.28	40° 0' 32.198 N	109° 23' 23.420 W



Project: T9S-R22E Sec 25
Site: CWU 1492-1497 25D (Pad B2_CWU 760-25_Set 5)
Well: 1494-25D
Plan: APD Plan



Azimuths to True North
Magnetic North: 11.28°

Magnetic Field
Strength: 52580.5snT
Dip Angle: 65.96°
Date: 5/28/2009
Model: IGRF200510

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.0	
3	1300.0	15.00	174.00	1288.6	-129.4	13.6	1.50	174.00	129.4	
4	1511.7	15.00	182.19	1493.1	-184.1	15.4	1.00	93.95	184.0	CWU 1494-25D
5	2546.2	15.00	182.19	2492.4	-451.6	5.2	0.00	0.00	451.6	
6	4046.2	0.00	0.00	3975.3	-646.7	-2.2	1.00	180.00	646.7	
7	6909.9	0.00	0.00	6839.0	-646.7	-2.2	0.00	0.00	646.7	CWU 1494-25D
8	9320.9	0.00	0.00	9250.0	-646.7	-2.2	0.00	0.00	646.7	

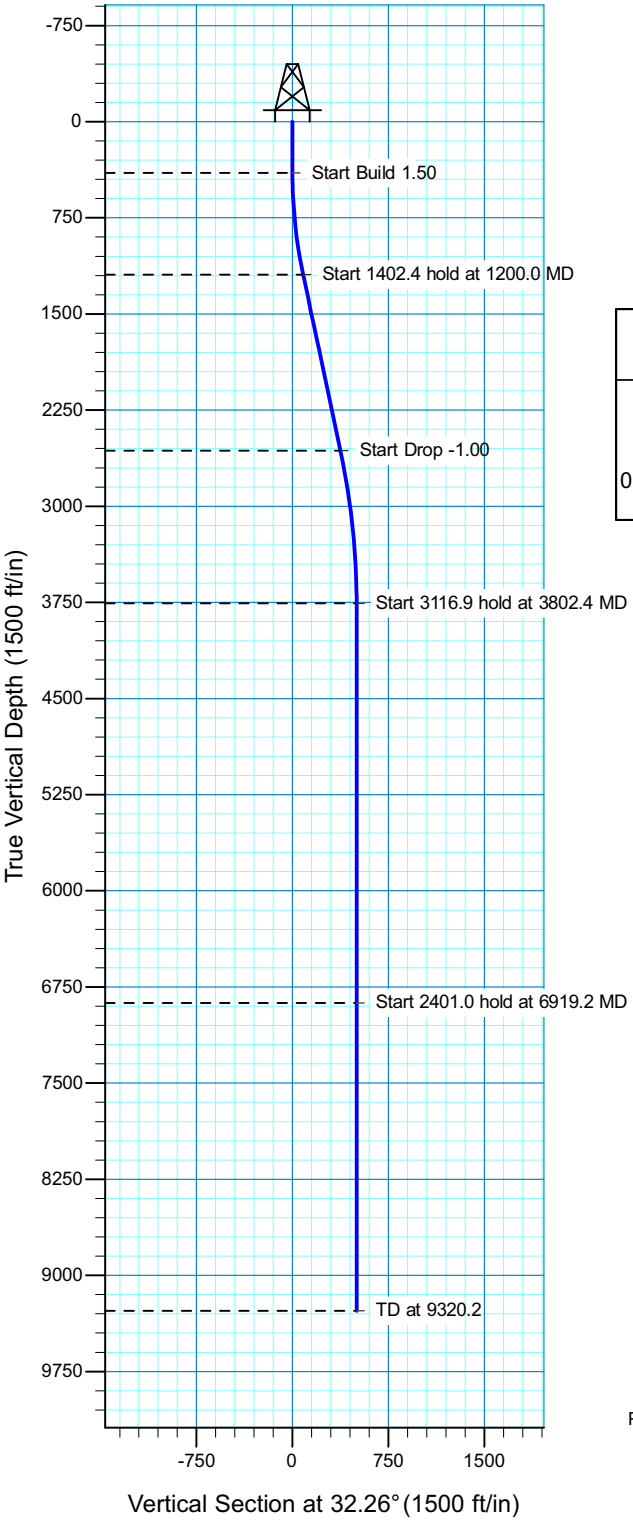
TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
CWU 1494-25D	6839.0	-646.7	-2.2	-111656.05	2591194.75	40° 0' 25.808 N	109° 23' 23.449 W	Circle (Radius: 50.0)

