

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

2013 APR 15 A 10:37

**IN THE MATTER OF THE HEARINGS CALLED
BY THE OIL CONSERVATION DIVISION FOR
THE PURPOSE OF CONSIDERING:**

**APPLICATIONS OF DEVON ENERGY PRODUCTION
COMPANY, L.P. FOR A NON-STANDARD OIL SPACING
AND PRORATION UNIT AND COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO.**

Case Nos. 14951-14954

**APPLICATION OF COG OPERATING LLC FOR
A NON-STANDARD SPACING AND PRORATION
UNIT AND COMPULSORY POOLING, LEA
COUNTY, NEW MEXICO.**

Case No. 14975

**DEVON ENERGY PRODUCTION COMPANY, L.P.'S
REPLY IN SUPPORT OF MOTION FOR A CONTINUANCE**

Devon Energy Production Company, L.P. ("Devon") submits this reply in support of its motion for a continuance.

1. In its response, COG Operating LLC ("COG") states that it must commence its Pan Head Fee Well No. 4H by mid-May, and drill a 240 acre lateral, in order to save its term assignment acreage. That is not true, for the following reasons:

- (a) There is no need to drill a 240 acre lateral; COG is free to drill a 160 acre lateral (the E/2W/2 of Section 11), and that would extend the term assignment.¹

Attached as Exhibit 1 are the first two pages of the term assignment, which includes the 180 day continuous drilling provision. As you can see, the assignment encompasses the drilling of vertical and horizontal wells.

¹ Allowing COG to commence its well and drill a 240 acre lateral would eliminate Devon's right to appeal any decision by the Division.

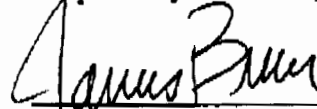
(b) Please refer to Exhibit B attached to Devon's original motion. You can see that COG has extended the term assignment to date *solely* by drilling vertical wells in Sections 9 and 10. It is free to do so again.

Attached hereto as Exhibit 2 is a well proposal from COG to Devon, regarding the Taylor D Well No. 27, a vertical well in the NW/4SW/4 of Section 10 (on term assignment acreage). That acreage, as noted in the proposal letter, is subject to a JOA, and Devon has 30 days to elect. After that date (May 4th), COG may commence the well. And, COG has an approved APD for that well. **Exhibit 3.**

3. COG can commence its Taylor D Well No. 27 before mid-June,² which will extend the term assignment to about the end of December 2013, which will leave sufficient time for the Division (and the Commission, if necessary) to consider and decide these cases. COG's Section 14 acreage is not at risk.

WHEREFORE, Devon requests that Case Nos. 14951-14954 and 14975 be continued to the May 2nd Examiner hearing.

Respectfully submitted,



James Bruce
Post Office Box 1056
Santa Fe, New Mexico 87504
(505) 982-2043

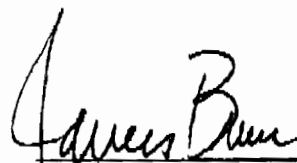
Attorney for Devon Energy Production
Company, L.P.

² Under a JOA COG would have 90 days to commence the Taylor D Well No. 27.

CERTIFICATE OF SERVICE

I hereby certify that a copy of the foregoing pleading was served upon the following counsel of record this 15th day of April, 2013 by facsimile transmission and U.S. Mail:

J. Scott Hall
Montgomery & Andrews, P.A.
P.O. Box 2307
Santa Fe, New Mexico 87504
(505) 982-4289


James Bruce

JHK mark 2013

TERM ASSIGNMENT OF OIL AND GAS LEASE

This Assignment, made and entered into this 6th day of October, 2008, which shall also be the effective date of this agreement for all purposes, by and between MARATHON OIL COMPANY, hereinafter called "Assignor", whose mailing address is P. O. Box 3487, Houston, Texas 77253-3487, and HAWKINS EXPLORATION, INC., hereinafter called "Assignee", whose mailing address is P. O. Box 3192, Midland, Texas 79702.

WITNESSETH:

Assignor, in consideration of the sum of One Hundred and NO/100 Dollars (\$100.00) in hand paid, and other good and valuable considerations, and of the other agreements of Assignee herein contained, the receipt and sufficiency of which are hereby acknowledged, does hereby TRANSFER, ASSIGN and CONVEY, subject to the exceptions, reservations, conditions and other provisions hereinafter set out, exclusively unto Assignee and Assignee's successors and assigns, all of Assignor's right, title and interest in and to that certain Oil and Gas Lease(s) which is described in Exhibit "A" attached hereto and hereby made a part hereof, such lease(s) being hereinafter sometimes called the "said Lease(s)", INsofar AND ONLY INsofar as said Lease(s) covers the lands and depths described on Exhibit "A". Such lands as to said depths only, being hereinafter called the "Assigned Premises".

Reference is hereby made to said Lease(s) and to the record thereof for this and all other purposes.

II.

There is hereby excepted from this Assignment and reserved unto Assignor, its successors and assigns, and Assignor, its successors and assigns, shall have the following:

- A. Any and all minerals, mineral rights and mineral leasehold estates in, to and under the Assigned Premises other than the oil and gas leasehold estate therein and rights appurtenant thereto;
- B. All the right, title and interest of Assignor in and to said Lease(s) insofar as it covers areas and/or depths other than the Assigned Premises; and
- C. The overriding royalty described in Article V.

All of the rights retained by Assignor and the rights granted to Assignee herein shall be exercised in such manner that neither shall unduly interfere with the operations of the other upon the land covered by the Assigned Premises.

III.

