

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs
HOBBS OCD

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SEP 11 2013

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

RECEIVED

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC029405B
2. Name of Operator CONOCOPHILLIPS COMPANY		6. If Indian, Allottee or Tribe Name
3a. Address 3300 N "A" ST BLDG 6 MIDLAND, TX 79705		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432-688-6913 Fx: 432-688-6017		8. Well Name and No. RUBY FEDERAL 8
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 18 T17S R32E SESE 1000FSL 620FEL		9. API Well No. 30-025-40521-00-S1
		10. Field and Pool, or Exploratory MALJAMAR
		11. County or Parish, and State LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Subsurface Commingling
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

ConocoPhillips Company respectfully requests approval to downhole comingle the Maljamar; Yeso West pool with the Grayburg; San Andres. This project has been discussed with Ed Fernandez, BLM Engineer. Our submittal to the State of New Mexico was transmitted to your office under separate cover in June 2013.

**SUBJECT TO LIKE
APPROVAL BY STATE**

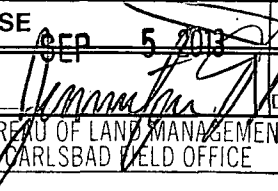
Attachment 1 is another copy of the package sent to New Mexico for approval.

Attachment 2 is the approval letter we received from the State of New Mexico.

The recompleat work has been scheduled, but downhole comingling of production will not occur until approval is received from your office.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

DHC-4627 7/15/13

14. I hereby certify that the foregoing is true and correct. Electronic Submission #215030 verified by the BLM Well Information System For CONOCOPHILLIPS COMPANY, sent to the Hobbs Committed to AFMSS for processing by JOHNNY DICKERSON on 07/31/2013 (13JLD0510SE)	
Name (Printed/Typed) SUSAN B MAUNDER	Title SENIOR REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 07/26/2013
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> APPROVED  SEP 5 2013 BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE </div>	
Approved By	Title
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office

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

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

SEP 12 2013

Additional data for EC transaction #215030 that would not fit on the form

32. Additional remarks, continued

Thank you for your consideration of this matter.



Susan B. Maunder
Sr. Regulatory Specialist
Phone: (432) 688-6913

ConocoPhillips Company
P.O. Box 51810
Midland, TX 79710-1810

June 18, 2013

HOBBS OCD

SEP 11 2013

RECEIVED

State of New Mexico
Oil Conservation Division
Attn: Mr. Phillip Goetze
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

SUBJECT: REQUEST FOR APPROVAL OF DOWNHOLE COMINGLING FOR RUBY FEDERAL #8

Dear Mr. Goetze,

ConocoPhillips Company respectfully requests an approval of our plans to Downhole Comingling the Maljamar; Yeso West Pool (44500) and the Maljamar; Grayburg, San Andres Pool (43329) in the Ruby Federal #8 well. The lease is recorded as NM LC 029405B. The well is located in UL P, 1000' from the south line and 620' from the east line of Section 18, Township 17S, Range 32E, Lea County, New Mexico. ConocoPhillips is 100% lessee and 100% working interest owner of the Ruby federal lease. Royalty interest is the same in both pools. The lease to the south is NM LC 029405A. The interest percentages for the lease to the south are: COG Operating LLC 75% and ConocoPhillips Company 25%. The granting of this request will prevent waste by providing access to otherwise marginal production.

Enclosed are the following documents in support of this request.

- Administrative Application Checklist
- Copy of the New Mexico Form C-107A (with attachments)
- Copy of letter sent to spacing unit interest owners.

A copy of this letter is being sent to Bureau of Land Management, Carlsbad Field Office. Notification is being provided by separate letter to interest owners in the spacing unit (as per NMAC 19.15.12) via certified return receipt.

If you have questions regarding this request, I can be reached at 432-688-6913 or via email at Susan.B.Maunder@conocophillips.com.

Sincerely,

A handwritten signature in cursive script that reads "Susan B. Maunder".