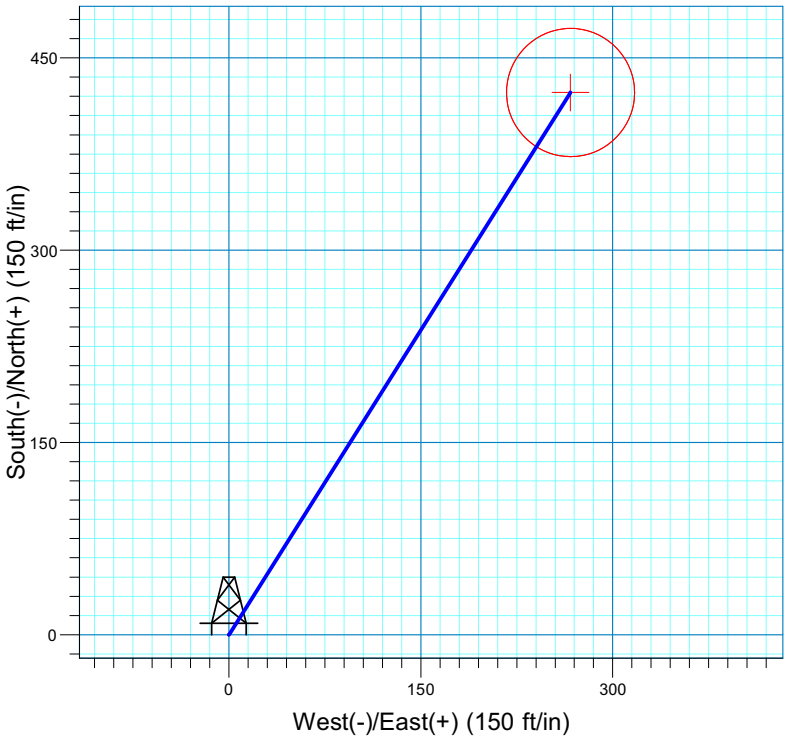
'APIWellNo:43047513180000'

CWU 1495-25D

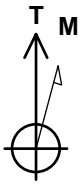
Section 25 T9S R22E
Uintah County, UT



Surface Location			
NAD 1927 (NADCON CONUS) Utah North 4301			
Ground Elevation: 5073.0 RIG @ 5092.0ft (TRUE 34)			
Northing	Easting	Latitude	Longitude
0.0 -110993.72	2591155.12	40° 0' 32.360 N	109° 23' 23.752 W



Project: T9S-R22E Sec 25
Site: CWU 1492-1497 25D (Pad B2_CWU 760-25_Set 5)
Well: 1495-25D
Plan: APD Plan



Azimuths to True North
Magnetic North: 11.28°

Magnetic Field
Strength: 52580.5snT
Dip Angle: 65.96°
Date: 5/28/2009
Model: IGRF200510

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.0	
3	1200.0	12.00	32.26	1194.2	70.6	44.6	1.50	32.26	83.5	
4	2602.4	12.00	32.26	2565.9	317.1	200.2	0.00	0.00	375.0	
5	3802.4	0.00	0.00	3757.1	423.0	267.0	1.00	180.00	500.2	
6	6919.2	0.00	0.00	6874.0	423.0	267.0	0.00	0.00	500.2	CWU 1495-25D
7	9320.2	0.00	0.00	9275.0	423.0	267.0	0.00	0.00	500.2	