2nd PT
Subject to the other provisions hereof and to the terms and conditions of said Lease(s), this Assignment shall be for a term of five (5) years commencing upon the effective date hereof, (hereinafter called "primary term"), and as long thereafter as oil, gas or associated liquid or gaseous hydrocarbons is produced hereunder in paying quantities or any operation is conducted, payment is made, or condition exists which continues this Assignment in force, as herein provided. Should this Assignment apply to more than one Lease, then the expiration or termination of one Lease shall not affect the Assignment's applicability to the remaining Lease(s) covering the Assigned Premises.

IV.

60 day rework
A. If, at the expiration of the primary term, a Production Unit, as defined in Article IV.B., on the Assigned Premises or lands pooled therewith which produced oil, gas or associated liquid or gaseous hydrocarbons in paying quantities during the primary term, is no longer producing in paying quantities, but on or before that date (or on or before the end of sixty (60) days following cessation of production or abandonment of a well, if a well be abandoned or production should cease within sixty (60) days prior to the expiration of the primary term) Assignee commences actual drilling or reworking operations on the Production Unit in an effort to restore production on the Production Unit, or production is commenced or resumed during such sixty (60) day period, then this Assignment shall continue in force as to such Production Unit so long as such operations are being conducted in good faith without lapse of more than sixty (60) consecutive days between cessation of operations and their recommencement whether on the same well or on different wells on the Production Unit successively or so long as the production so commenced or resumed is obtained in paying quantities from the Production Unit. If, at any time or times after the expiration of the primary term, production in paying quantities from a Production Unit should for any reason cease or terminate, Assignee shall have the right at any time within sixty (60) days from the date of such cessation to resume production or commence actual drilling or reworking operations in an effort to make the Production Unit again produce in paying quantities, in which event this Assignment shall continue in force as to the Production Unit so long as such operations are continued as above provided. If as a result of any such operations, the production of oil, gas or associated liquid or gaseous hydrocarbons is restored from the Production Unit, this Assignment shall continue in force as to the Production Unit so long as any of them is produced hereunder in paying quantities or this Assignment is otherwise being maintained as herein provided.

60 day rework
B. Assignee shall have the continuing option, but not the obligation, to further develop the Assigned Premises, or acreage pooled therewith, beyond the primary term only if (i) Assignee completed or abandoned a well within the Assigned Premises, during the primary term or (ii) at the expiration of the primary term Assignee is diligently

Term Assignment From Marathon Oil Company
to Hawkins Exploration, Inc.

engaged in actual drilling operations in a bona fide effort to discover oil and/or gas in paying quantities on the Assigned Premises or lands pooled therewith. Assignee agrees to continue in like manner to drill other additional wells on the Assigned Premises, or acreage pooled therewith, at one hundred eighty (180) day intervals between the completion or abandonment of one well and the commencement of actual drilling of the next succeeding well until the Assigned Premises have been fully developed or the undeveloped portion thereof has been reassigned as hereinafter provided. Assignee, in discharging the above obligations, shall develop the Assigned Premises in accordance with spacing established by the appropriate governmental authority having jurisdiction, or in the absence thereof, on the basis of forty (40) acres for each producing oil well and one hundred sixty (160) acres for each producing gas or gas condensate well, herein referred to as "Production Unit". It is understood and agreed that the only penalty for not drilling an additional well or wells within the time required shall be the execution of a reassignment of the interest herein assigned as provided for in Article XVI below. Provided however, that from and after the expiration of the primary term, production in paying quantities from each well drilled on Assigned Premises, once established, shall be continuous and upon cessation thereof Assignee shall offer a reassignment - in accordance with the terms of Article XVI - to Assignor covering those portions of the Assigned Premises within the particular Production Unit from which production ceased unless within sixty (60) days after cessation of said production, Assignee is then engaged in actual drilling or reworking operations on that Production Unit and such operations are prosecuted diligently to completion and result in production of oil or gas in paying quantities being obtained or restored.

Definitions: completion, reworking, completion

C. Whenever in this Assignment it is provided that Assignee shall begin the actual drilling of a well, it is the intent of the parties that a derrick and the necessary operating machinery, capable of drilling such a well to the applicable depths, be fully set up and equipped and actual spudding in of the well be commenced within the time specified. As used herein "reworking" or "reworked" shall mean perforating, cleaning out, acidizing, reconditioning, repairing, fracturing, attempted recompletion in or plugging back to a separate interval of an existing well, or any other good faith operations for the purpose of restoring or increasing production which does not involve the drilling of additional holes. Actual drilling operations shall be deemed to terminate on the last day actual operations are conducted in a diligent and good faith manner for the purpose of attempting to discover oil, gas or associated liquid hydrocarbons or to complete a well as a producer, including the installation of equipment, to and including, but not beyond, the wellhead connections, in such a well being drilled or deepened. Reworking operations shall be deemed to terminate on the last day such operations are conducted in a diligent and good faith manner for the purpose of establishing, increasing or restoring production.

V. Reservation and Payment of ORR

Assignor hereby reserves unto Assignor its successors and assigns and excepts from this Assignment an overriding royalty in an amount as set out hereinafter of all of the oil, gas or associated liquid or gaseous hydrocarbons produced and saved from or attributable to each of the tracts comprising the land included in the Assigned Premises. The overriding royalty herein reserved shall be an amount equal to the difference between existing lease burdens and 22.5% of the gross production. Unless Assignor elects to take in kind all or any part of the portion due Assignor as an overriding royalty on substances produced and saved hereunder, which option is expressly reserved by Assignor and which option is exercisable by written notice to Assignee at any time and from time to time while this Assignment is in effect and either prior to or after acceptance by Assignor of overriding royalties on prior production, it being understood that nothing contained herein shall be interpreted as limiting or waiving said option, Assignee shall pay or deliver to Assignor the following:

- a) As an overriding royalty on oil and all hydrocarbons produced and saved in a liquid form at the wellhead, including, without limitation, condensate, distillate and other liquid hydrocarbons removed from oil or gas run through a separator or other equipment as hereinafter provided, an amount equal to the difference between existing lease burdens and 22.5% of the gross production or, at the option of Assignor, the market value thereof on the Assigned Premises. The market value of such production (or Assignor's share thereof) shall be the price or prices received by Assignee if sold under a contract or contracts prudently negotiated under the facts and circumstances existing at the time of execution with an independent party or parties. As used in this Assignment, the term "independent party" shall mean any person, firm, corporation, or other business entity which is not owned or controlled by Assignee, in whole or in part, nor by a subsidiary or affiliate of Assignee, and of which Assignee is not a subsidiary or affiliate. If such production is sold other than to an independent party under a prudently negotiated contract, the value of the production shall be based on the highest market price paid or offered for liquid hydrocarbons of like kind and quality and quantity in the general area where and when produced, or the gross price paid or offered to the producer, whichever is the greater. Assignee agrees that before any gas produced from the Assigned Premises is sold, used or processed in a plant, it will be run free of cost to Assignor through an adequate oil and gas separator of conventional type or other equipment at least as efficient to the end that all liquid hydrocarbons recoverable from the gas by such means will be recovered. Upon written consent of Assignor, the requirement that such gas be run through such a separator or other equipment may be waived upon such terms and conditions as prescribed by Assignor.
- b) As an overriding royalty on any gas and all hydrocarbons and gaseous substances not included in subparagraph (a) above produced and saved from the Assigned Premises (except as provided herein with respect to gas processed in a plant for the extraction of gasoline, liquid hydrocarbons or other products), an amount equal to the difference between existing lease burdens and 22.5% of the gross production or, at the option of Assignor, the market value thereof on the Assigned Premises. The market value of such production (or Assignor's share thereof) shall be the price or prices received by Assignee if sold under a contract or contracts prudently negotiated under the facts and circumstances

Term Assignment From Marathon Oil Company
to Hawkins Exploration, Inc.



Sent Via Certified Mail
Receipt#: 91-7199-9991-7030-0518-7928

April 1, 2013

Devon Energy Corporation
333 W. Sheridan Avenue
Oklahoma City, OK 73102
Attn: Cari Allen

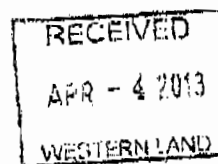
RE: New Well Proposal

Taylor D #27

SHL: 2310' FSL & 990' FWL of Section 10, T17S, R32E

BHL: 2310' FSL & 990' FWL of Section 10, T17S, R32E

Lea County, New Mexico



Dear Sirs:

COG Operating LLC ("COG") proposes to drill the Taylor D #27 as a Vertical well at the captioned location, or at an approved surface location, to depths of approximately 7100' for a Glorieta-Yeso test. The total cost of the Operation is estimated to be \$1,687,000.00 and a detailed description of such cost is set out in the enclosed Authority for Expenditure ("AFE").

Pursuant to JOA dated December 1, 2011, please make your election within 30 days of receipt, please sign and return a copy of the AFE in the letterhead address below.

If you desire to receive well information regarding the subject operations please return a Well Information Requirements list to COG. Technical questions should be directed to Carl Bird at 432-686-3057 and land questions to the undersigned at 432-818-2230.

Yours truly,

COG Operating LLC

Sean Johnson
Landman

Enclosure (s)
cp

EXHIBIT 2

4-8-13
Cost Center Request 1000005210

JOA: NWSW; SWNW
dated 12/1/11

Neuron 7.696718% WI
5.868740% NRI

**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

WELL NAME: TAYLOR D #27	PROSPECT NAME: MALJAMAR 713083
SHL: 2310' FSL & 880' FWL ULL	STATE & COUNTY: New Mexico, Lea
BHL: 2310' FSL & 880' FWL ULL	OBJECTIVE: Blinberry Peddock (4 Fracs) 7000'
FORMATION: Glorieta Yaso	DEPTH: 7,100
LEGAL: SEC10 T17S-R32E AP# 30-028-40819	TVD: 7,100

INTANGIBLE COSTS		BCE	ACP	TOTAL
Title/Curtail/Permit	201	22,000		22,000
Insurance	202	3,800	303	3,800
Damages/Right of Way	203		0	0
Survey/State Location	204	3,000	304	3,000
Location/Pile/Road Expense	205	45,000	305	50,000
Drilling / Completion Overhead	206	2,500	306	4,500
Turnkey Contract	207		307	0
Postage Contract	208		308	0
Daywork Contract (0 days @apud-rs @ 50)	209	138,000	309	138,000
Directional Drilling Services (0 dr days @ 30)	210	0	310	0
Fuel & Power	211	20,000	311	20,000
Water	212	18,000	312	54,000
Bits	213	27,000	313	27,000
Mud & Chemicals	214	18,000	314	18,000
Well Stem Test	215		315	0
Coring & Analysis	216			0
Cement Surface	217	22,000		22,000
Cement Intermediate	218	18,000		18,000
Cement 2nd Intermediate/Production	219	0	319	38,000
Cement Squeeze & Other (Pickoff Plug)	220	0	320	0
Fleet Equipment & Contractors	221	8,800	321	4,900
Casing Crews & Equipment	222	7,000	322	15,000
Fishing Tools & Service	223		323	0
Geologic/Logging	224	1,000	324	1,000
Contract Labor	225	10,500	325	25,500
Company Supervision	226	0	326	0
Contract Supervision	227	14,000	327	18,000
Testing Casing/Tubing	228	3,000	328	8,000
Mud Logging Unit	229	3,000	329	3,000
Logging	230	15,000	330	18,000
Perforating/Wireline Services	231	3,800	331	32,000
Stimulation/Treating			332	370,000
Completion Unit			333	22,000
Swabbing Unit			334	0
Rentals-Surface	235	13,000	335	48,000
Rentals-Subsurface	236	23,000	336	35,000
Trucking/Perforating Mobilization	237	42,000	337	85,000
Welding Services	238	3,000	338	4,000
Water Disposal	239	0	339	12,000
Plug to Abandon	240	0	340	0
Seismic Analysis	241	0	341	0
Close Loop & Environmental	244	82,000	344	82,000
Miscellaneous	242	0	342	0
Contingency 3%	243	25,200	343	31,000
TOTAL INTANGIBLES		590,000	634,500	1,214,000

