API Well Number: 43047521850000

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
Chapita Wells Unit 1591-26D

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	2538 FNL 1201 FEL	SENE	26	9.0 S	22.0 E	S
Top of Uppermost Producing Zone	2557 FSL 1529 FEL	NWSE	26	9.0 S	22.0 E	S
At Total Depth	2557 FSL 1529 FEL	NWSE	26	9.0 S	22.0 E	S

21. COUNTY
UINTAH

22. DISTANCE TO NEAREST LEASE LINE (Feet)
1237

23. NUMBER OF ACRES IN DRILLING UNIT
1800

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
440

26. PROPOSED DEPTH
MD: 9240 TVD: 9205

27. ELEVATION - GROUND LEVEL
4962

28. BOND NUMBER
NM2308

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
49-225

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	9.625	0 - 2150	36.0	J-55 ST&C	0.0	Type III	130	4.1	10.5
							Type V	135	1.18	15.6
Prod	8.75	4.5	0 - 9240	11.6	N-80 LT&C	10.5	Light (Hibond)	320	1.61	12.5
							50/50 Poz	790	1.47	13.5

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** 11/10/2011 **EMAIL** Nanette_Lupcho@EOGResources.com

API NUMBER ASSIGNED
43047521850000

APPROVAL

Permit Manager

RECEIVED: November 22, 2011

DRILLING PLAN
MULTI-WELL PAD:
CWU 1586-26D, CWU 1587-26D, CWU 1588-26D, CWU 1589-26D, CWU 1590-26D, CWU 1591-26D

SE/NE, SEC. 26, T9S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

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

	CWU 1586-26D		CWU 1587-26D		CWU 1588-26D		CWU 1589-26D	
FORMATION	**TVD**	**MD**	**TVD**	**MD**	**TVD**	**MD**	**TVD**	**MD**
Green River	1367	1377	1370	1379	1347	1356	1363	1379
Birdsnest	1569	1583	1574	1585	1572	1585	1566	1590
Mahogany Oil Shale Bed	2159	2186	2171	2190	2170	2192	2154	2198
Wasatch	4502	4548	4532	4561	4554	4599	4486	4585
Chapita Wells	5092	5138	5117	5147	5122	5167	5080	5179
Buck Canyon	5754	5800	5772	5801	5797	5842	5746	5845
North Horn	6458	6504	6486	6515	6470	6516	6445	6545
KMV Price River	6800	6846	6838	6867	6850	6895	6781	6880
KMV Price River Middle	7688	7734	7715	7744	7722	7767	7675	7774
KMV Price River Lower	8488	8534	8513	8542	8522	8567	8476	8575
Sego	8993	9039	9018	9047	9021	9067	8981	9081
TD	9195	9241	9220	9249	9225	9270	9185	9285
ANTICIPATED BHP (PSI)	**5020**		**5034**		**5037**		**5015**	

	CWU 1590-26D		CWU 1591-26D					
FORMATION	**TVD**	**MD**	**TVD**	**MD**	**TVD**	**MD**	**TVD**	**MD**
Green River	1346	1358	1327	1336				
Birdsnest	1564	1580	1563	1581				
Mahogany Oil Shale Bed	2156	2184	2163	2194				
Wasatch	4508	4541	4552	4587				
Chapita Wells	5092	5126	5105	5140				
Buck Canyon	5758	5792	5783	5817				
North Horn	6455	6489	6455	6490				
KMV Price River	6802	6835	6830	6865				
KMV Price River Middle	7689	7723	7707	7742				
KMV Price River Lower	8489	8523	8507	8542				
Sego	8993	9027	9005	9040				
TD	9195	9229	9205	9240				
ANTICIPATED BHP (PSI)	**5020**		**5026**					

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 1,400 ft ±.
2. Cement to be installed to surface of the well isolating all zones.

RECEIVED: November 10, 2011

DRILLING PLAN
MULTI-WELL PAD:
CWU 1586-26D, CWU 1587-26D, CWU 1588-26D,
CWU 1589-26D, CWU 1590-26D, CWU 1591-26D
SE/NE, SEC. 26, 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 – 2,150'± MD	9 ⅝"	36.0#	J-55	STC	2020 PSI	3520 PSI	394,000#
Production	7 7/8"	Surface – MTD	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 2,150' MD shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

5. FLOAT EQUIPMENT:

Surface Casing (0'- ±2150' MD):

Guide Shoe
Insert Float Collar (PDC drillable)
Centralizers: 1 in middle of shoe joint, then top of every joint for next 7 joints, 2 at KOP. (10 total)

Production Casing (0' – MTD):

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

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DRILLING PLAN
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CWU 1589-26D, CWU 1590-26D, CWU 1591-26D
SE/NE, SEC. 26, T9S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2150'± MD):

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

or

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

Production Hole Procedure (2150'± - MTD):

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

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).

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DRILLING PLAN
MULTI-WELL PAD:
CWU 1586-26D, CWU 1587-26D, CWU 1588-26D,
CWU 1589-26D, CWU 1590-26D, CWU 1591-26D
SE/NE, SEC. 26, T9S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

8. EVALUATION PROGRAM:

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

9. CEMENT PROGRAM:

Surface Casing (0'- ±2150' MD):

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

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

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

135 sx. **HES HalCem (Type V) + 2% $CaCl_2$ (Accelerator), mixed at 15.6 ppg, 1.18 cfps, 5.05 gps fresh water**

Top Out: As necessary with:

HES HalCem (Type V) + 2% $CaCl_2$ (Accelerator), mixed at 15.6 ppg, 1.18 cfps, 5.05 gps fresh water

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

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DRILLING PLAN
MULTI-WELL PAD:
CWU 1586-26D, CWU 1587-26D, CWU 1588-26D,
CWU 1589-26D, CWU 1590-26D, CWU 1591-26D
SE/NE, SEC. 26, T9S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

Production Casing (0' – MTD):

Lead: Lead volume to be calculated to bring cement from 400' above top of Wasatch Formation to 200'± above 9 5/8" surface casing shoe @ ±2150' MD. For improved mud displacement, lead slurry weight will be a minimum of 0.5 ppg over mud weight utilized at well MTD and vary from 11.0 – 13.0 ppg.

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

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

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

- **205 sx. if 11.0 ppg, 2.52 cfps, 14.96 gps fresh water**
- **245 sx. if 11.5 ppg, 2.12 cfps, 11.98 gps fresh water**
- **280 sx. if 12.0 ppg, 1.83 cfps, 9.82 gps fresh water**
- **320 sx. if 12.5 ppg, 1.61 cfps, 8.17 gps fresh water**

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

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

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

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

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

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2150'± MD):

Lost circulation

Production Hole (2150'± - MTD):

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

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DRILLING PLAN
MULTI-WELL PAD:
CWU 1586-26D, CWU 1587-26D, CWU 1588-26D,
CWU 1589-26D, CWU 1590-26D, CWU 1591-26D
SE/NE, SEC. 26, T9S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

11. STANDARD REQUIRED EQUIPMENT:

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

12. HAZARDOUS CHEMICALS:

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

13. Air Drilling Operations:

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

(Attachment: BOP Schematic Diagram)

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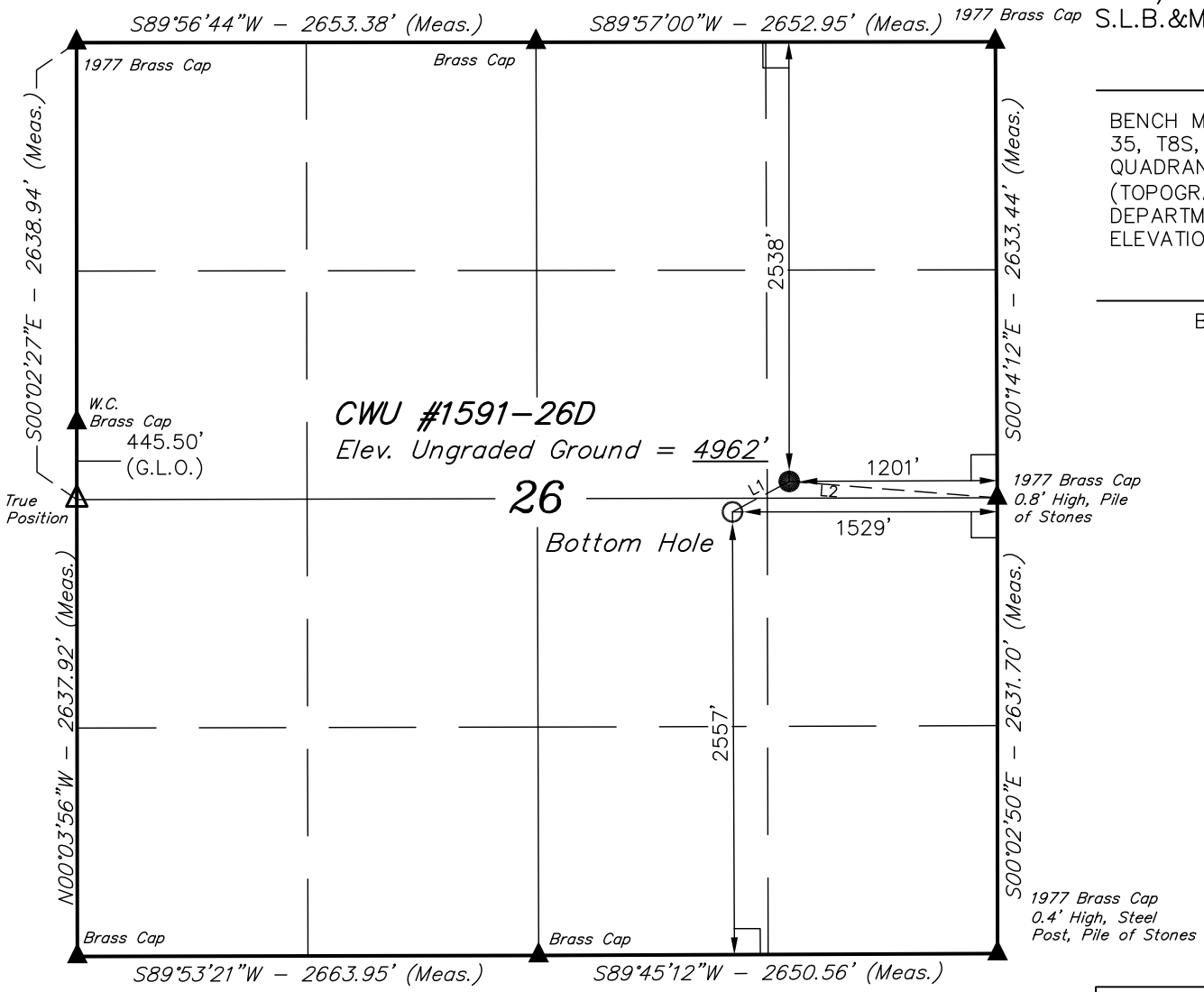
T9S, R22E, S.L.B.&M.



EOG RESOURCES, INC.

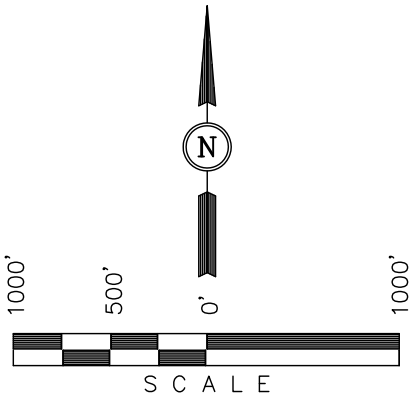
Well location, #1591–26D, located as shown in the SE 1/4 NE 1/4 of Section 26, T9S, R22E, S.L.B.&M., Uintah County, Utah.