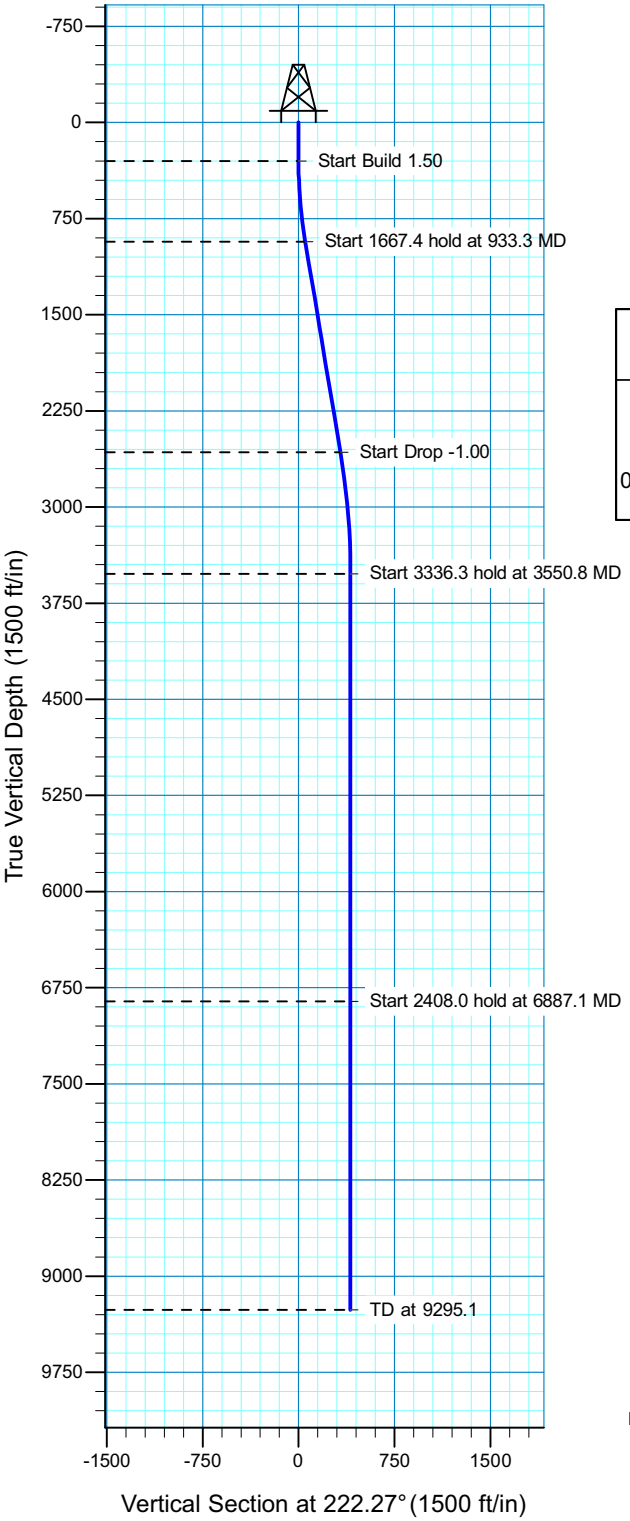
TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
CWU 1495-25D	6874.0	423.0	267.0	-110564.33	2591411.78	40° 0' 36.540 N	109° 23' 20.321 W	Circle (Radius: 50.0)

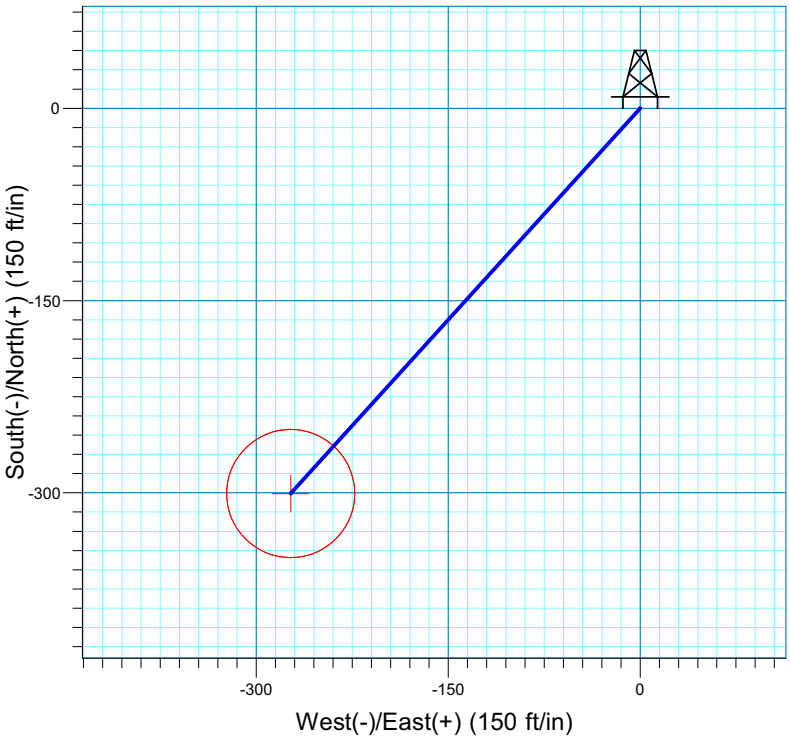
'APIWellNo:43047513180000'

CWU 1492-25D

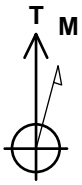
Section 25 T9S R22E
Uintah County, UT



Surface Location				
NAD 1927 (NADCON CONUS) Utah North 4301				
Ground Elevation: 5073.0 RIG @ 5092.0ft (TRUE 34)				
	Northing	Easting	Latittude	Longitude
0.0	-110998.60	2591163.92	40° 0' 32.310 N	109° 23' 23.640 W