TANGIBLE COSTS		BCE	ACP	TOTAL
Surface Casing (12 3/8" 488' H40 6TC)	401	29,000		29,000
Intermediate Casing (8 1/2" 8 5/8" 824' J55 LTC)	402	48,000	503	48,000
Production Casing (5 1/2" 17# L50)			504	103,800
Tubing			505	35,000
Wellhead Equipment	405	8,000	506	8,000
Pumping Unit			507	87,000
Prime Mover			508	0
Nodes			509	41,000
Pumps			510	6,500
Tanks			511	8,000
Flowlines			512	18,000
Heater Treater/separator			513	12,000
Electrical System			514	20,000
Packers/Anchors/Hangers	414	0	514	800
Couplings/Fittings/Valves	415	800	515	17,000
Gas Compressors/Motors			516	5,800
Dehydrator			517	0
Injection Plant/CO2 Equipment			518	0
Miscellaneous	419	800	519	1,000
Contingency	420	5,000	520	24,000
TOTAL TANGIBLES		84,000	945,000	473,000
TOTAL WELL COSTS		684,000	1,019,500	1,867,000

COG Operating LLC

By: Carl Bed

Date Prepared

4/1/13

JL

We approve:

_____% Working Interest

Company:

By:

Printed Name:

Title:

Date:

The AFE is only an estimate. By signing you agree to pay your share of the actual costs incurred.

District I
1625 N. Francis Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-6730
District II
631 E. Pecos St., Artesia, NM 88210
Phone: (505) 746-1133 Fax: (505) 746-9730
District III
1000 N. Slinger Rd., Azusa, NM 87410
Phone: (505) 334-6176 Fax: (505) 334-6176
District IV
1350 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3470 Fax: (505) 476-3442

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Dennie 100743

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address: COO OPERATING LLC Osa Concho Center Midland, TX 79701		2. OORID Number 229137
		3. ADI Number 30-025-40919
4. Property Code 37687	5. Property Name TAYLOR D	6. Well No. 027

7. Surface Location

UL - Lot	Section	Township	Range	Loc. Id	Feet From	N/S Line	Feet From	E/W Line	County
L	10	17S	32E	L	2310	S	990	W	LEA

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Loc. Id	Feet From	N/S Line	Feet From	E/W Line	County
A	10	17S	32E	L	2310	S	990	W	Lea

9. Pool Information

MALJAMAR, YESO, WEST	44500
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Additional Well Information

11. Well Type New Well	12. Well Type OIL	13. Cable Rotary	14. Lease Type Private	15. Ground Level Elevation 4128
16. Multiple N	17. Proposed Depth 7100	18. Formation Yeso Formation	19. Contractor	20. Spud Date 3/31/2013
Depth to Ground water 110		Distance from nearest salt water well > 1000		Distance to nearest surface water > 1000

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/lb	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	800	650	0
Int	11	8.625	32	2150	600	0
Prod	7.875	5.5	17	7100	900	0