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

LINE TABLE		
LINE	BEARING	LENGTH
L1	S61°45'52"W	371.86'
L2	N85°30'10"W	1204.95'

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°00'24.45" (40.006792)	LATITUDE = 40°00'26.18" (40.007272)
LONGITUDE = 109°24'11.47" (109.403186)	LONGITUDE = 109°24'07.26" (109.402017)
NAD 27 (TARGET BOTTOM HOLE)	**NAD 27 (SURFACE LOCATION)**
LATITUDE = 40°00'24.57" (40.006825)	LATITUDE = 40°00'26.31" (40.007308)
LONGITUDE = 109°24'09.02" (109.402506)	LONGITUDE = 109°24'04.81" (109.401336)

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

SCALE 1" = 1000'	DATE SURVEYED: 09–01–10	DATE DRAWN: 09–15–10
PARTY G.S. A.F. C.H.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE EOG RESOURCES, INC.	

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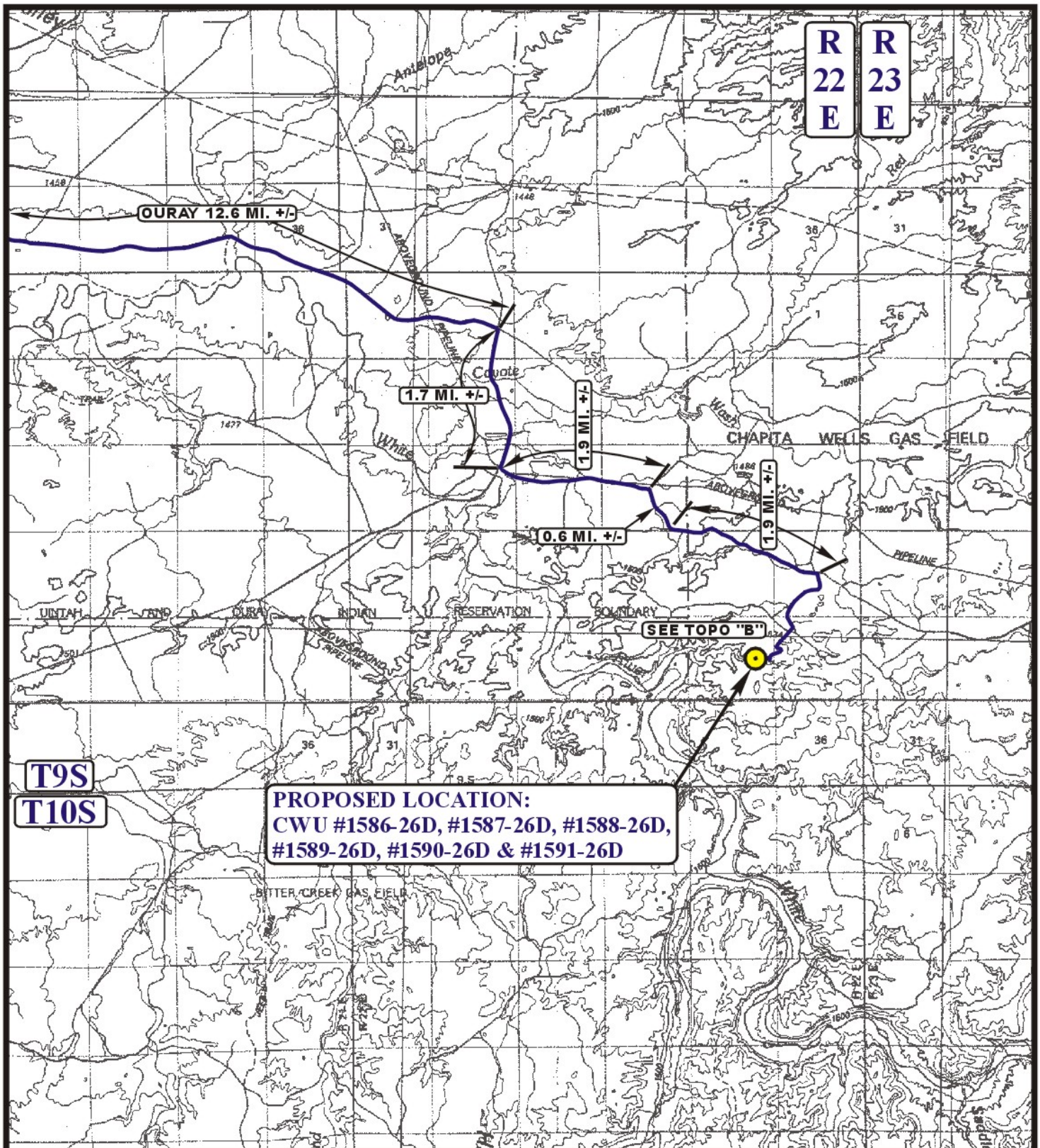


LEGEND:

PROPOSED LOCATION

N

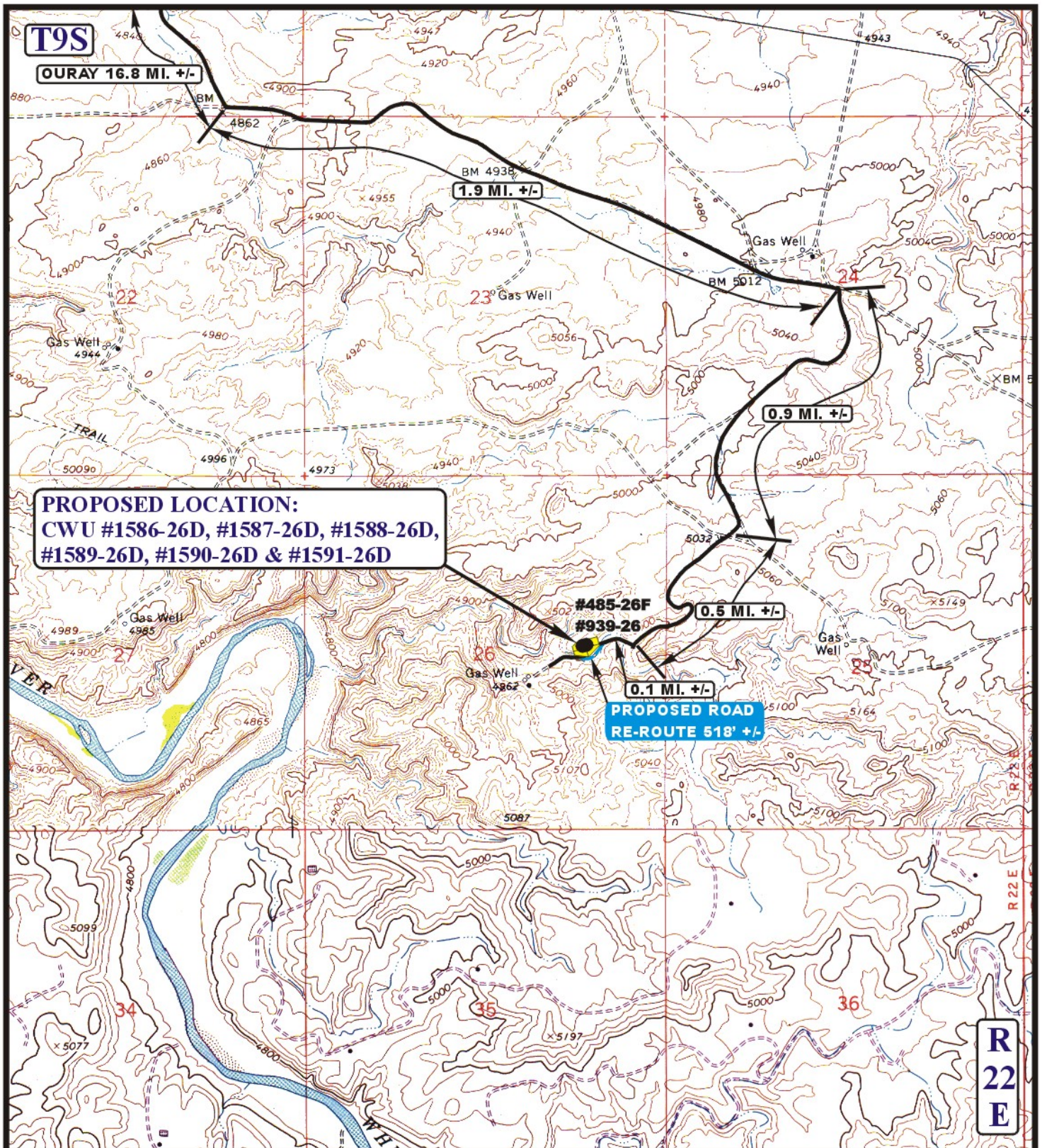
EOG RESOURCES, INC.

CWU #1586-26D, #1587-26D, #1588-26D,
#1589-26D, #1590-26D & #1591-26D
SECTION 26, T9S, R22E, S.L.B.&M.
SE 1/4 NE 1/4

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

TOPOGRAPHIC MAP	09 MONTH	28 DAY	10 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: Z.L.	REVISED: 00-00-00		

API Well Number: 43047521850000



LEGEND:

EXISTING ROAD

PROPOSED

N

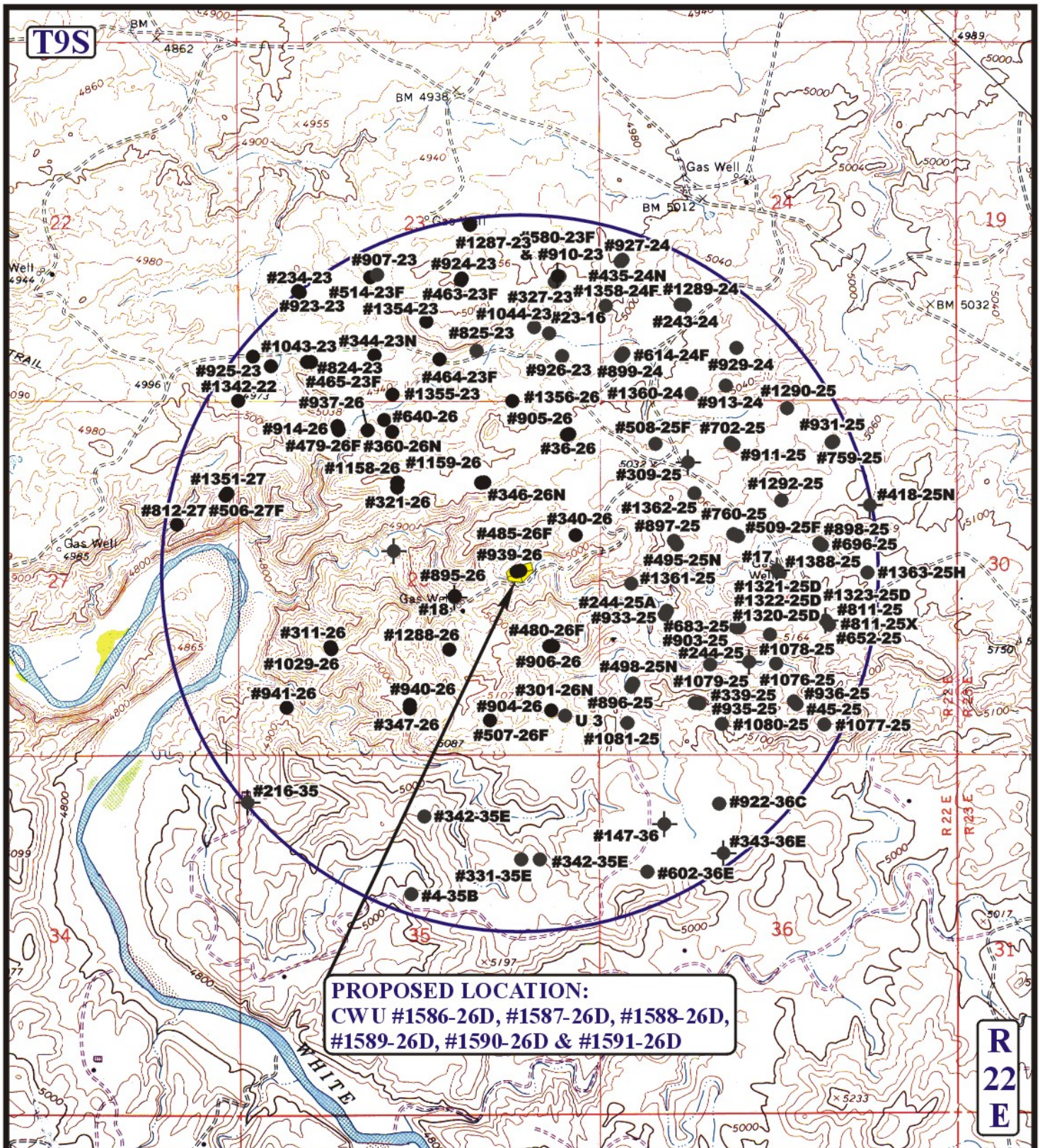
EOG RESOURCES, INC.