Project: T9S-R22E Sec 25
Site: CWU 1492-1497 25D (Pad B2_CWU 760-25_Set 5)
Well: 1492-25D
Plan: APD Plan



Azimuths to True North
Magnetic North: 11.28°

Magnetic Field
Strength: 52580.5snT
Dip Angle: 65.96°
Date: 5/28/2009
Model: IGRF200510

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.0	
3	933.3	9.50	222.27	930.4	-38.8	-35.2	1.50	222.27	52.4	
4	2600.8	9.50	222.27	2575.0	-242.4	-220.3	0.00	0.00	327.6	
5	3550.8	0.00	0.00	3520.7	-300.6	-273.2	1.00	180.00	406.2	
6	6887.1	0.00	0.00	6857.0	-300.6	-273.2	0.00	0.00	406.2	CWU 1492-25D
7	9295.1	0.00	0.00	9265.0	-300.6	-273.2	0.00	0.00	406.2	

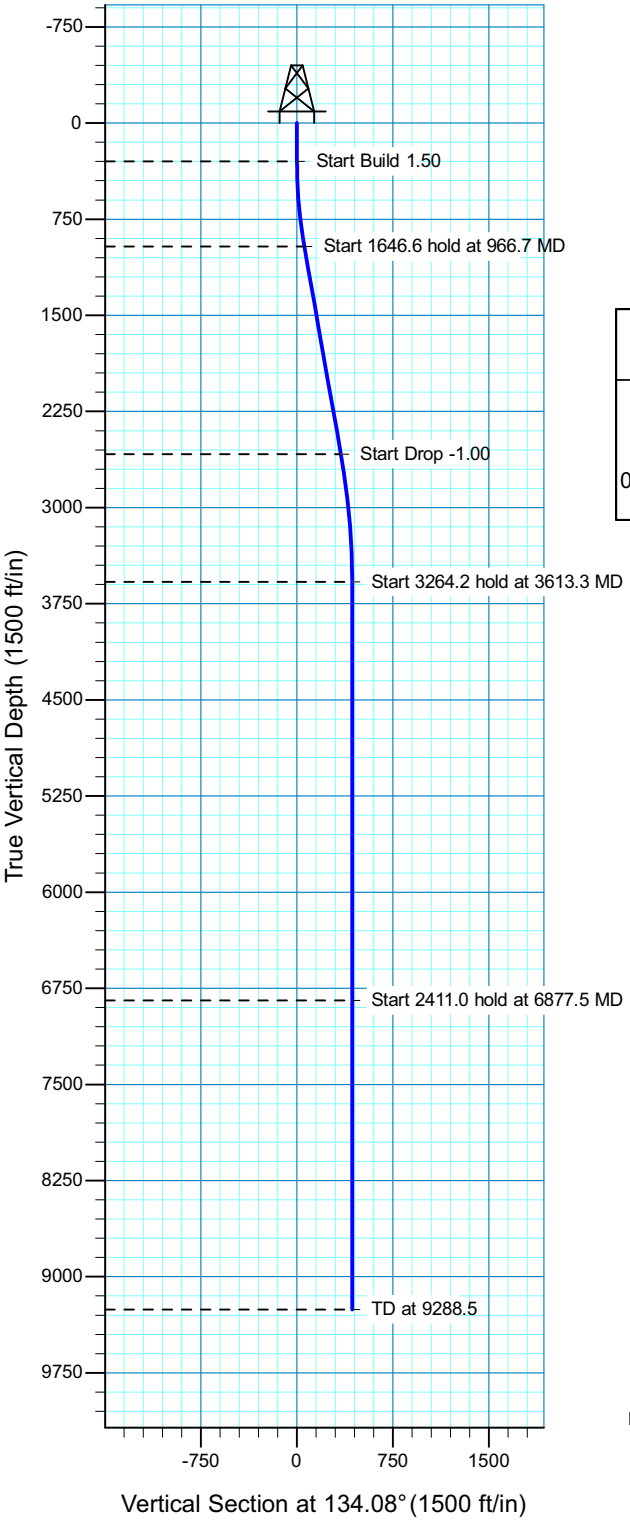
TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
CWU 1492-25D	6857.0	-300.6	-273.2	-111305.72	2590898.12	40° 0' 29.340 N	109° 23' 27.150 W	Circle (Radius: 50.0)