Susan B. Maunder
Senior Regulatory Specialist
ConocoPhillips Company

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

HOBBS OGD

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



SEP 11 2013

RECEIVED

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

- [D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☒ Offset Operators, Leaseholders or Surface Owner
 [C] ☐ Application is One Which Requires Published Legal Notice
 [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Susan B. Maunder
 Print or Type Name

Susan B. Maunder
 Signature

Sr. Regulatory Specialist
 Title

6/18/13
 Date

Susan.B.Maunder@conocophillips.com
 e-mail Address

District I
1625 N. French Drive, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised August 1, 2011

District II
811 S. First St., Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

APPLICATION TYPE
☒ Single Well
☐ Establish Pre-Approved Pools
EXISTING WELLBORE
☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

ConocoPhillips Company
Operator

P.O. Box 51810 Midland, TX 79710-1810
Address

Ruby Federal
Lease

8
Well No.

UL P-Sec. 18-T17S-R32E
Unit Letter-Section-Township-Range

LEA
County

OGRID No. 217817 Property Code 38653 API No. 30-025-40521 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Maljamar; Grayburg, SanAnd		Maljamar; Yeso West
Pool Code	43329		44500
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	prop'd perf's 3498-5273'		5375-6570'
Method of Production (Flowing or Artificial Lift)	Artificial		Artificial
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	~1970 psi		0.465 psi/ft
Oil Gravity or Gas BTU (Degree API or Gas BTU)	39		36.6
Producing, Shut-In or New Zone	New Zone		Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: Rates: see attached	Date: Rates:	Date: 04/30/2013 Rates: 59/285/115
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 42 % 19 %	Oil Gas % %	Oil Gas 58 % 81 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☒ No ☐

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-40507	² Pool Code 44500	³ Pool Name Maljamar; Yeso West
⁴ Property Code 38653	⁵ Property Name Ruby Federal	⁶ Well Number 8
⁷ OGRID No. 217817	⁸ Operator Name ConocoPhillips Company	⁹ Elevation 3976'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	18	17S	32E		1000	South	620	East	Lea

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	18	17S	32E		990	South	1099	East	Lea

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

16				<p>¹⁷ OPERATOR CERTIFICATION</p> <p><i>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 unleased mineral interest in the land including the proposed bottom hole location 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.</i></p> <p><i>Susan B. Maunder</i> 6/7/13 Signature Date</p> <p>Susan B. Maunder Printed Name</p> <p>Susan.B.Maunder@conocophillips.com E-mail Address</p>
				<p>¹⁸ SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p>
				<p>Certificate Number</p>

New Mexico Oil Conservation Division
C-102 Instructions

IF THIS IS AN AMENDED REPORT, CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed contact the appropriate OCD district office. Independent subdivision surveys will not be acceptable.

1. The OCD assigned API number for this well.
2. The pool code for this (proposed) completion.
3. The pool name for this (proposed) completion.
4. The property code for this (proposed) completion.
5. The property name (well name) for this (proposed) completion.
6. The well number for this (proposed) completion.
7. Operator's OGRID number.
8. The operator's name.
9. The ground level elevation of this well.
10. The surveyed surface location of this well measured from the section lines. NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD unit letter.
11. Proposed bottom hole location. If this is a horizontal hole indicate the location of the end of the hole.
12. The calculated acreage dedicated to this completion to the nearest hundredth of an acre.
13. Put a Y if more than one completion will be sharing this same acreage or N if this is the only completion on this acreage.
14. If more than one lease of different ownership has been dedicated to the well show the consolidation code from the following table:

C	Communitization
U	Unitization
F	Forced pooling
O	Other
P	Consolidation pending

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!

15. Write in the OCD order(s) approving a non-standard location, non-standard spacing, or directional or horizontal drilling.
16. This grid represents a standard section. You may superimpose a non-standard section over this grid. Outline the dedicated acreage and the separate leases within that dedicated acreage. Show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. (Note: A legal location is determined from the perpendicular distance to the edge of the tract.) If this is a high angle or horizontal hole, show that portion of the well bore that is open within this pool.

Show all lots, lot numbers, and their respective acreage.

If more than one lease has been dedicated to this completion, outline each one and identify the ownership as to both working interest and royalty.
17. The signature, printed name and e-mail address of the person authorized to make this report, and the date this document was signed.
18. The registered surveyors certification. This section does not have to be completed if this form has been previously accepted by the OCD and is being filed for a change of pool or dedicated acreage.

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

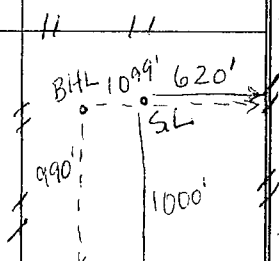
☐ AMENDED REPORT

¹ API Number	² Pool Code	³ Pool Name
30-025-40507	43329	Maljamar; Grayburg, San Andres
⁴ Property Code	⁵ Property Name	⁶ Well Number
	Ruby Federal	8
⁷ OGRID No.	⁸ Operator Name	⁹ Elevation
217817	ConocoPhillips Company	3976'

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	18	17S	32E		1000	South	620	East	Lea

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	18	17S	32E		990'	South	1099'	East	Lea