CWU #1586-26D, #1587-26D, #1588-26D,
#1589-26D, #1590-26D & #1591-26D
SECTION 26, T9S, R22E, S.L.B.&M.
SE 1/4 NE 1/4

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

TOPOGRAPHIC MAP	09 MONTH	28 DAY	10 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: Z.L.	REVISED: 00-00-00		

API Well Number: 43047521850000



LEGEND:

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

N

EOG RESOURCES, INC.

CWU #1586-26D, #1587-26D, #1588-26D,
#1589-26D, #1590-26D & #1591-26D
SECTION 26, T9S, R22E, S.L.B.&M.
SE 1/4 NE 1/4

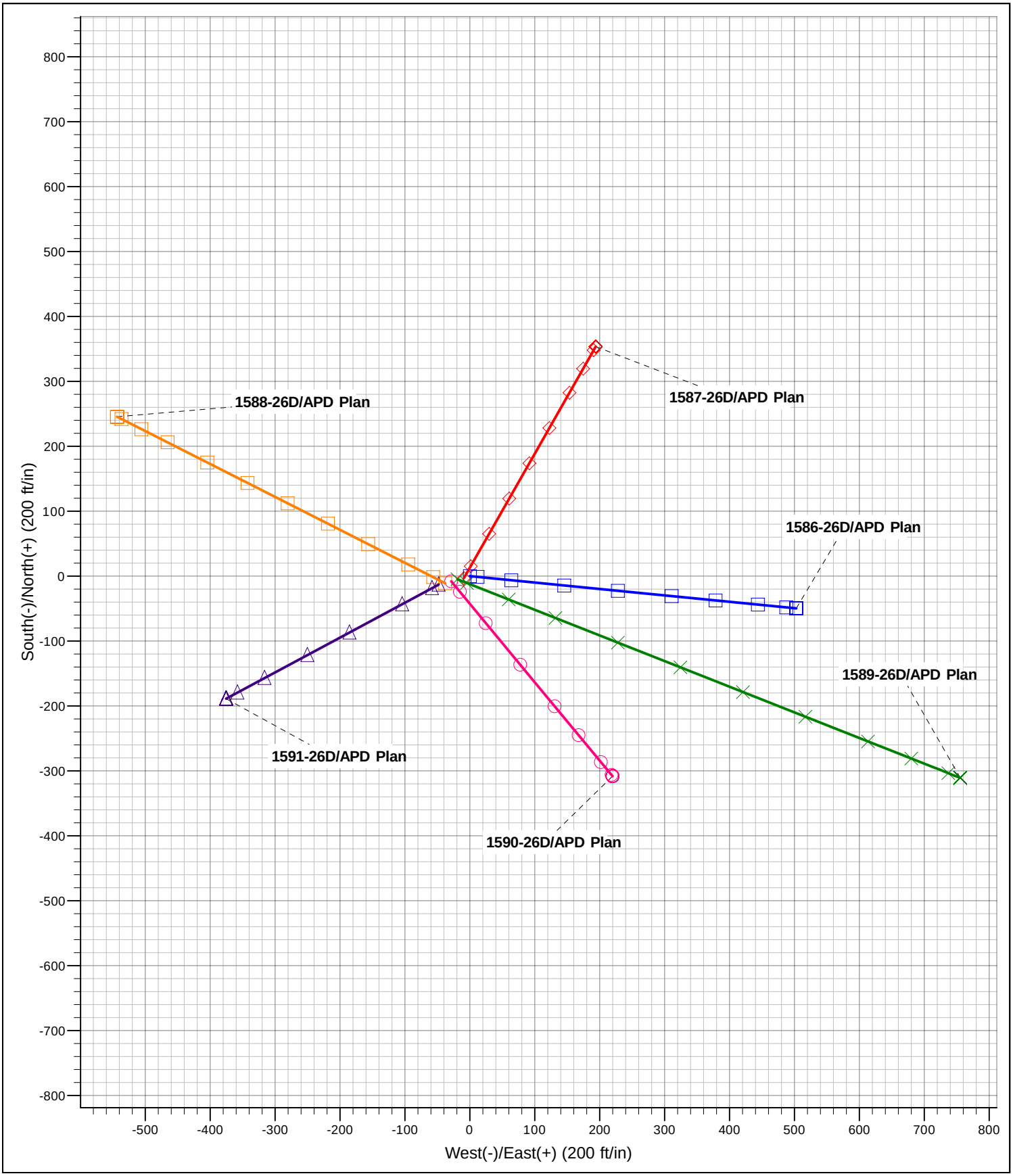
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	09 MONTH	28 DAY	10 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: Z.L.	REVISED: 00-00-00		

API Well Number: 43047521850000

CWU 1586-26D, CWU 1587-26D, CWU 1588-26D
CWU 1589-26D, CWU 1590-26D, CWU 1591-26D

SE/NE, SEC. 26 T9S, R22E, S.L.B. & M.
UINTAH COUNTY, UTAH



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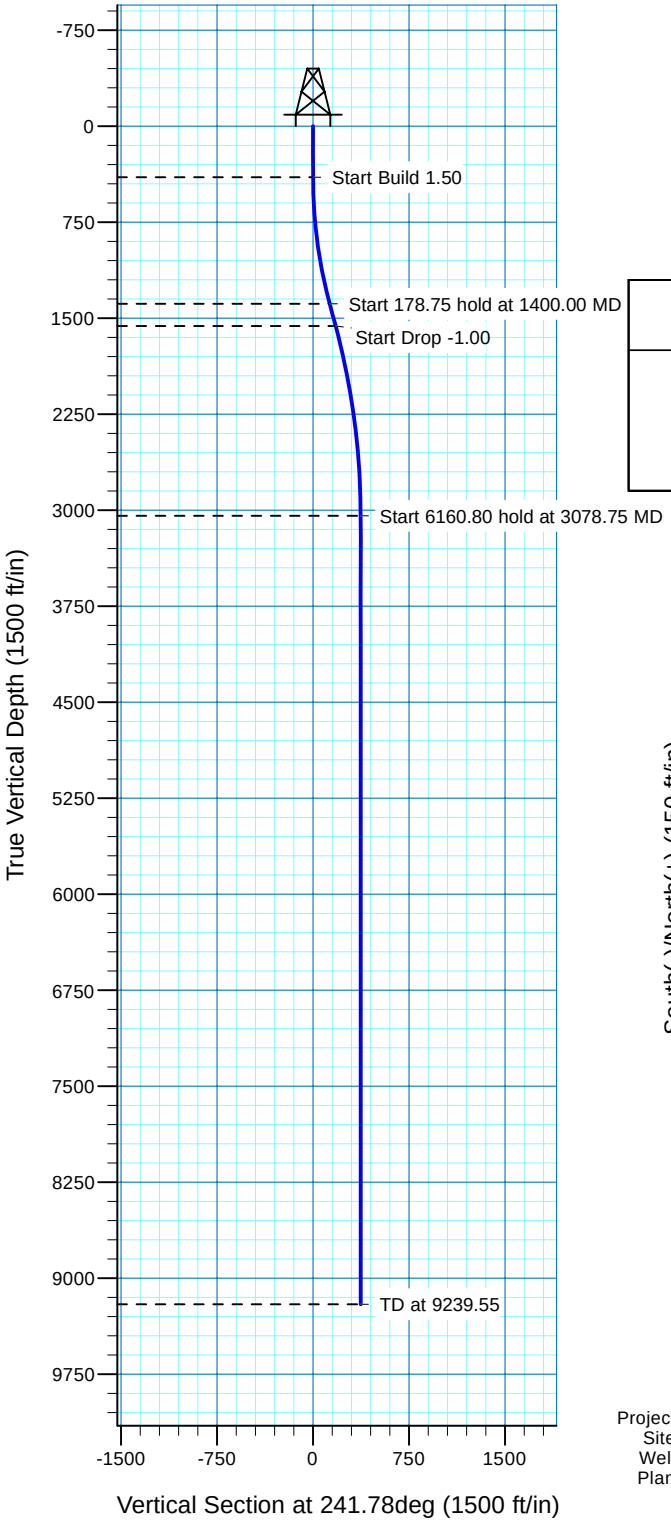
API Well Number: 43047521850000

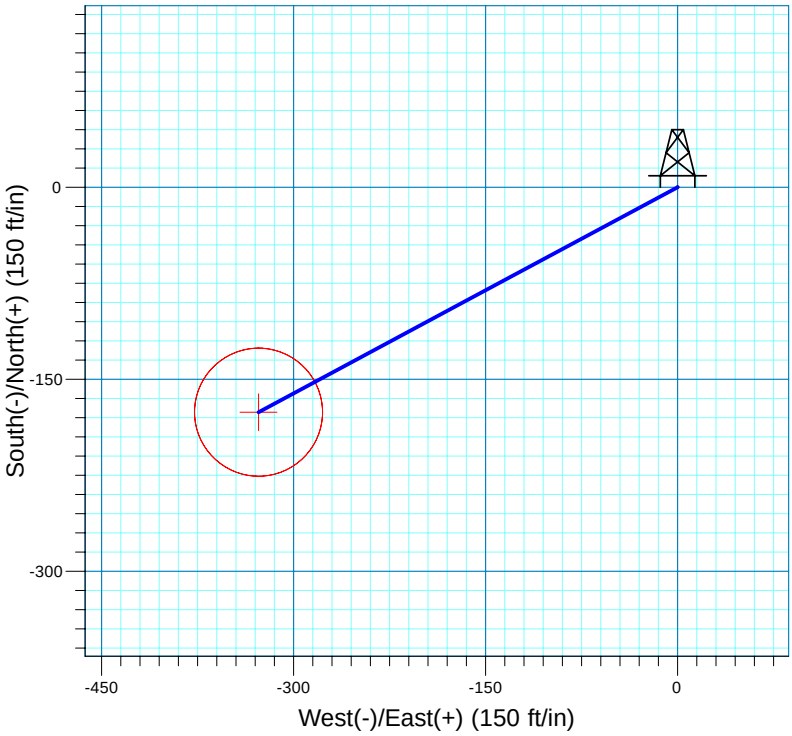
CWU 1591-26D

Section 26 T9S R22E

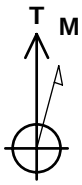
Uintah County, UT



Surface Location			
NAD 1927 (NADCON CONUS)		Utah North 4301	
Ground Elevation: 4961.00		RIG KB @ 4980.00ft (TRUE 34 KB=19')	
Northing	Easting	Latitude	Longitude
-111683.38	2587975.31	40° 0' 26.309 N	109° 24' 4.810 W



Project: T9S-R22E Sec 26
Site: CWU 1586-1591-26D (Pad_CWU 939-26_Set 19)
Well: 1591-26D
Plan: APD Plan