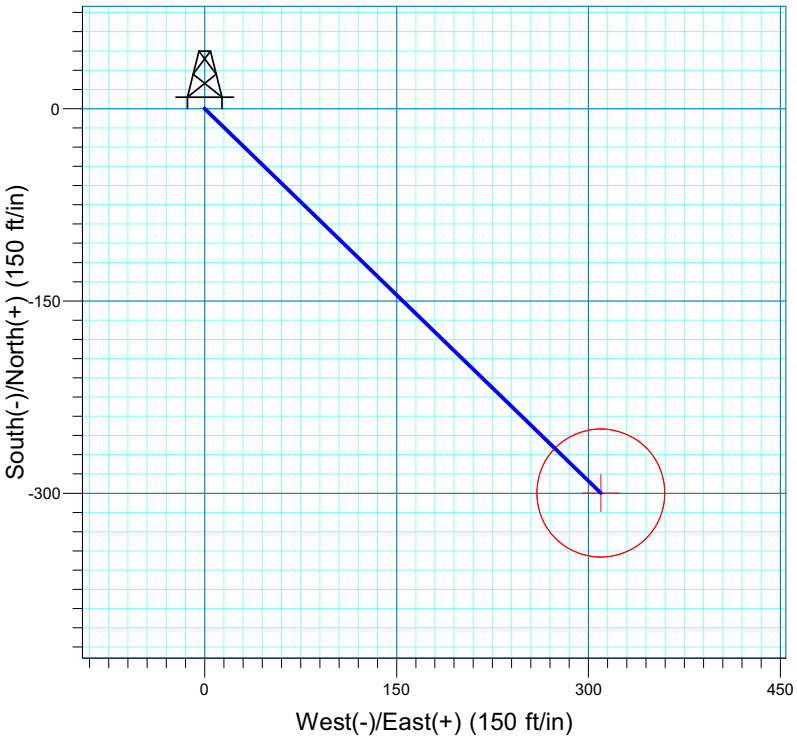
'APIWellNo:43047513180000'

CWU 1496-25D

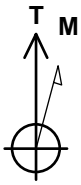
Section 25 T9S R22E
Uintah County, UT



Surface Location			
NAD 1927 (NADCON CONUS) Utah North 4301			
Ground Elevation: 5073.0 RIG @ 5092.0ft (TRUE 34)			
Northing	Easting	Latitude	Longitude
0.0 -111014.00	2591190.08	40° 0' 32.151 N	109° 23' 23.309 W



Project: T9S-R22E Sec 25
Site: CWU 1492-1497 25D (Pad B2_CWU 760-25_Set 5)
Well: 1496-25D
Plan: APD Plan



Azimuths to True North
Magnetic North: 11.28°

Magnetic Field
Strength: 52580.5snT
Dip Angle: 65.96°
Date: 5/28/2009
Model: IGRF200510

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.0	
3	966.7	10.00	134.08	963.3	-40.4	41.7	1.50	134.08	58.0	
4	2613.3	10.00	134.08	2584.9	-239.3	247.1	0.00	0.00	344.0	
5	3613.3	0.00	0.00	3579.8	-299.8	309.6	1.00	180.00	431.0	
6	6877.5	0.00	0.00	6844.0	-299.8	309.6	0.00	0.00	431.0	CWU 1496-25D
7	9288.5	0.00	0.00	9255.0	-299.8	309.6	0.00	0.00	431.0	