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
40			

16				17 OPERATOR CERTIFICATION <i>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 unleased mineral interest in the land including the proposed bottom hole location 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.</i> <u>Susan B. Maunder</u> 6/7/13 Signature Date <u>Susan B. Maunder</u> Printed Name <u>Susan.B.Maunder@conocophillips.com</u> E-mail Address
				18 SURVEYOR CERTIFICATION <i>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.</i> Date of Survey Signature and Seal of Professional Surveyor: Certificate Number
				

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Marlin
Cabinet Secretary-Designate

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey, Division Director
Oil Conservation Division



Administrative Order DHC-4627

Order Date: July 15, 2013

Application Reference Number: pAXK1317256670

ConocoPhillips Company
P. O. Box 51810
Midland, TX 79710-1810

Attention: Susan Maunder

Ruby Federal Well No. 8
API No: 30-025-40521
Unit P, Section 18, Township 17 South, Range 32 East, NMPM
Lea County, New Mexico

Pool	MALJAMAR; YESO, WEST	Oil	44500
Names:	MALJAMAR; GRAYBURG-SAN ANDRES	Oil	43329

Reference is made to your recent application for an exception to 19.15.12.9A NMAC of the Division Rules and Regulations to permit the above-described well to commingle production from the subject pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of 19.15.12.11A NMAC, and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion or otherwise required separation of the zones is hereby placed in abeyance.

In accordance with 19.15.12.11A.(6) NMAC, the production attributed to any commingled pool within the well shall not exceed the allowable applicable to that pool.

Assignment of allowable and allocation of production from the well shall be as follows:

MALJAMAR (YESO WEST) OIL POOL	Pct Gas: 19	Pct Oil: 42
MALJAMAR (GRAYBURG-SAN ANDRES) OIL POOL	Pct Gas: 81	Pct Oil: 58

This approval is conditional upon approval by the United States Bureau of Land Management prior to commencement of commingling.

Administrative Order DHC-4627
ConocoPhillips Company
July 15, 2013
Page 2 of 2

REMARKS: The operator shall notify the Division's district office upon implementation of commingling operations.

Pursuant to 19.15.12.11B NMAC, the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.


JAMI BAILEY
Director

JB/prg

cc: Oil Conservation Division – Hobbs District
Bureau of Land Management – Carlsbad

District PERMIAN	Field Name MALJAMAR	API / UWI 3002540521	County LEA	State/Province NEW MEXICO
Original Spud Date 7/4/2012	Surface Legal Location Section 18, Township 17 S, Range 32 E	E/W Dist (ft) 620.00	E/W Ref FEL	N/S Dist (ft) 1,000.00
				N/S Ref FSL