Azimuths to True North
Magnetic North: 11.13°

Magnetic Field
Strength: 52471.5snT
Dip Angle: 65.93°
Date: 7/12/2010
Model: IGRF200510

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	
3	1400.00	15.00	241.78	1388.62	-61.55	-114.68	1.50	241.78	130.15	
4	1578.75	15.00	241.78	1561.27	-83.43	-155.44	0.00	0.00	176.42	
5	3078.75	0.00	0.00	3044.20	-175.75	-327.47	1.00	180.00	371.65	
6	9239.55	0.00	0.00	9205.00	-175.75	-327.47	0.00	0.00	371.65	1591-26D

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
1591-26D	9205.00	-175.75	-327.47	-111866.99	2587652.19	40° 0' 24.572 N	109° 24' 9.017 W	Circle (Radius: 50.00)

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Denver Division - Utah

T9S-R22E Sec 26
CWU 1586-1591-26D (Pad_CWU 939-26_Set 19)
1591-26D

Wellbore #1

Plan: APD Plan

Standard Planning Report

13 October, 2011

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EOG Resources Inc

Planning Report

Database:	EDM	**Local Co-ordinate Reference:**	Well 1591-26D
Company:	Denver Division - Utah	**TVD Reference:**	RIG KB @ 4980.00ft (TRUE 34 KB=19')
Project:	T9S-R22E Sec 26	**MD Reference:**	RIG KB @ 4980.00ft (TRUE 34 KB=19')
Site:	CWU 1586-1591-26D (Pad_CWU 939-26_Set 19)	**North Reference:**	True
Well:	1591-26D	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	APD Plan		

Project T9S-R22E Sec 26

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 1586-1591-26D (Pad_CWU 939-26_Set 19)

Site Position:		**Northing:**	-111,633.31 ft	**Latitude:**	40° 0' 26.798 N
From:	Lat/Long	**Easting:**	2,587,995.97 ft	**Longitude:**	109° 24' 4.529 W
Position Uncertainty:	0.00 ft	**Slot Radius:**	"	**Grid Convergence:**	1.38 deg

Well 1591-26D, PUD=V62

Well Position	**+N/-S**	-49.56 ft	**Northing:**	-111,683.38 ft	**Latitude:**	40° 0' 26.309 N
	+E/-W	-21.86 ft	**Easting:**	2,587,975.31 ft	**Longitude:**	109° 24' 4.810 W
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	4,961.00 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (deg)	Dip Angle (deg)	Field Strength (nT)
	IGRF200510	7/12/2010	11.13	65.93	52,472

Design APD Plan

Audit Notes:

Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (deg)
	0.00	0.00	0.00	241.78

Plan Sections

Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (?/100ft)	Build Rate (?/100ft)	Turn Rate (?/100ft)	TFO (deg)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,400.00	15.00	241.78	1,388.62	-61.55	-114.68	1.50	1.50	0.00	241.78	
1,578.75	15.00	241.78	1,561.27	-83.43	-155.44	0.00	0.00	0.00	0.00	
3,078.75	0.00	0.00	3,044.20	-175.75	-327.47	1.00	-1.00	0.00	180.00	
9,239.55	0.00	0.00	9,205.00	-175.75	-327.47	0.00	0.00	0.00	0.00	1591-26D

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EOG Resources Inc

Planning Report

Database:	EDM	**Local Co-ordinate Reference:**	Well 1591-26D
Company:	Denver Division - Utah	**TVD Reference:**	RIG KB @ 4980.00ft (TRUE 34 KB=19')
Project:	T9S-R22E Sec 26	**MD Reference:**	RIG KB @ 4980.00ft (TRUE 34 KB=19')
Site:	CWU 1586-1591-26D (Pad_CWU 939-26_Set 19)	**North Reference:**	True
Well:	1591-26D	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	APD Plan		

Planned Survey

Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (?/100ft)	Build Rate (?/100ft)	Turn Rate (?/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	1.50	241.78	499.99	-0.62	-1.15	1.31	1.50	1.50	0.00
600.00	3.00	241.78	599.91	-2.48	-4.61	5.23	1.50	1.50	0.00
700.00	4.50	241.78	699.69	-5.57	-10.38	11.77	1.50	1.50	0.00
800.00	6.00	241.78	799.27	-9.90	-18.44	20.92	1.50	1.50	0.00
900.00	7.50	241.78	898.57	-15.45	-28.79	32.68	1.50	1.50	0.00
1,000.00	9.00	241.78	997.54	-22.24	-41.44	47.03	1.50	1.50	0.00
1,100.00	10.50	241.78	1,096.09	-30.25	-56.36	63.96	1.50	1.50	0.00
1,200.00	12.00	241.78	1,194.16	-39.47	-73.55	83.47	1.50	1.50	0.00
1,300.00	13.50	241.78	1,291.70	-49.91	-92.99	105.54	1.50	1.50	0.00
1,400.00	15.00	241.78	1,388.62	-61.55	-114.68	130.15	1.50	1.50	0.00
1,500.00	15.00	241.78	1,485.21	-73.79	-137.49	156.04	0.00	0.00	0.00
1,578.75	15.00	241.78	1,561.27	-83.43	-155.44	176.42	0.00	0.00	0.00
1,600.00	14.79	241.78	1,581.81	-86.01	-160.26	181.88	1.00	-1.00	0.00
1,700.00	13.79	241.78	1,678.72	-97.68	-182.00	206.56	1.00	-1.00	0.00
1,800.00	12.79	241.78	1,776.04	-108.55	-202.25	229.54	1.00	-1.00	0.00
1,900.00	11.79	241.78	1,873.75	-118.61	-221.00	250.82	1.00	-1.00	0.00
2,000.00	10.79	241.78	1,971.81	-127.87	-238.25	270.40	1.00	-1.00	0.00
2,100.00	9.79	241.78	2,070.20	-136.31	-253.99	288.25	1.00	-1.00	0.00
2,200.00	8.79	241.78	2,168.89	-143.95	-268.21	304.39	1.00	-1.00	0.00
2,300.00	7.79	241.78	2,267.84	-150.76	-280.91	318.81	1.00	-1.00	0.00
2,400.00	6.79	241.78	2,367.04	-156.76	-292.08	331.49	1.00	-1.00	0.00
2,500.00	5.79	241.78	2,466.43	-161.94	-301.73	342.44	1.00	-1.00	0.00
2,600.00	4.79	241.78	2,566.01	-166.30	-309.85	351.66	1.00	-1.00	0.00
2,700.00	3.79	241.78	2,665.72	-169.83	-316.44	359.13	1.00	-1.00	0.00
2,800.00	2.79	241.78	2,765.56	-172.55	-321.49	364.87	1.00	-1.00	0.00
2,900.00	1.79	241.78	2,865.48	-174.43	-325.01	368.86	1.00	-1.00	0.00
3,000.00	0.79	241.78	2,965.45	-175.50	-326.99	371.11	1.00	-1.00	0.00
3,078.75	0.00	0.00	3,044.20	-175.75	-327.47	371.65	1.00	-1.00	0.00
3,100.00	0.00	0.00	3,065.45	-175.75	-327.47	371.65	0.00	0.00	0.00
3,200.00	0.00	0.00	3,165.45	-175.75	-327.47	371.65	0.00	0.00	0.00
3,300.00	0.00	0.00	3,265.45	-175.75	-327.47	371.65	0.00	0.00	0.00
3,400.00	0.00	0.00	3,365.45	-175.75	-327.47	371.65	0.00	0.00	0.00
3,500.00	0.00	0.00	3,465.45	-175.75	-327.47	371.65	0.00	0.00	0.00
3,600.00	0.00	0.00	3,565.45	-175.75	-327.47	371.65	0.00	0.00	0.00
3,700.00	0.00	0.00	3,665.45	-175.75	-327.47	371.65	0.00	0.00	0.00
3,800.00	0.00	0.00	3,765.45	-175.75	-327.47	371.65	0.00	0.00	0.00
3,900.00	0.00	0.00	3,865.45	-175.75	-327.47	371.65	0.00	0.00	0.00
4,000.00	0.00	0.00	3,965.45	-175.75	-327.47	371.65	0.00	0.00	0.00
4,100.00	0.00	0.00	4,065.45	-175.75	-327.47	371.65	0.00	0.00	0.00
4,200.00	0.00	0.00	4,165.45	-175.75	-327.47	371.65	0.00	0.00	0.00
4,300.00	0.00	0.00	4,265.45	-175.75	-327.47	371.65	0.00	0.00	0.00
4,400.00	0.00	0.00	4,365.45	-175.75	-327.47	371.65	0.00	0.00	0.00
4,500.00	0.00	0.00	4,465.45	-175.75	-327.47	371.65	0.00	0.00	0.00
4,600.00	0.00	0.00	4,565.45	-175.75	-327.47	371.65	0.00	0.00	0.00
4,700.00	0.00	0.00	4,665.45	-175.75	-327.47	371.65	0.00	0.00	0.00
4,800.00	0.00	0.00	4,765.45	-175.75	-327.47	371.65	0.00	0.00	0.00
4,900.00	0.00	0.00	4,865.45	-175.75	-327.47	371.65	0.00	0.00	0.00
5,000.00	0.00	0.00	4,965.45	-175.75	-327.47	371.65	0.00	0.00	0.00

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EOG Resources Inc

Planning Report

Database:	EDM	**Local Co-ordinate Reference:**	Well 1591-26D
Company:	Denver Division - Utah	**TVD Reference:**	RIG KB @ 4980.00ft (TRUE 34 KB=19')
Project:	T9S-R22E Sec 26	**MD Reference:**	RIG KB @ 4980.00ft (TRUE 34 KB=19')
Site:	CWU 1586-1591-26D (Pad_CWU 939-26_Set 19)	**North Reference:**	True
Well:	1591-26D	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	APD Plan		