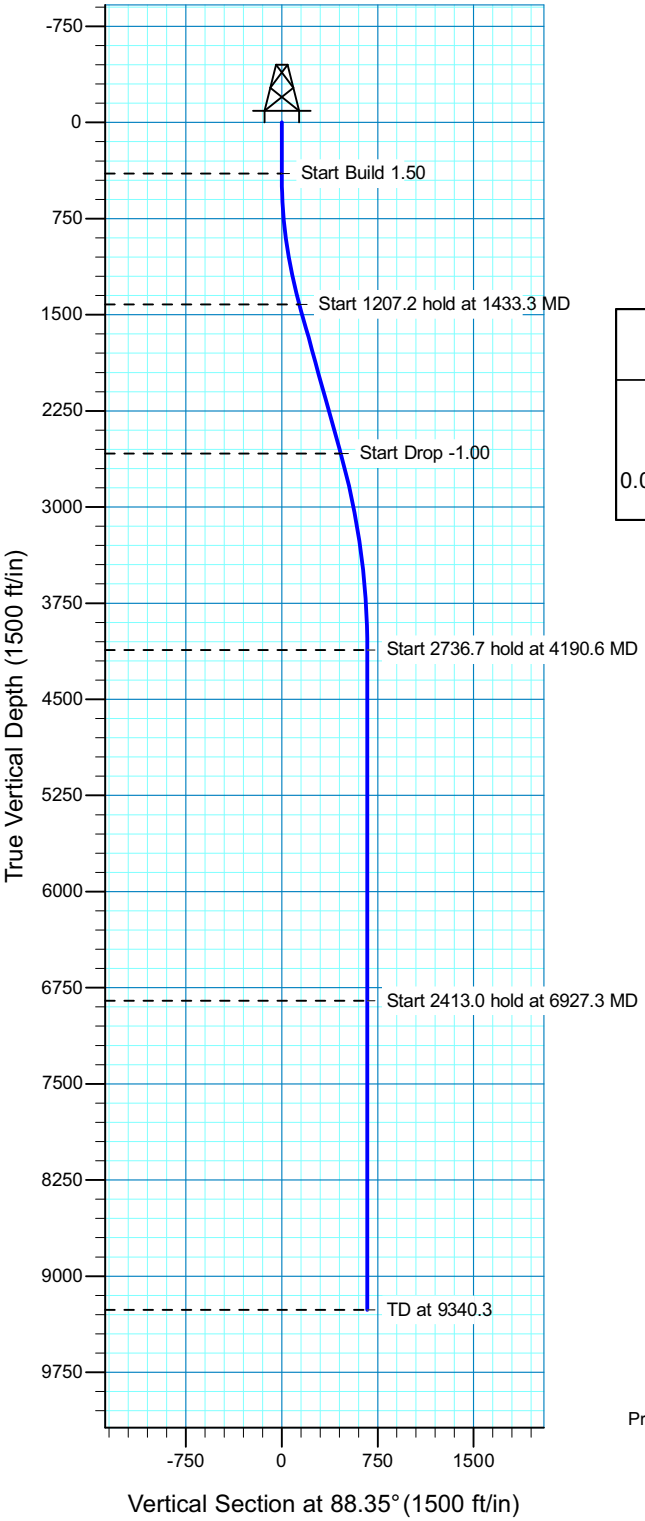
TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
CWU 1496-25D	6844.0	-299.8	309.6	-111306.24	2591506.88	40° 0' 29.189 N	109° 23' 19.331 W	Circle (Radius: 50.0)

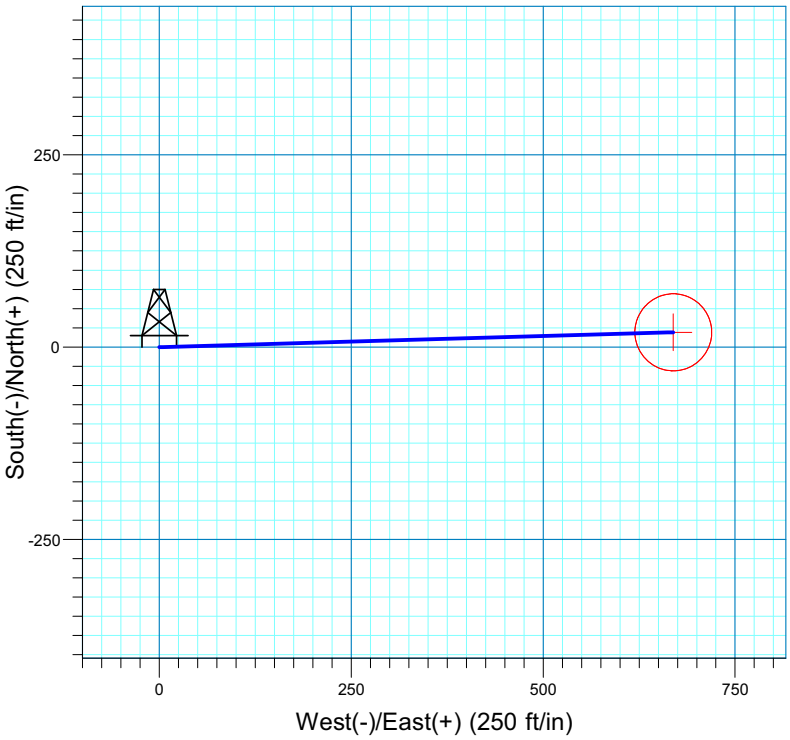
'APIWellNo:43047513180000'

CWU 1497-25D

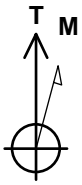
Section 25 T9S R22E
Uintah County, UT



Surface Location			
NAD 1927 (NADCON CONUS) Utah North 4301			
Ground Elevation: 5073.0 RIG @ 5092.0ft (TRUE 34)			
Northing	Easting	Latitude	Longitude
0.0 -111004.59	2591172.76	40° 0' 32.249 N	109° 23' 23.528 W