Casing/Cement Program: Additional Comments

COO proposes to drill a 17-1/2" hole to 800' w/ br wtr mud system, wt 8.5, vis 28, set 13-3/8" casing & cement to surface. Drill an 11" hole to 2150' w/ br mud system, wt 10, vis 30. Set 8-5/8" casing & cement to surface. Drill 7-7/8" hole to 7100' w/ br mud system, wt 9.1, vis 29-32. Test Yeso formation. Run 5-1/2" casing & cement to surface. Note: On production string, a caliper will be run. COO will attempt to circulate cement.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	2000	2000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. If further certify I have complied with 19.16.14.9 (A) NMAC & 19.16.14.9 (B) NMAC & 19.16.14.9 (C) NMAC & 19.16.14.9 (D) NMAC & 19.16.14.9 (E) NMAC & 19.16.14.9 (F) NMAC & 19.16.14.9 (G) NMAC & 19.16.14.9 (H) NMAC & 19.16.14.9 (I) NMAC & 19.16.14.9 (J) NMAC & 19.16.14.9 (K) NMAC & 19.16.14.9 (L) NMAC & 19.16.14.9 (M) NMAC & 19.16.14.9 (N) NMAC & 19.16.14.9 (O) NMAC & 19.16.14.9 (P) NMAC & 19.16.14.9 (Q) NMAC & 19.16.14.9 (R) NMAC & 19.16.14.9 (S) NMAC & 19.16.14.9 (T) NMAC & 19.16.14.9 (U) NMAC & 19.16.14.9 (V) NMAC & 19.16.14.9 (W) NMAC & 19.16.14.9 (X) NMAC & 19.16.14.9 (Y) NMAC & 19.16.14.9 (Z) NMAC & 19.16.14.9 (AA) NMAC & 19.16.14.9 (AB) NMAC & 19.16.14.9 (AC) NMAC & 19.16.14.9 (AD) NMAC & 19.16.14.9 (AE) NMAC & 19.16.14.9 (AF) NMAC & 19.16.14.9 (AG) NMAC & 19.16.14.9 (AH) NMAC & 19.16.14.9 (AI) NMAC & 19.16.14.9 (AJ) NMAC & 19.16.14.9 (AK) NMAC & 19.16.14.9 (AL) NMAC & 19.16.14.9 (AM) NMAC & 19.16.14.9 (AN) NMAC & 19.16.14.9 (AO) NMAC & 19.16.14.9 (AP) NMAC & 19.16.14.9 (AQ) NMAC & 19.16.14.9 (AR) NMAC & 19.16.14.9 (AS) NMAC & 19.16.14.9 (AT) NMAC & 19.16.14.9 (AU) NMAC & 19.16.14.9 (AV) NMAC & 19.16.14.9 (AW) NMAC & 19.16.14.9 (AX) NMAC & 19.16.14.9 (AY) NMAC & 19.16.14.9 (AZ) NMAC & 19.16.14.9 (BA) NMAC & 19.16.14.9 (BB) NMAC & 19.16.14.9 (BC) NMAC & 19.16.14.9 (BD) NMAC & 19.16.14.9 (BE) NMAC & 19.16.14.9 (BF) NMAC & 19.16.14.9 (BG) NMAC & 19.16.14.9 (BH) NMAC & 19.16.14.9 (BI) NMAC & 19.16.14.9 (BJ) NMAC & 19.16.14.9 (BK) NMAC & 19.16.14.9 (BL) NMAC & 19.16.14.9 (BM) NMAC & 19.16.14.9 (BN) NMAC & 19.16.14.9 (BO) NMAC & 19.16.14.9 (BP) NMAC & 19.16.14.9 (BQ) NMAC & 19.16.14.9 (BR) NMAC & 19.16.14.9 (BS) NMAC & 19.16.14.9 (BT) NMAC & 19.16.14.9 (BU) NMAC & 19.16.14.9 (BV) NMAC & 19.16.14.9 (BW) NMAC & 19.16.14.9 (BX) NMAC & 19.16.14.9 (BY) NMAC & 19.16.14.9 (BZ) NMAC & 19.16.14.9 (CA) NMAC & 19.16.14.9 (CB) NMAC & 19.16.14.9 (CC) NMAC & 19.16.14.9 (CD) NMAC & 19.16.14.9 (CE) NMAC & 19.16.14.9 (CF) NMAC & 19.16.14.9 (CG) NMAC & 19.16.14.9 (CH) NMAC & 19.16.14.9 (CI) NMAC & 19.16.14.9 (CJ) NMAC & 19.16.14.9 (CK) NMAC & 19.16.14.9 (CL) NMAC & 19.16.14.9 (CM) NMAC & 19.16.14.9 (CN) NMAC & 19.16.14.9 (CO) NMAC & 19.16.14.9 (CP) NMAC & 19.16.14.9 (CQ) NMAC & 19.16.14.9 (CR) NMAC & 19.16.14.9 (CS) NMAC & 19.16.14.9 (CT) NMAC & 19.16.14.9 (CU) NMAC & 19.16.14.9 (CV) NMAC & 19.16.14.9 (CW) NMAC & 19.16.14.9 (CX) NMAC & 19.16.14.9 (CY) NMAC & 19.16.14.9 (CZ) NMAC & 19.16.14.9 (DA) NMAC & 19.16.14.9 (DB) NMAC & 19.16.14.9 (DC) NMAC & 19.16.14.9 (DD) NMAC & 19.16.14.9 (DE) NMAC & 19.16.14.9 (DF) NMAC & 19.16.14.9 (DG) NMAC & 19.16.14.9 (DH) NMAC & 19.16.14.9 (DI) NMAC & 19.16.14.9 (DJ) NMAC & 19.16.14.9 (DK) NMAC & 19.16.14.9 (DL) NMAC & 19.16.14.9 (DM) NMAC & 19.16.14.9 (DN) NMAC & 19.16.14.9 (DO) NMAC & 19.16.14.9 (DP) NMAC & 19.16.14.9 (DQ) NMAC & 19.16.14.9 (DR) NMAC & 19.16.14.9 (DS) NMAC & 19.16.14.9 (DT) NMAC & 19.16.14.9 (DU) NMAC & 19.16.14.9 (DV) NMAC & 19.16.14.9 (DW) NMAC & 19.16.14.9 (DX) NMAC & 19.16.14.9 (DY) NMAC & 19.16.14.9 (DZ) NMAC & 19.16.14.9 (EA) NMAC & 19.16.14.9 (EB) NMAC & 19.16.14.9 (EC) NMAC & 19.16.14.9 (ED) NMAC & 19.16.14.9 (EE) NMAC & 19.16.14.9 (EF) NMAC & 19.16.14.9 (EG) NMAC & 19.16.14.9 (EH) NMAC & 19.16.14.9 (EI) NMAC & 19.16.14.9 (EJ) NMAC & 19.16.14.9 (EK) NMAC & 19.16.14.9 (EL) NMAC & 19.16.14.9 (EM) NMAC & 19.16.14.9 (EN) NMAC & 19.16.14.9 (EO) NMAC & 19.16.14.9 (EP) NMAC & 19.16.14.9 (EQ) NMAC & 19.16.14.9 (ER) NMAC & 19.16.14.9 (ES) NMAC & 19.16.14.9 (ET) NMAC & 19.16.14.9 (EU) NMAC & 19.16.14.9 (EV) NMAC & 19.16.14.9 (EW) NMAC & 19.16.14.9 (EX) NMAC & 19.16.14.9 (EY) NMAC & 19.16.14.9 (EZ) NMAC & 19.16.14.9 (FA) NMAC & 19.16.14.9 (FB) NMAC & 19.16.14.9 (FC) NMAC & 19.16.14.9 (FD) NMAC & 19.16.14.9 (FE) NMAC & 19.16.14.9 (FF) NMAC & 19.16.14.9 (FG) NMAC & 19.16.14.9 (FH) NMAC & 19.16.14.9 (FI) NMAC & 19.16.14.9 (FJ) NMAC & 19.16.14.9 (FK) NMAC & 19.16.14.9 (FL) NMAC & 19.16.14.9 (FM) NMAC & 19.16.14.9 (FN) NMAC & 19.16.14.9 (FO) NMAC & 19.16.14.9 (FP) NMAC & 19.16.14.9 (FQ) NMAC & 19.16.14.9 (FR) NMAC & 19.16.14.9 (FS) NMAC & 19.16.14.9 (FT) NMAC & 19.16.14.9 (FU) NMAC & 19.16.14.9 (FV) NMAC & 19.16.14.9 (FW) NMAC & 19.16.14.9 (FX) NMAC & 19.16.14.9 (FY) NMAC & 19.16.14.9 (FZ) NMAC & 19.16.14.9 (GA) NMAC & 19.16.14.9 (GB) NMAC & 19.16.14.9 (GC) NMAC & 19.16.14.9 (GD) NMAC & 19.16.14.9 (GE) NMAC & 19.16.14.9 (GF) NMAC & 19.16.14.9 (GG) NMAC & 19.16.14.9 (GH) NMAC & 19.16.14.9 (GI) NMAC & 19.16.14.9 (GJ) NMAC & 19.16.14.9 (GK) NMAC & 19.16.14.9 (GL) NMAC & 19.16.14.9 (GM) NMAC & 19.16.14.9 (GN) NMAC & 19.16.14.9 (GO) NMAC & 19.16.14.9 (GP) NMAC & 19.16.14.9 (GQ) NMAC & 19.16.14.9 (GR) NMAC & 19.16.14.9 (GS) NMAC & 19.16.14.9 (GT) NMAC & 19.16.14.9 (GU) NMAC & 19.16.14.9 (GV) NMAC & 19.16.14.9 (GW) NMAC & 19.16.14.9 (GX) NMAC & 19.16.14.9 (GY) NMAC & 19.16.14.9 (GZ) NMAC & 19.16.14.9 (HA) NMAC & 19.16.14.9 (HB) NMAC & 19.16.14.9 (HC) NMAC & 19.16.14.9 (HD) NMAC & 19.16.14.9 (HE) NMAC & 19.16.14.9 (HF) NMAC & 19.16.14.9 (HG) NMAC & 19.16.14.9 (HH) NMAC & 19.16.14.9 (HI) NMAC & 19.16.14.9 (HJ) NMAC & 19.16.14.9 (HK) NMAC & 19.16.14.9 (HL) NMAC & 19.16.14.9 (HM) NMAC & 19.16.14.9 (HN) NMAC & 19.16.14.9 (HO) NMAC & 19.16.14.9 (HP) NMAC & 19.16.14.9 (HQ) NMAC & 19.16.14.9 (HR) NMAC & 19.16.14.9 (HS) NMAC & 19.16.14.9 (HT) NMAC & 19.16.14.9 (HU) NMAC & 19.16.14.9 (HV) NMAC & 19.16.14.9 (HW) NMAC & 19.16.14.9 (HX) NMAC & 19.16.14.9 (HY) NMAC & 19.16.14.9 (HZ) NMAC & 19.16.14.9 (IA) NMAC & 19.16.14.9 (IB) NMAC & 19.16.14.9 (IC) NMAC & 19.16.14.9 (ID) NMAC & 19.16.14.9 (IE) NMAC & 19.16.14.9 (IF) NMAC & 19.16.14.9 (IG) NMAC & 19.16.14.9 (IH) NMAC & 19.16.14.9 (II) NMAC & 19.16.14.9 (IJ) NMAC & 19.16.14.9 (IK) NMAC & 19.16.14.9 (IL) NMAC & 19.16.14.9 (IM) NMAC & 19.16.14.9 (IN) NMAC & 19.16.14.9 (IO) NMAC & 19.16.14.9 (IP) NMAC & 19.16.14.9 (IQ) NMAC & 19.16.14.9 (IR) NMAC & 19.16.14.9 (IS) NMAC & 19.16.14.9 (IT) NMAC & 19.16.14.9 (IU) NMAC & 19.16.14.9 (IV) NMAC & 19.16.14.9 (IW) NMAC & 19.16.14.9 (IX) NMAC & 19.16.14.9 (IY) NMAC & 19.16.14.9 (IZ) NMAC & 19.16.14.9 (JA) NMAC & 19.16.14.9 (JB) NMAC & 19.16.14.9 (JC) NMAC & 19.16.14.9 (JD) NMAC & 19.16.14.9 (JE) NMAC & 19.16.14.9 (JF) NMAC & 19.16.14.9 (JG) NMAC & 19.16.14.9 (JH) NMAC & 19.16.14.9 (JI) NMAC & 19.16.14.9 (JJ) NMAC & 19.16.14.9 (JK) NMAC & 19.16.14.9 (JL) NMAC & 19.16.14.9 (JM) NMAC & 19.16.14.9 (JN) NMAC & 19.16.14.9 (JO) NMAC & 19.16.14.9 (JP) NMAC & 19.16.14.9 (JQ) NMAC & 19.16.14.9 (JR) NMAC & 19.16.14.9 (JS) NMAC & 19.16.14.9 (JT) NMAC & 19.16.14.9 (JU) NMAC & 19.16.14.9 (JV) NMAC & 19.16.14.9 (JW) NMAC & 19.16.14.9 (JX) NMAC & 19.16.14.9 (JY) NMAC & 19.16.14.9 (JZ) NMAC & 19.16.14.9 (KA) NMAC & 19.16.14.9 (KB) NMAC & 19.16.14.9 (KC) NMAC & 19.16.14.9 (KD) NMAC & 19.16.14.9 (KE) NMAC & 19.16.14.9 (KF) NMAC & 19.16.14.9 (KG) NMAC & 19.16.14.9 (KH) NMAC & 19.16.14.9 (KI) NMAC & 19.16.14.9 (KJ) NMAC & 19.16.14.9 (KL) NMAC & 19.16.14.9 (KM) NMAC & 19.16.14.9 (KN) NMAC & 19.16.14.9 (KO) NMAC & 19.16.14.9 (KP) NMAC & 19.16.14.9 (KQ) NMAC & 19.16.14.9 (KR) NMAC & 19.16.14.9 (KS) NMAC & 19.16.14.9 (KT) NMAC & 19.16.14.9 (KU) NMAC & 19.16.14.9 (KV) NMAC & 19.16.14.9 (KW) NMAC & 19.16.14.9 (KX) NMAC & 19.16.14.9 (KY) NMAC & 19.16.14.9 (KZ) NMAC & 19.16.14.9 (LA) NMAC & 19.16.14.9 (LB) NMAC & 19.16.14.9 (LC) NMAC & 19.16.14.9 (LD) NMAC & 19.16.14.9 (LE) NMAC & 19.16.14.9 (LF) NMAC & 19.16.14.9 (LG) NMAC & 19.16.14.9 (LH) NMAC & 19.16.14.9 (LI) NMAC & 19.16.14.9 (LJ) NMAC & 19.16.14.9 (LK) NMAC & 19.16.14.9 (LL) NMAC & 19.16.14.9 (LM) NMAC & 19.16.14.9 (LN) NMAC & 19.16.14.9 (LO) NMAC & 19.16.14.9 (LP) NMAC & 19.16.14.9 (LQ) NMAC & 19.16.14.9 (LR) NMAC & 19.16.14.9 (LS) NMAC & 19.16.14.9 (LT) NMAC & 19.16.14.9 (LU) NMAC & 19.16.14.9 (LV) NMAC & 19.16.14.9 (LW) NMAC & 19.16.14.9 (LX) NMAC & 19.16.14.9 (LY) NMAC & 19.16.14.9 (LZ) NMAC & 19.16.14.9 (MA) NMAC & 19.16.14.9 (MB) NMAC & 19.16.14.9 (MC) NMAC & 19.16.14.9 (MD) NMAC & 19.16.14.9 (ME) NMAC & 19.16.14.9 (MF) NMAC & 19.16.14.9 (MG) NMAC & 19.16.14.9 (MH) NMAC & 19.16.14.9 (MI) NMAC & 19.16.14.9 (MJ) NMAC & 19.16.14.9 (MK) NMAC & 19.16.14.9 (ML) NMAC & 19.16.14.9 (MM) NMAC & 19.16.14.9 (MN) NMAC & 19.16.14.9 (MO) NMAC & 19.16.14.9 (MP) NMAC & 19.16.14.9 (MQ) NMAC & 19.16.14.9 (MR) NMAC & 19.16.14.9 (MS) NMAC & 19.16.14.9 (MT) NMAC & 19.16.14.9 (MU) NMAC & 19.16.14.9 (MV) NMAC & 19.16.14.9 (MW) NMAC & 19.16.14.9 (MX) NMAC & 19.16.14.9 (MY) NMAC & 19.16.14.9 (MZ) NMAC & 19.16.14.9 (NA) NMAC & 19.16.14.9 (NB) NMAC & 19.16.14.9 (NC) NMAC & 19.16.14.9 (ND) NMAC & 19.16.14.9 (NE) NMAC & 19.16.14.9 (NF) NMAC & 19.16.14.9 (NG) NMAC & 19.16.14.9 (NH) NMAC & 19.16.14.9 (NI) NMAC & 19.16.14.9 (NJ) NMAC & 19.16.14.9 (NK) NMAC & 19.16.14.9 (NL) NMAC & 19.16.14.9 (NM) NMAC & 19.16.14.9 (NO) NMAC & 19.16.14.9 (NP) NMAC & 19.16.14.9 (NQ) NMAC & 19.16.14.9 (NR) NMAC & 19.16.14.9 (NS) NMAC & 19.16.14.9 (NT) NMAC & 19.16.14.9 (NU) NMAC & 19.16.14.9 (NV) NMAC & 19.16.14.9 (NW) NMAC & 19.16.14.9 (NX) NMAC & 19.16.14.9 (NY) NMAC & 19.16.14.9 (NZ) NMAC & 19.16.14.9 (OA) NMAC & 19.16.14.9 (OB) NMAC & 19.16.14.9 (OC) NMAC & 19.16.14.9 (OD) NMAC & 19.16.14.9 (OE) NMAC & 19.16.14.9 (OF) NMAC & 19.16.14.9 (OG) NMAC & 19.16.14.9 (OH) NMAC & 19.16.14.9 (OI) NMAC & 19.16.14.9 (OJ) NMAC & 19.16.14.9 (OK) NMAC & 19.16.14.9 (OL) NMAC & 19.16.14.9 (OM) NMAC & 19.16.14.9 (ON) NMAC & 19.16.14.9 (OO) NMAC & 19.16.14.9 (OP) NMAC & 19.16.14.9 (OQ) NMAC & 19.16.14.9 (OR) NMAC & 19.16.14.9 (OS) NMAC & 19.16.14.9 (OT) NMAC & 19.16.14.9 (OU) NMAC & 19.16.14.9 (OV) NMAC & 19.16.14.9 (OW) NMAC & 19.16.14.9 (OX) NMAC & 19.16.14.9 (OY) NMAC & 19.16.14.9 (OZ) NMAC & 19.16.14.9 (PA) NMAC & 19.16.14.9 (PB) NMAC & 19.16.14.9 (PC) NMAC & 19.16.14.9 (PD) NMAC & 19.16.14.9 (PE) NMAC & 19.16.14.9 (PF) NMAC & 19.16.14.9 (PG) NMAC & 