Planned Survey

Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (?/100ft)	Build Rate (?/100ft)	Turn Rate (?/100ft)
5,100.00	0.00	0.00	5,065.45	-175.75	-327.47	371.65	0.00	0.00	0.00
5,200.00	0.00	0.00	5,165.45	-175.75	-327.47	371.65	0.00	0.00	0.00
5,300.00	0.00	0.00	5,265.45	-175.75	-327.47	371.65	0.00	0.00	0.00
5,400.00	0.00	0.00	5,365.45	-175.75	-327.47	371.65	0.00	0.00	0.00
5,500.00	0.00	0.00	5,465.45	-175.75	-327.47	371.65	0.00	0.00	0.00
5,600.00	0.00	0.00	5,565.45	-175.75	-327.47	371.65	0.00	0.00	0.00
5,700.00	0.00	0.00	5,665.45	-175.75	-327.47	371.65	0.00	0.00	0.00
5,800.00	0.00	0.00	5,765.45	-175.75	-327.47	371.65	0.00	0.00	0.00
5,900.00	0.00	0.00	5,865.45	-175.75	-327.47	371.65	0.00	0.00	0.00
6,000.00	0.00	0.00	5,965.45	-175.75	-327.47	371.65	0.00	0.00	0.00
6,100.00	0.00	0.00	6,065.45	-175.75	-327.47	371.65	0.00	0.00	0.00
6,200.00	0.00	0.00	6,165.45	-175.75	-327.47	371.65	0.00	0.00	0.00
6,300.00	0.00	0.00	6,265.45	-175.75	-327.47	371.65	0.00	0.00	0.00
6,400.00	0.00	0.00	6,365.45	-175.75	-327.47	371.65	0.00	0.00	0.00
6,500.00	0.00	0.00	6,465.45	-175.75	-327.47	371.65	0.00	0.00	0.00
6,600.00	0.00	0.00	6,565.45	-175.75	-327.47	371.65	0.00	0.00	0.00
6,700.00	0.00	0.00	6,665.45	-175.75	-327.47	371.65	0.00	0.00	0.00
6,800.00	0.00	0.00	6,765.45	-175.75	-327.47	371.65	0.00	0.00	0.00
6,900.00	0.00	0.00	6,865.45	-175.75	-327.47	371.65	0.00	0.00	0.00
7,000.00	0.00	0.00	6,965.45	-175.75	-327.47	371.65	0.00	0.00	0.00
7,100.00	0.00	0.00	7,065.45	-175.75	-327.47	371.65	0.00	0.00	0.00
7,200.00	0.00	0.00	7,165.45	-175.75	-327.47	371.65	0.00	0.00	0.00
7,300.00	0.00	0.00	7,265.45	-175.75	-327.47	371.65	0.00	0.00	0.00
7,400.00	0.00	0.00	7,365.45	-175.75	-327.47	371.65	0.00	0.00	0.00
7,500.00	0.00	0.00	7,465.45	-175.75	-327.47	371.65	0.00	0.00	0.00
7,600.00	0.00	0.00	7,565.45	-175.75	-327.47	371.65	0.00	0.00	0.00
7,700.00	0.00	0.00	7,665.45	-175.75	-327.47	371.65	0.00	0.00	0.00
7,800.00	0.00	0.00	7,765.45	-175.75	-327.47	371.65	0.00	0.00	0.00
7,900.00	0.00	0.00	7,865.45	-175.75	-327.47	371.65	0.00	0.00	0.00
8,000.00	0.00	0.00	7,965.45	-175.75	-327.47	371.65	0.00	0.00	0.00
8,100.00	0.00	0.00	8,065.45	-175.75	-327.47	371.65	0.00	0.00	0.00
8,200.00	0.00	0.00	8,165.45	-175.75	-327.47	371.65	0.00	0.00	0.00
8,300.00	0.00	0.00	8,265.45	-175.75	-327.47	371.65	0.00	0.00	0.00
8,400.00	0.00	0.00	8,365.45	-175.75	-327.47	371.65	0.00	0.00	0.00
8,500.00	0.00	0.00	8,465.45	-175.75	-327.47	371.65	0.00	0.00	0.00
8,600.00	0.00	0.00	8,565.45	-175.75	-327.47	371.65	0.00	0.00	0.00
8,700.00	0.00	0.00	8,665.45	-175.75	-327.47	371.65	0.00	0.00	0.00
8,800.00	0.00	0.00	8,765.45	-175.75	-327.47	371.65	0.00	0.00	0.00
8,900.00	0.00	0.00	8,865.45	-175.75	-327.47	371.65	0.00	0.00	0.00
9,000.00	0.00	0.00	8,965.45	-175.75	-327.47	371.65	0.00	0.00	0.00
9,100.00	0.00	0.00	9,065.45	-175.75	-327.47	371.65	0.00	0.00	0.00
9,200.00	0.00	0.00	9,165.45	-175.75	-327.47	371.65	0.00	0.00	0.00
9,239.55	0.00	0.00	9,205.00	-175.75	-327.47	371.65	0.00	0.00	0.00
1591-26D									

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EOG Resources Inc

Planning Report

Database:	EDM	**Local Co-ordinate Reference:**	Well 1591-26D
Company:	Denver Division - Utah	**TVD Reference:**	RIG KB @ 4980.00ft (TRUE 34 KB=19')
Project:	T9S-R22E Sec 26	**MD Reference:**	RIG KB @ 4980.00ft (TRUE 34 KB=19')
Site:	CWU 1586-1591-26D (Pad_CWU 939-26_Set 19)	**North Reference:**	True
Well:	1591-26D	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	APD Plan		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (deg)	Dip Dir. (deg)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
1591-26D - plan hits target center - Circle (radius 50.00)	0.00	0.00	9,205.00	-175.75	-327.47	-111,866.99	2,587,652.19	40° 0' 24.572 N	109° 24' 9.017 W

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eog resources

Chapita Wells Unit
1586-26D, 1587-26D, 1588-26D,
1589-26D, 1590-26D, 1591-26D
SE/NE, Section 26, T9S, R22E
Uintah County, Utah

SURFACE USE PLAN

The well pad is approximately 390 feet long with a 250-foot width, containing 2.24 acres more or less. The well access road is approximately 518 feet long with a 30-foot right-of-way, disturbing approximately .357 acres. New surface disturbance associated with access road and the well pad is estimated to be approximately 2.59 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 51.2 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 will be re-routed for approximately 518' in length, with culverts and/or low water crossings installed on an as-needed basis. Portions of the existing road not required will be ripped and reclaimed during initial construction. See attached Topo B.

B. The access road has a 30-foot ROW w/18 foot running surface.

C. Maximum grade of the new access road will be 8 percent.

D. No turnouts will be required.

E. High or low water crossing as construction dictates.

F. No bridges, or major cuts and fills will be required.

G. The access road will be dirt surface.

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H. No gates, cattleguards, or fences will be required or encountered.

I. A 30-foot permanent right-of-way is requested. No surfacing material will used.

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

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

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

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed, safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30-foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the roadbed block the drainages. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around then avoided.

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

Traveling off the 30-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

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, four to six (4-6) 400-bbl vertical tanks and attaching piping.

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2. Gas gathering lines – A 4" gathering line will be buried from dehy 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 Chapita Wells Unit 485-26F, and Chapita Wells Unit 939-26 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, 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 from Ouray Municipal Water Plant at Ouray, Utah, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.

B. Water will be hauled by a licensed trucking company.

C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIALS:

A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.

B. No mineral materials will be required.

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7. METHODS OF HANDLING WASTE DISPOSAL:

A. METHODS AND LOCATION

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

2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.

3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.

4. Produced wastewater will be confined to a storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD CWU 2-29 SWD, Red Wash Evaporation Ponds 1, 2, 3, 4, 5, 6, or 7, or Coyote Evaporation Ponds 1, 2, 3, or 4, or White River Evaporation Ponds 1, or 2, or Hoss SWD Facility: right-of-way UTU 86010, and UTU 897093, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).

5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.

B. Water from drilling fluids and recovered during testing operations will be disposed of by either natural or artificial evaporation methods, or removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the closed loop system will be avoided by flaring them off in the flare pit at the time of recovery.

The referenced well will be drilled utilizing a closed loop system. The closed loop system will be installed in a manner that prevents leaks, breaks, or discharge. Drill cutting will be contained in an area approximately 50’ x 100’. The surface drill cuttings pile will be bermed and lined with bentonite. Drill cuttings will be dried and spread on 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

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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 proposed location will be drilled utilizing a closed loop system.

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 seeded with the approved seed mixture from this.

Access to the well pad will be from the east.

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

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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 closed loop area (See Figure #4) and broadcast seeded with the prescribed seed mixture for this location as authorized within EOG's reclamation plan filed September 29, 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 surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP:

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

Bureau of Land Management

12. OTHER INFORMATION:

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

- Whether the materials appear eligible for the National Register of Historic Places;
- The mitigation measures the operator will likely have to undertake before the site can be used.

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- 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 Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.

C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

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

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

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

A block cultural resources survey was conducted and submitted by Montgomery Archaeological Consultants, State of Utah Antiquities Permit Number U-07-MQ-0201b, on June 2, 2007. Paleontological survey was conducted and submitted by Intermountain Paleo,

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IPC Report # 11-121, on August 25, 2011. A Uintah Basin Hookless Cactus (Sclearochactus Wetlandicus) survey was conducted and will be submitted by Graslands.

Additional Surface Stipulations:

None

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LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

PERMITTING AGENT
Nanette Lupcho
EOG Resources, Inc.
1060 East Highway 40
Vernal, UT 84078
(435) 781-9157

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.

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CERTIFICATION:

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

Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 1586-26D, 1587-26D, 1588-26D, 1589-26D, 1590-26D, and 1591-26D Wells, located in the SE/NE, of Section 26, 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.

November 8, 2011 _____
Date

Nanette Lupcho, Regulatory Assistant

Onsite Date: November 3, 2011

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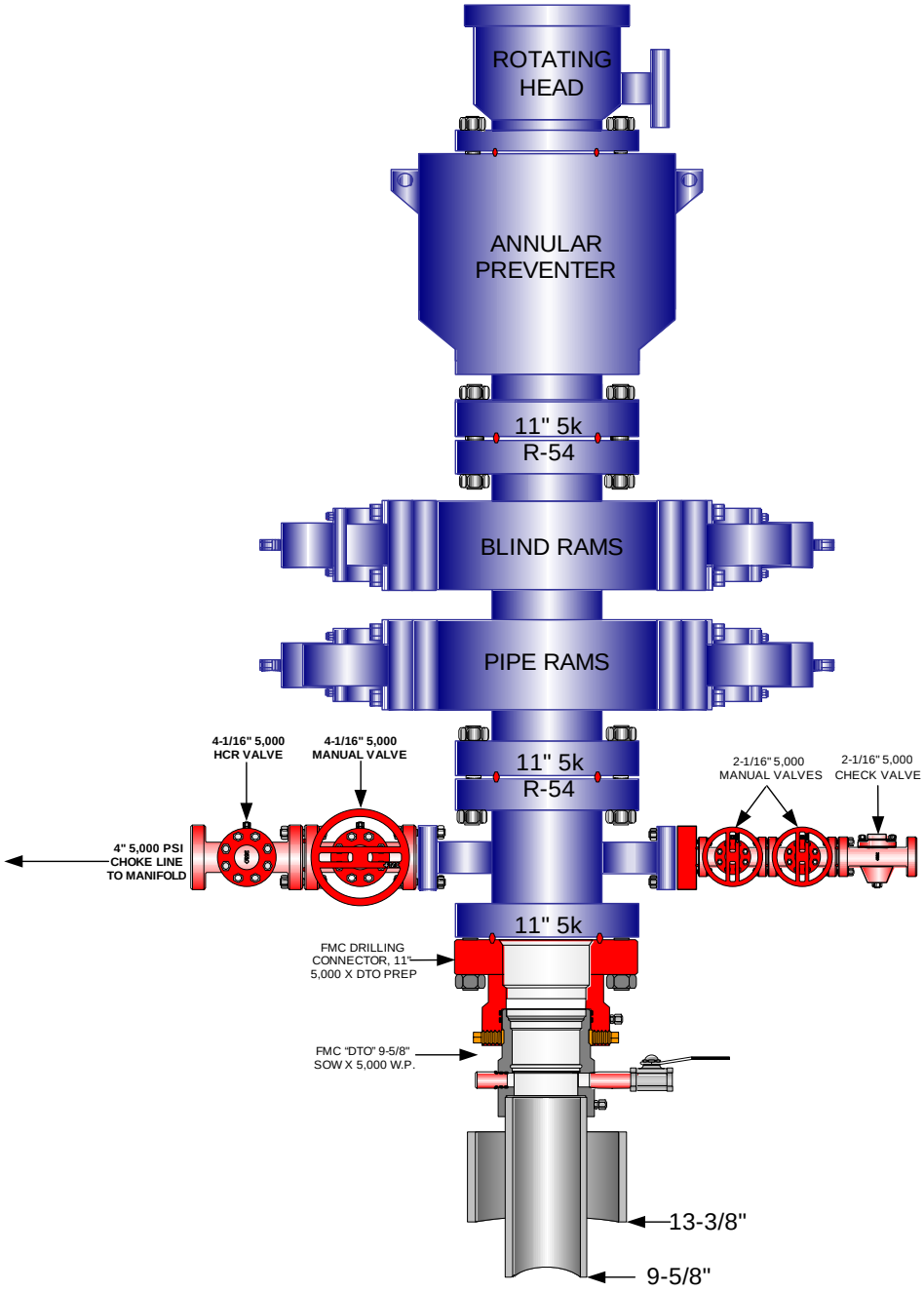
EOG RESOURCES 11" 5,000 PSI W.P. BOP CONFIGURATION