Project: T9S-R22E Sec 25
Site: CWU 1492-1497 25D (Pad B2_CWU 760-25_Set 5)
Well: 1497-25D
Plan: APD Plan



Azimuths to True North
Magnetic North: 11.28°

Magnetic Field
Strength: 52580.5snT
Dip Angle: 65.96°
Date: 5/28/2009
Model: IGRF200510

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.0	
3	1433.3	15.50	88.35	1420.8	4.0	138.9	1.50	88.35	138.9	
4	2640.6	15.50	88.35	2584.1	13.3	461.4	0.00	0.00	461.5	
5	4190.6	0.00	0.00	4115.3	19.3	669.6	1.00	180.00	669.9	
6	6927.3	0.00	0.00	6852.0	19.3	669.6	0.00	0.00	669.9	CWU 1497-25D
7	9340.3	0.00	0.00	9265.0	19.3	669.6	0.00	0.00	669.9	

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
CWU 1497-25D	6852.0	19.3	669.6	-110969.00	2591841.74	40° 0' 32.440 N	109° 23' 14.924 W	Circle (Radius: 50.0)

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/7/2010 **API NO. ASSIGNED:** 43047513180000
WELL NAME: CWU 1492-25D
OPERATOR: EOG Resources, Inc. (N9550) **PHONE NUMBER:** 435 781-9157
CONTACT: Nanette Lupcho

PROPOSED LOCATION: SENW 25 090S 220E **Permit Tech Review:** ✔

SURFACE: 1940 FNL 2005 FWL **Engineering Review:** ☐

BOTTOM: 2240 FNL 1731 FWL **Geology Review:** ✔

COUNTY: UINTAH
LATITUDE: 40.00900 **LONGITUDE:** -109.38987
UTM SURF EASTINGS: 637429.00 **NORTHINGS:** 4429788.00
FIELD NAME: NATURAL BUTTES
LEASE TYPE: 1 - Federal
LEASE NUMBER: UTU0285A **PROPOSED PRODUCING FORMATION(S):** MESA VERDE
SURFACE OWNER: 1 - Federal **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

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

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit: CHAPITA WELLS

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ✔ **Drilling Unit**

Board Cause No: Cause 179-8
Effective Date: 8/10/1999
Siting: Suspends General Siting

- ✔ **R649-3-11. Directional Drill**

Comments: Presite Completed

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

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill

****

Well Name: CWU 1492-25D
API Well Number: 43047513180000
Lease Number: UTU0285A
Surface Owner: FEDERAL
Approval Date: 10/25/2010

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.

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

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

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

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov

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

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

Approved By:

For John Rogers
Associate Director, Oil & Gas

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: CWU 1492-25D

2. NAME OF OPERATOR: EOG Resources, Inc.

9. API NUMBER: 43047513180000

3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Vernal, UT, 84078

PHONE NUMBER: 435 781-9111 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1940 FNL 2005 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 25 Township: 09.0S Range: 22.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 9/30/2011	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ 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: 10/13/2011

By: [signature]

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Michelle Robles	307 276-4842	Regulatory Assistant

SIGNATURE	DATE
N/A	9/30/2011

RECEIVED Sep. 30, 2011

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 43047513180000

API: 43047513180000
Well Name: CWU 1492-25D
Location: 1940 FNL 2005 FWL QTR SENW SEC 25 TWNP 090S RNG 220E MER S
Company Permit Issued to: EOG RESOURCES, INC.
Date Original Permit Issued: 10/25/2010

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**

Signature: Michelle Robles **Date:** 9/30/2011
Title: Regulatory Assistant **Representing:** EOG RESOURCES, INC.

RECEIVED Sep. 30, 2011

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: CWU 1492-25D

2. NAME OF OPERATOR: EOG Resources, Inc.

9. API NUMBER: 43047513180000

3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000 N , Denver, CO, 80202

PHONE NUMBER: 435 781-9111 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1940 FNL 2005 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 25 Township: 09.0S Range: 22.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ✓ NOTICE OF INTENT — Approximate date work will start: 9/18/2012
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ 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: September 18, 2012

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Vail Nazzaro	303 824-5590	Sr. Regulatory Assistant

SIGNATURE	DATE
N/A	9/18/2012

RECEIVED: Sep. 18, 2012

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 43047513180000

API: 43047513180000
Well Name: CWU 1492-25D
Location: 1940 FNL 2005 FWL QTR SENW SEC 25 TWNP 090S RNG 220E MER S
Company Permit Issued to: EOG RESOURCES, INC.
Date Original Permit Issued: 10/25/2010

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**

Signature: Vail Nazzaro **Date:** 9/18/2012
Title: Sr. Regulatory Assistant **Representing:** EOG RESOURCES, INC.