19.16.14.9 (PH) NMAC & 19.16.14.9 (PI) NMAC & 19.16.14.9 (PJ) NMAC & 19.16.14.9 (PK) NMAC & 19.16.14.9 (PL) NMAC & 19.16.14.9 (PM) NMAC & 19.16.14.9 (PN) NMAC & 19.16.14.9 (PO) NMAC & 19.16.14.9 (PP) NMAC & 19.16.14.9 (PQ) NMAC & 19.16.14.9 (PR) NMAC & 19.16.14.9 (PS) NMAC & 19.16.14.9 (PT) NMAC & 19.16.14.9 (PU) NMAC & 19.16.14.9 (PV) NMAC & 19.16.14.9 (PW) NMAC & 19.16.14.9 (PX) NMAC & 19.16.14.9 (PY) NMAC & 19.16.14.9 (PZ) NMAC & 19.16.14.9 (QA) NMAC & 19.16.14.9 (QB) NMAC & 19.16.14.9 (QC) NMAC & 19.16.14.9 (QD) NMAC & 19.16.14.9 (QE) NMAC & 19.16.14.9 (QF) NMAC & 19.16.14.9 (QG) NMAC & 19.16.14.9 (QH) NMAC & 19.16.14.9 (QI) NMAC & 19.16.14.9 (QJ) NMAC & 19.16.14.9 (QK) NMAC & 19.16.14.9 (QL) NMAC & 19.16.14.9 (QM) NMAC & 19.16.14.9 (QN) NMAC & 19.16.14.9 (QO) NMAC & 19.16.14.9 (QP) NMAC & 19.16.14.9 (QQ) NMAC & 19.16.14.9 (QR) NMAC & 19.16.14.9 (QS) NMAC & 19.16.14.9 (QT) NMAC & 19.16.14.9 (QU) NMAC & 19.16.14.9 (QV) NMAC & 19.16.14.9 (QW) NMAC & 19.16.14.9 (QX) NMAC & 19.16.14.9 (QY) NMAC & 19.16.14.9 (QZ) NMAC & 19.16.14.9 (RA) NMAC & 19.16.14.9 (RB) NMAC & 19.16.14.9 (RC) NMAC & 19.16.14.9 (RD) NMAC & 19.16.14.9 (RE) NMAC & 19.16.14.9 (RF) NMAC & 19.16.14.9 (RG) NMAC & 19.16.14.9 (RH) NMAC & 19.16.14.9 (RI) NMAC & 19.16.14.9 (RJ) NMAC & 19.16.14.9 (RK) NMAC & 19.16.14.9 (RL) NMAC & 19.16.14.9 (RM) NMAC & 19.16.14.9 (RN) NMAC & 19.16.14.9 (RO) NMAC & 19.16.14.9 (RP) NMAC & 19.16.14.9 (RQ) NMAC & 19.16.14.9 (RR) NMAC & 19.16.14.9 (RS) NMAC & 19.16.14.9 (RT) NMAC & 19.16.14.9 (RU) NMAC & 19.16.14.9 (RV) NMAC & 19.16.14.9 (RW) NMAC & 19.16.14.9 (RX) NMAC & 19.16.14.9 (RY) NMAC & 19.16.14.9 (RZ) NMAC & 19.16.14.9 (SA) NMAC & 19.16.14.9 (SB) NMAC & 19.16.14.9 (SC) NMAC & 19.16.14.9 (SD) NMAC & 19.16.14.9 (SE) NMAC & 19.16.14.9 (SF) NMAC & 19.16.14.9 (SG) NMAC & 19.16.14.9 (SH) NMAC & 19.16.14.9 (SI) NMAC & 19.16.14.9 (SJ) NMAC & 19.16.14.9 (SK) NMAC & 19.16.14.9 (SL) NMAC & 19.16.14.9 (SM) NMAC & 19.16.14.9 (SN) NMAC & 19.16.14.9 (SO) NMAC & 19.16.14.9 (SP) NMAC & 19.16.14.9 (SQ) NMAC & 19.1	
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District I
1637 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-4161 Fax: (505) 393-4730
District II
111 S. First St., Artesia, NM 86210
Phone: (505) 745-1283 Fax: (505) 745-4730
District III
1090 Rio Grande Rd., Alamogordo, NM 87410
Phone: (505) 324-4178 Fax: (505) 324-4176
District IV
1330 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3476 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form O-103
August 1, 2011
Permit: 140743

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-005-40919	2. Pool Code 44500	3. Pool Name MALJANGAR, YESO, WEST
4. Property Code 17697	5. Property Name TAYLOR D	6. Well No. 027
7. CORRID No. 229137	8. Operator Name COG OPERATING LLC	9. Elevation 4128

10. Surface Location

UL - Lot	Section	Township	Range	Lot 10n	Feet From	N/S Line	Feet From	E/W Line	County
L	10	17S	32E		2310	S	990	W	LEA

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot 10n	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acre 40.00	13. Joint or Infill	14. Consolidation Code	15. Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN
CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.		
	E-Signed By: Diane Kuykendall Title: Production Reporting Mgr Date: 1/15/2013		
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.		
	Surveyed By: Robert Howell Date of Survey: 1/3/2013 Certificate Number: 19690		