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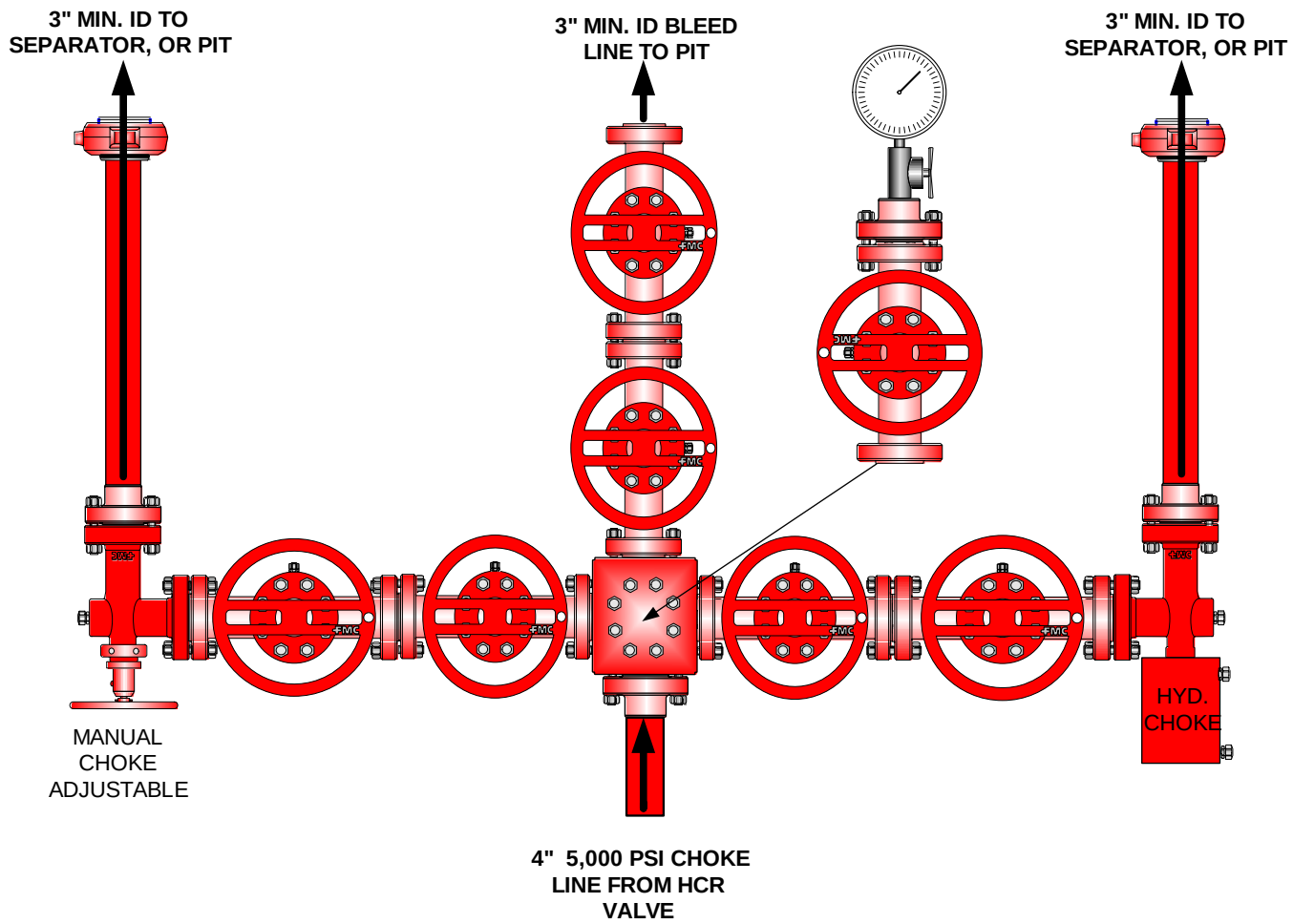
EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES



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.

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EOG RESOURCES, INC.

CWU #1586-26D, #1587-26D, #1588-26D, #1589-26D, #1590-26D & #1591-26D

LOCATED IN UINTAH COUNTY, UTAH
SECTION 26, T9S, R22E, S.L.B.&M.

PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES — CAMERA ANGLE: SOUTHERLY

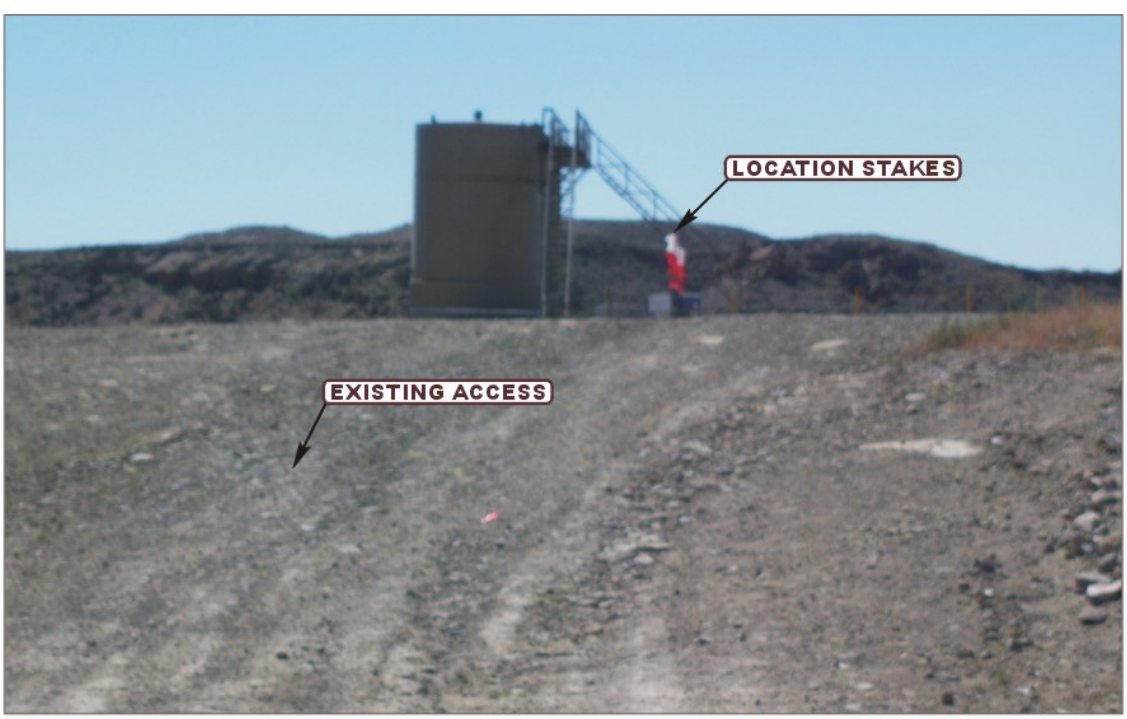


PHOTO: VIEW OF EXISTING ACCESS — CAMERA ANGLE: WESTERLY

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

LOCATION PHOTOS	09 MONTH	28 DAY	10 YEAR	PHOTO
TAKEN BY: A.F.	DRAWN BY: Z.L.	REVISED: 00-00-00		

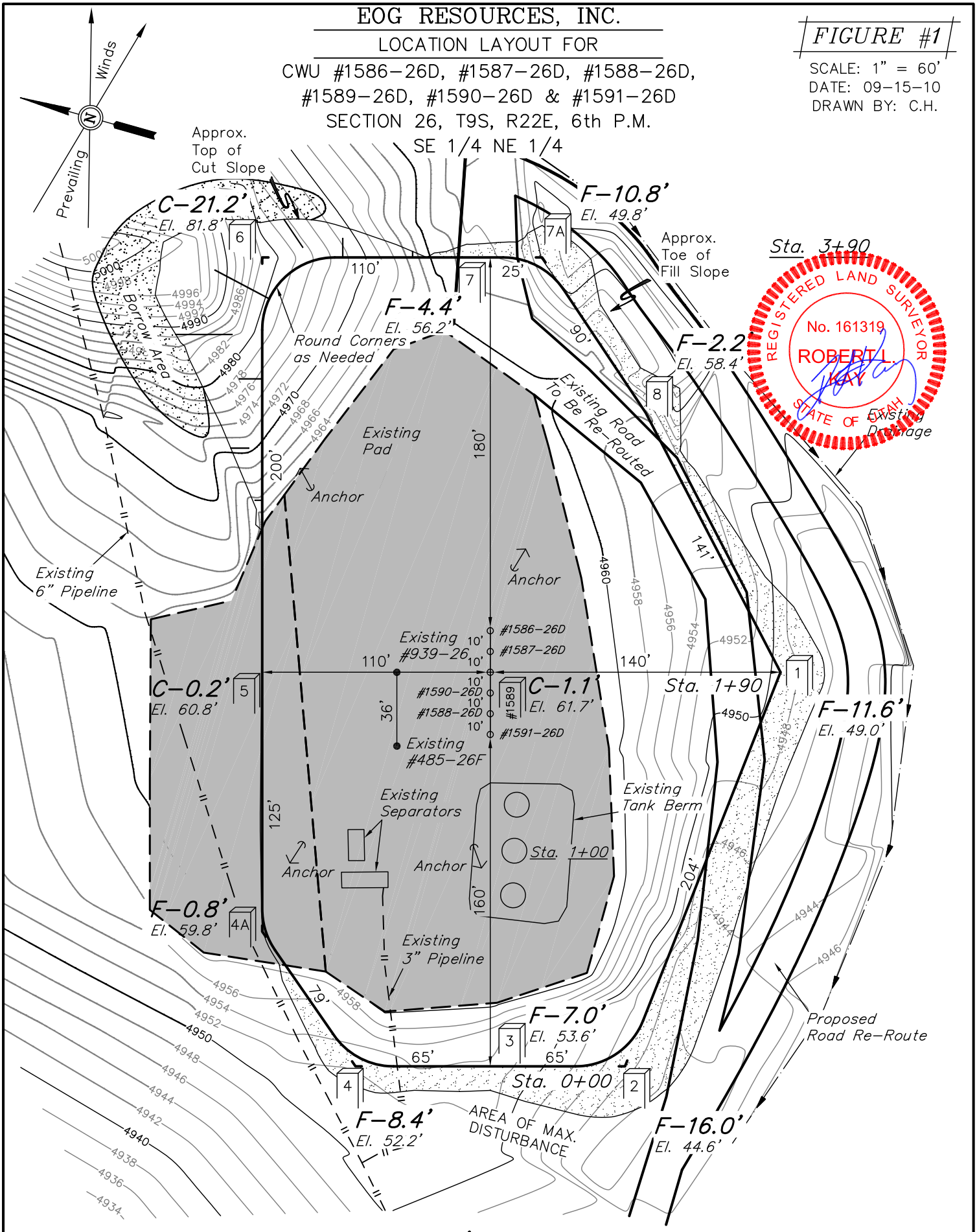
EOG RESOURCES, INC.

LOCATION LAYOUT FOR

CWU #1586-26D, #1587-26D, #1588-26D,
#1589-26D, #1590-26D & #1591-26D
SECTION 26, T9S, R22E, 6th P.M.
SE 1/4 NE 1/4

FIGURE #1

SCALE: 1" = 60'
DATE: 09-15-10
DRAWN BY: C.H.



Elev. Ungraded Ground At #1589 Loc. Stake = 4961.7'
FINISHED GRADE ELEV. AT #1589 LOC. STAKE = 4960.6'

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

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

EOG RESOURCES, INC.