RECEIVED: Sep. 18, 2012

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: CWU 1492-25D

2. NAME OF OPERATOR: EOG Resources, Inc.

9. API NUMBER: 43047513180000

3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000 N , Denver, CO, 80202

PHONE NUMBER: 435 781-9111 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1940 FNL 2005 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 25 Township: 09.0S Range: 22.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ✓ NOTICE OF INTENT — Approximate date work will start: 10/10/2013
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ 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: October 17, 2013

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Vail Nazzaro	303 824-5590	Sr. Regulatory Assistant

SIGNATURE	DATE
N/A	10/10/2013

RECEIVED: Oct. 10, 2013

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 43047513180000

API: 43047513180000
Well Name: CWU 1492-25D
Location: 1940 FNL 2005 FWL QTR SENW SEC 25 TWNP 090S RNG 220E MER S
Company Permit Issued to: EOG RESOURCES, INC.
Date Original Permit Issued: 10/25/2010

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**

Signature: Vail Nazzaro **Date:** 10/10/2013
Title: Sr. Regulatory Assistant **Representing:** EOG RESOURCES, INC.

RECEIVED: Oct. 10, 2013

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: CWU 1492-25D

2. NAME OF OPERATOR: EOG RESOURCES, INC.

9. API NUMBER: 43047513180000

3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000 N , Denver, CO, 80202

PHONE NUMBER: 435 781-9111 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1940 FNL 2005 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 25 Township: 09.0S Range: 22.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ✓ NOTICE OF INTENT — Approximate date work will start: 10/10/2014
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ 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
October 14, 2014
Oil, Gas and Mining

Date:

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Donna J Skinner	303 262-9467	Sr. Regulatory Assistant

SIGNATURE	DATE
N/A	10/10/2014

RECEIVED: Oct. 10, 2014

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 43047513180000

API: 43047513180000
Well Name: CWU 1492-25D
Location: 1940 FNL 2005 FWL QTR SENW SEC 25 TWNP 090S RNG 220E MER S
Company Permit Issued to: EOG RESOURCES, INC.
Date Original Permit Issued: 10/25/2010

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**

Signature: Donna J Skinner **Date:** 10/10/2014
Title: Sr. Regulatory Assistant **Representing:** EOG RESOURCES, INC.

RECEIVED: Oct. 10, 2014

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: CWU 1492-25D

2. NAME OF OPERATOR: EOG RESOURCES, INC.

9. API NUMBER: 43047513180000

3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Vernal, UT, 84078

PHONE NUMBER: 435 781-9111 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1940 FNL 2005 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 25 Township: 09.0S Range: 22.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 9/2/2015	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ 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: September 03, 2015
By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kaylene Gardner	435 781-9111	Regulatory Administrator

SIGNATURE	DATE
N/A	9/2/2015

RECEIVED: Sep. 02, 2015

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 43047513180000

API: 43047513180000
Well Name: CWU 1492-25D
Location: 1940 FNL 2005 FWL QTR SENW SEC 25 TWNP 090S RNG 220E MER S
Company Permit Issued to: EOG RESOURCES, INC.
Date Original Permit Issued: 10/25/2010

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**

Signature: Kaylene Gardner **Date:** 9/2/2015
Title: Regulatory Administrator **Representing:** EOG RESOURCES, INC.

RECEIVED: Sep. 02, 2015

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: CWU 1492-25D

2. NAME OF OPERATOR: EOG RESOURCES, INC.

9. API NUMBER: 43047513180000

3. ADDRESS OF OPERATOR: 600 17th Street Ste 1000N , Denver, CO, 80202

PHONE NUMBER: 435 781-9111 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1940 FNL 2005 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 25 Township: 09.0S Range: 22.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ✓ NOTICE OF INTENT — Approximate date work will start: 8/22/2016
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ 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
August 23, 2016
Date:
By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kristen Sheehan	303 262-9931	Assistant Regulatory

SIGNATURE	DATE
N/A	8/22/2016

RECEIVED: Aug. 22, 2016

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 43047513180000

API: 43047513180000
Well Name: CWU 1492-25D
Location: 1940 FNL 2005 FWL QTR SENW SEC 25 TWNP 090S RNG 220E MER S
Company Permit Issued to: EOG RESOURCES, INC.
Date Original Permit Issued: 10/25/2010

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**

Signature: Kristen Sheehan **Date:** 8/22/2016
Title: Assistant Regulatory **Representing:** EOG RESOURCES, INC.

RECEIVED: Aug. 22, 2016