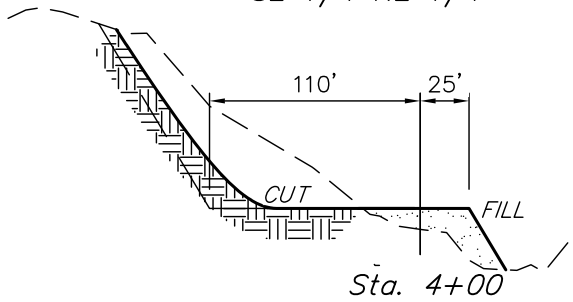
TYPICAL CROSS SECTION FOR

CWU #1586-26D, #1587-26D, #1588-26D,
#1589-26D, #1590-26D & #1591-26D
SECTION 26, T9S, R22E, 6th P.M.
SE 1/4 NE 1/4

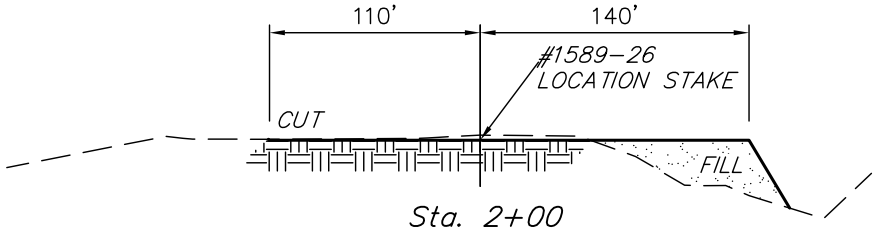
FIGURE #2

SCALE: 1" = 60'
DATE: 09-15-10
DRAWN BY: C.H.

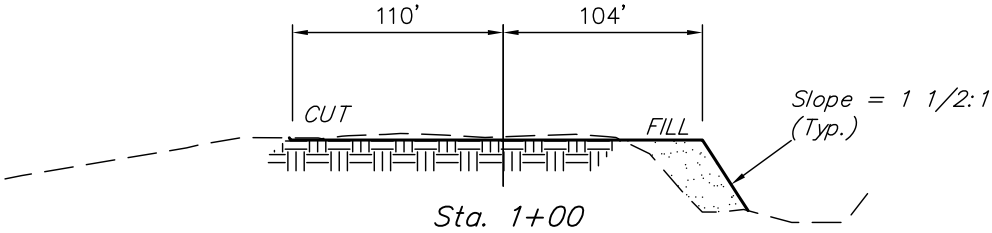
REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. DAY
STATE OF UTAH



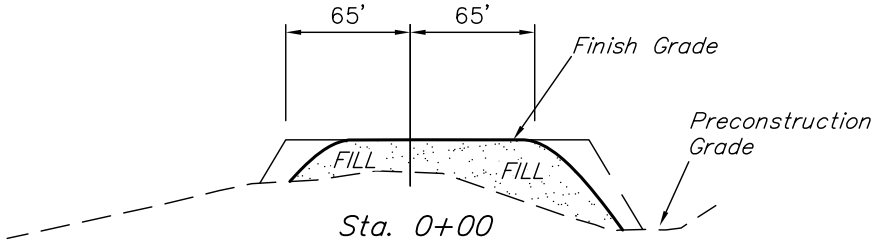
Sta. 4+00



Sta. 2+00



Sta. 1+00



Sta. 0+00

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

APPROXIMATE ACREAGES

EXISTING DISTURBANCE
WITHIN PROPOSED WELL SITE = ± 0.932 ACRES
REMAINING PROPOSED
WELL SITE DISTURBANCE = ± 1.743 ACRES
ROAD RE-ROUTE DISTURBANCE = ± 0.357 ACRES
TOTAL = ± 3.032 ACRES

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

TOTAL CUT = 4,640 CU.YDS.
FILL = 7,480 CU.YDS.

DEFICIT MATERIAL = <2,840> Cu. Yds.
DEFICIT UNBALANCE = <2,840> Cu. Yds.
(After Interim Rehabilitation)

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

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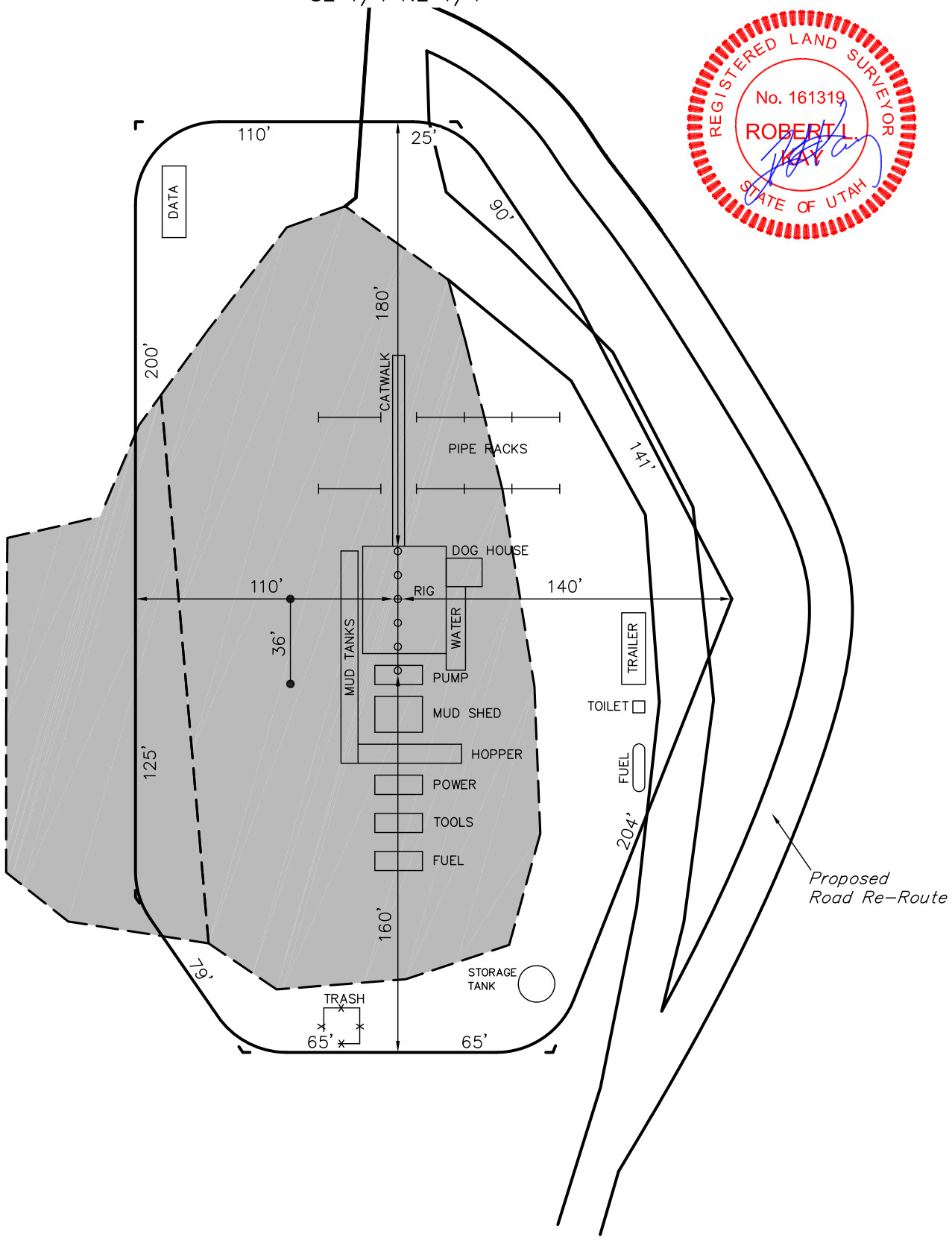
EOG RESOURCES, INC.

TYPICAL RIG LAYOUT FOR
CWU #1586–26D, #1587–26D, #1588–26D,
#1589–26D, #1590–26D & #1591–26D
SECTION 26, T9S, R22E, 6th P.M.
SE 1/4 NE 1/4

FIGURE #3
SCALE: 1" = 60'
DATE: 09–15–10
DRAWN BY: C.H.



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85 So. 200 East * Vernal, Utah 84078 * (435) 789–1017

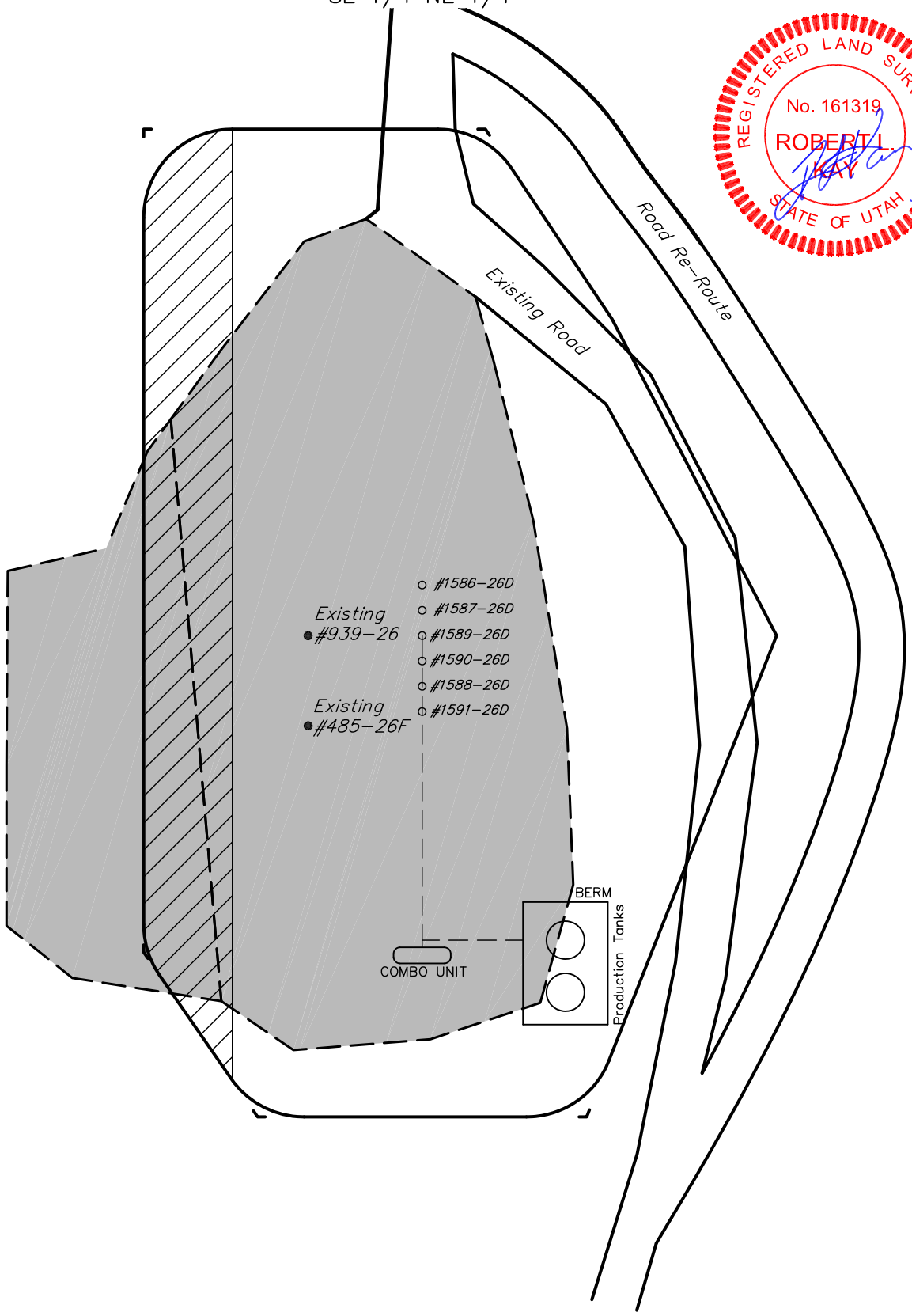
RECEIVED: November 10, 2011

EOG RESOURCES, INC.

PRODUCTION FACILITY LAYOUT FOR
CWU #1586–26D, #1587–26D, #1588–26D,
#1589–26D, #1590–26D & #1591–26D
SECTION 26, T9S, R22E, 6th P.M.
SE 1/4 NE 1/4

FIGURE #4

SCALE: 1" = 60'
DATE: 09–15–10
DRAWN BY: C.H.



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

RECLAIMED AREA

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

RECEIVED: November 10, 2011

EOG RESOURCES, INC.
CWU #1586-26D, #1587-26D, #1588-26D, #1589-26D, #1590-26D & #1591-26D
SECTION 26, 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 12.6 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 0.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A 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 APPROXIMATLEY 0.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATLEY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXSITING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 51.2 MILES.

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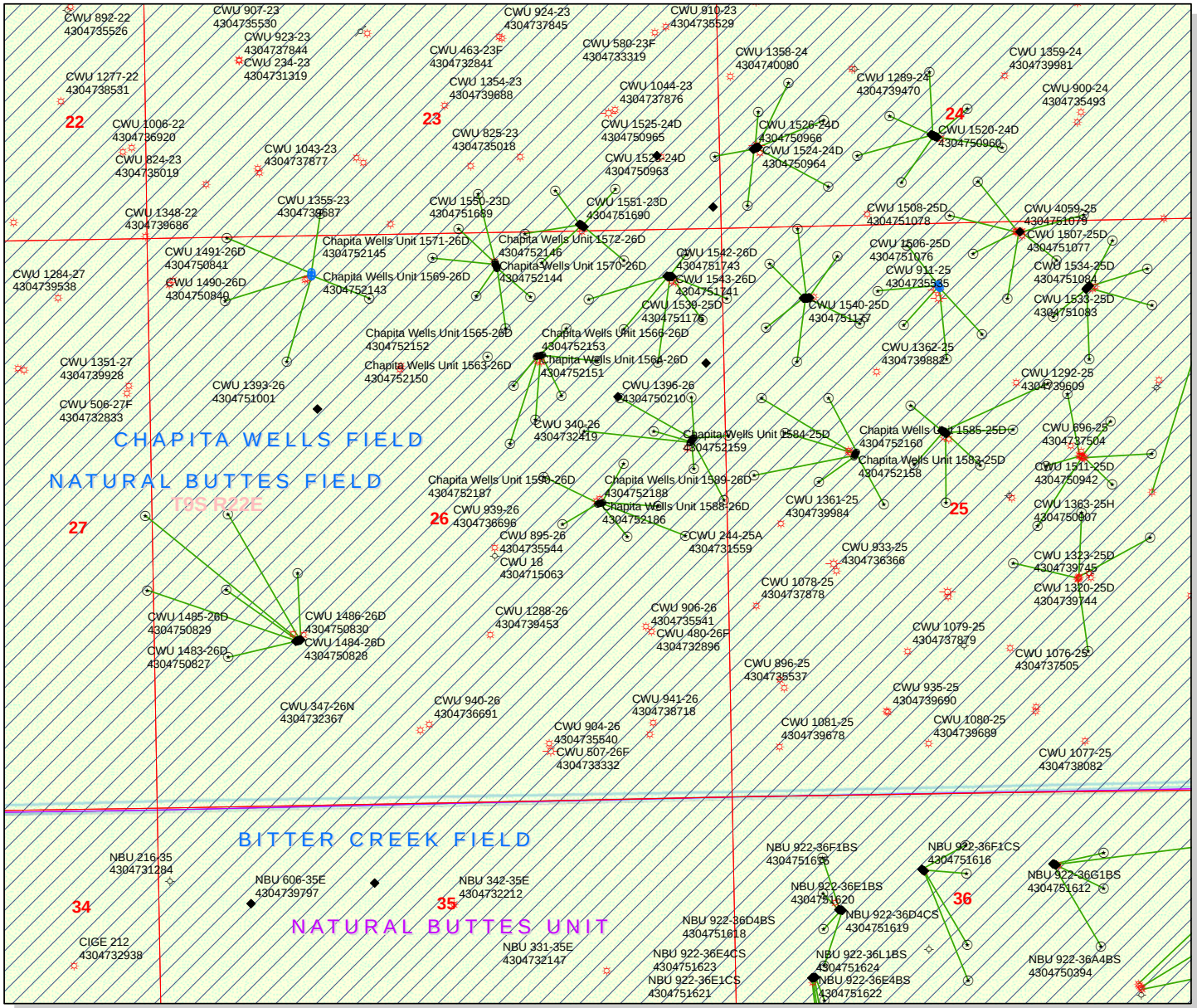
API Well Number: 43047521850000



API Number: 4304752185

Well Name: Chapita Wells Unit 1591-26D

Township T0.9 . Range R2.2 . Section 26

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
STATUS
- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED

Wells Query
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

1,200 600 0 1,200 Feet

1:11,438

RECEIVED: November 15, 2011

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)

November 18, 2011

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2011 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 2011 within the Chapita Wells Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION

(Proposed PZ MESA VERDE)

PAD NWNE(2)26

43-047-52151 CWU 1564-26D Sec 26 T09S R22E 1158 FNL 1741 FEL
BHL Sec 26 T09S R22E 1428 FNL 1966 FEL

43-047-52153 CWU 1566-26D Sec 26 T09S R22E 1157 FNL 1731 FEL
BHL Sec 26 T09S R22E 1962 FNL 2004 FEL

Vertical Wells

43-047-52162 CWU 1026-09 Sec 09 T09S R22E 1541 FSL 1558 FEL

43-047-52165 CWU 1025-09 Sec 09 T09S R22E 0863 FSL 0648 FEL

PAD SENE 26

43-047-52183 CWU 1586-26D Sec 26 T09S R22E 2524 FNL 1153 FEL
BHL Sec 26 T09S R22E 2574 FNL 0650 FEL

43-047-52184 CWU 1587-26D Sec 26 T09S R22E 2527 FNL 1162 FEL
BHL Sec 26 T09S R22E 2171 FNL 0958 FEL

43-047-52185 CWU 1591-26D Sec 26 T09S R22E 2538 FNL 1201 FEL
BHL Sec 26 T09S R22E 2557 FSL 1529 FEL

43-047-52186 CWU 1588-26D Sec 26 T09S R22E 2535 FNL 1191 FEL
BHL Sec 26 T09S R22E 2279 FNL 1696 FEL

43-047-52187 CWU 1590-26D Sec 26 T09S R22E 2532 FNL 1182 FEL
BHL Sec 26 T09S R22E 2436 FSL 0933 FEL

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API #	WELL NAME	LOCATION

(Proposed PZ MESA VERDE)

43-047-52188 CWU 1589-26D Sec 26 T09S R22E 2530 FNL 1172 FEL
BHL Sec 26 T09S R22E 2431 FSL 0398 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: 2011.11.18 13:23:32 -07'00'

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

MCoulthard:mc:11-18-11

RECEIVED: November 18, 2011

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/10/2011
API NO. ASSIGNED: 43047521850000
WELL NAME: Chapita Wells Unit 1591-26D
OPERATOR: EOG Resources, Inc. (N9550)
PHONE NUMBER: 435 781-9157
CONTACT: Nanette Lupcho

PROPOSED LOCATION: SENE 26 090S 220E
Permit Tech Review: ✔

SURFACE: 2538 FNL 1201 FEL
Engineering Review: ☐

BOTTOM: 2557 FSL 1529 FEL
Geology Review: ✔

COUNTY: UINTAH
LATITUDE: 40.00730
LONGITUDE: -109.40200
UTM SURF EASTINGS: 636393.00
NORTHINGS: 4429790.00
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 179-08
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

RECEIVED: November 22, 2011

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

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

Permit To Drill

****

Well Name: Chapita Wells Unit 1591-26D
API Well Number: 43047521850000
Lease Number: UTU0285A
Surface Owner: FEDERAL
Approval Date: 11/22/2011

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 179-08. The expected producing formation or pool is the MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

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

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

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

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

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

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

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

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

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

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

Approved By:

For John Rogers
Associate Director, Oil & Gas

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 1591-26D

2. NAME OF OPERATOR: EOG Resources, Inc.

9. API NUMBER: 43047521850000

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: 2538 FNL 1201 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 26 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: 11/20/2012
- ☐ 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: November 21, 2012

By:

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

SIGNATURE	DATE
N/A	11/20/2012

RECEIVED: Nov. 20, 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 43047521850000

API: 43047521850000
Well Name: CWU 1591-26D
Location: 2538 FNL 1201 FEL QTR SENE SEC 26 TWNP 090S RNG 220E MER S
Company Permit Issued to: EOG RESOURCES, INC.
Date Original Permit Issued: 11/22/2011

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:** 11/20/2012
Title: Regulatory Administrator **Representing:** EOG RESOURCES, INC.

RECEIVED: Nov. 20, 2012

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 1591-26D

2. NAME OF OPERATOR: EOG RESOURCES, INC.

9. API NUMBER: 43047521850000

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: 2538 FNL 1201 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 26 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: 11/14/2013
- ☐ 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: November 18, 2013

By:

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

SIGNATURE	DATE
N/A	11/14/2013

RECEIVED: Nov. 14, 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 43047521850000

API: 43047521850000
Well Name: CWU 1591-26D
Location: 2538 FNL 1201 FEL QTR SENE SEC 26 TWNP 090S RNG 220E MER S
Company Permit Issued to: EOG RESOURCES, INC.
Date Original Permit Issued: 11/22/2011

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:** 11/14/2013
Title: Regulatory Administrator **Representing:** EOG RESOURCES, INC.

RECEIVED: Nov. 14, 2013

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 1591-26D

2. NAME OF OPERATOR: EOG RESOURCES, INC.

9. API NUMBER: 43047521850000

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: 2538 FNL 1201 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 26 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: 11/20/2014
- ☐ 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
November 25, 2014
Utah Division of
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	11/20/2014

RECEIVED: Nov. 20, 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 43047521850000

API: 43047521850000
Well Name: CWU 1591-26D
Location: 2538 FNL 1201 FEL QTR SENE SEC 26 TWNP 090S RNG 220E MER S
Company Permit Issued to: EOG RESOURCES, INC.
Date Original Permit Issued: 11/22/2011

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:** 11/20/2014
Title: Sr. Regulatory Assistant **Representing:** EOG RESOURCES, INC.

RECEIVED: Nov. 20, 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

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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 1591-26D

2. NAME OF OPERATOR: EOG RESOURCES, INC.

9. API NUMBER: 43047521850000

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: 2538 FNL 1201 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 26 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: 10/5/2015
- ☐ 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 08, 2015
Oil, Gas and Mining

Date:

By:

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

SIGNATURE	DATE
N/A	10/5/2015

RECEIVED: Oct. 05, 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 43047521850000

API: 43047521850000
Well Name: CWU 1591-26D
Location: 2538 FNL 1201 FEL QTR SENE SEC 26 TWNP 090S RNG 220E MER S
Company Permit Issued to: EOG RESOURCES, INC.
Date Original Permit Issued: 11/22/2011

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.

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- **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:** 10/5/2015
Title: Regulatory Administrator **Representing:** EOG RESOURCES, INC.

RECEIVED: Oct. 05, 2015

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A

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 1591-26D

2. NAME OF OPERATOR: EOG RESOURCES, INC.

9. API NUMBER: 43047521850000

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: 2538 FNL 1201 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 26 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: 10/3/2016
- ☐ 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
October 11, 2016
Date:
By:

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

SIGNATURE	DATE
N/A	10/3/2016

RECEIVED: Oct. 03, 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 43047521850000

API: 43047521850000
Well Name: CWU 1591-26D
Location: 2538 FNL 1201 FEL QTR SENE SEC 26 TWNP 090S RNG 220E MER S
Company Permit Issued to: EOG RESOURCES, INC.
Date Original Permit Issued: 11/22/2011

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:** 10/3/2016
Title: Regulatory Administrator **Representing:** EOG RESOURCES, INC.

RECEIVED: Oct. 03, 2016