Well Config: VERTICAL - Original Hole, 6/7/2013 9:08:47 AM

ftKB (MD)	Schematic - Actual	Schematic - Proposed
14	1-1, Polished	3-2, LANDING JOINT, 5
17	Rod SM, 1 1/2,	1/2, 4,892, 14
21	-7, 26.0	3-1, Casing Joints, 5 1/2,
693	1-2, Sucker	4,892, 14
708	Rod, 7/8, 19,	2-2, Landing Joint, 8 5/8,
738	18.0	8,097, 14
881	1-3, Sucker	2-1, Casing Joints, 8 5/8,
2,039	Rod, 7/8, 37,	8,097, 14
3,001	1,848.0	2-3, Casing Hanger
3,498	1-4, Sucker-Rod	(Fluted), 8 5/8; 8,097, 14,
3,514	Guided 4/rod,	2.0
3,588	7/8, 1,885,	3-3, Casing Hanger
3,602	400.0	(Fluted), 5 1/2, 4,892, 14,
3,615	1-5, Sucker	2.8
3,778	Rod, 7/8, 2,285,	2-4, Casing Pup Joint, 8
3,846	300.0	5/8, 8,097, 16, 3.2
3,918		3-4, Casing Pup Joint, 5
3,938	1-6, Sucker	1/2, 4,892, 17, 3.9
4,099	Rod, 3/4, 2,585,	1-1, Casing Joints, 16,
4,117	3,725.0	15,250, 14, 76.0
4,791	1-7, Sinker Bar,	2-5, Casing Joints, 8 5/8,
4,841	1 1/2, 6,310,	8,097, 19, 673.6
4,895	25.0	2-6, Float Collar, 8 5/8,
4,941	1-8, Pony Rod	8,097, 693, 1.5
4,973	Guided, 7/8,	2-7, Casing Joints, 8 5/8,
5,026	6,335, 2.0	8,097, 694, 42.7
5,074	1-9, Sinker Bar,	2-8, Guide Shoe, 8 5/8,
5,135	1 1/2, 6,337,	8,097, 737, 0.7
5,164	50.0	1-1, Tubing, 2 7/8, 2,441,
5,183	1-10, Pony Rod	2, 5,255.7
5,211	Guided, 7/8,	
5,243	6,439, 2.0	1-2, Tubing Marker Sub, 2
5,266	1-13, Sinker	7/8, 2,441, 5,258, 8.1
5,279	Bar, 1 1/2,	3-5, Casing Joints, 5 1/2,
5,318	6,389, 50.0	4,892, 21, 5,257.8
5,375	1-12, Pony Rod	1-3, Tubing, 2 7/8, 2,441,
5,403	Guided, 7/8,	5,266, 63.0
5,449	6,387, 2.0	3-6, DOUBLE MARKER
5,485	1-11, Sinker	JOINT, 5 1/2, 4,892, 5,278,
5,702	Bar, 1 1/2,	39.5
5,781	6,441, 50.0	1-4, Anchor 5 1/2 X 2 7/8,
5,811	1-14, Pony Rod	4,995, 2,441, 5,329, 2.7
5,836	Guided, 7/8,	Perforated, 5,375-5,380,
5,880	6,491, 2.0	7/20/2012
5,915	1-15, Sinker	Perforated, 5,403-5,408,
5,959	Bar, 1 1/2,	7/20/2012
6,109	6,493, 50.0	Perforated, 5,449-5,454,
6,209	1-16, Pony Rod	7/20/2012
6,550	Guided, 7/8,	Perforated, 5,485-5,490,
6,767	6,543, 2.0	7/20/2012
7,165	1-17, Sinker	Perforated, 5,880-5,900,
7,210	Bar, 1 1/2,	7/20/2012
7,221	6,545, 50.0	Perforated, 5,915-5,935,
	1-18, Pony Rod	7/20/2012
	Guided, 7/8,	1-5, Tubing, 2 7/8, 2,441,
	6,595, 2.0	5,332, 1,256.5
	1-19, Rod Insert	Perforated, 5,959-5,979,
	Pump, 1 3/4,	7/20/2012
	6,597, 24.0	Perforated, 6,109-6,129,
	1-20, Gas	7/20/2012
	Anchor/Dip	Perforated, 6,209-6,229,
	Tube, 1 1/4,	7/19/2012
	6,621, 1.0	Perforated, 6,550-6,570,
		7/18/2012
		1-6, Tubing TK 99, 2 7/8,
		2,441, 6,588, 32.5
		1-7, Pump Seating Nipple,
		2 7/8, 2,280, 6,621, 1.1
		3-7, Casing Joints, 5 1/2,
		4,892, 5,318, 1,847.2
		3-8, Float Collar, 5 1/2,
		4,892, 7,165, 1.5
		3-9, Casing Joints, 5 1/2,
		4,892, 7,167, 42.9
		3-10, Float Shoe, 5 1/2,
		4,892, 7,210, 1.3
		2-1, Tubing, 2 3/8, 1,995,
		14, 5,762.5
		Perforated, 3,498-3,505
		Perforated, 3,514-3,525
		Perforated, 3,588-3,592
		Perforated, 3,602-3,606
		Perforated, 3,615-3,619
		Perforated, 3,835-3,846
		Perforated, 3,915-3,918
		Perforated, 3,927-3,938
		Perforated, 4,085-4,099
		Perforated, 4,110-4,117
		Perforated, 4,782-4,791
		Perforated, 4,833-4,841
		Perforated, 4,884-4,895
		Perforated, 4,931-4,941
		Perforated, 4,966-4,973
		Perforated, 5,016-5,026
		Perforated, 5,065-5,074
		Perforated, 5,124-5,135
		Perforated, 5,154-5,164
		Perforated, 5,173-5,183
		Perforated, 5,201-5,211
		Perforated, 5,230-5,243
		Perforated, 5,247
		Perforated, 5,266-5,273
		2-2, Tubing - TK99 Lift
		Sub, 2 3/8, 1,995, 5,777,
		4.1
		2-3, ESP - Pump, 3,380,
		5,781, 27.4
		2-4, ESP - Intake, 3,380,
		5,808, 2.6
		2-5, ESP - Seal
		Assembly, 3,380, 5,811,
		4.6
		2-6, ESP - Motor, 3,380,
		5,815, 20.8
		2-7, Pressure /
		Temperature Sensor,
		3,380, 5,836, 4.1

**Ruby Federal 8
30-025-40521
ConcoPhillips Company
September 05, 2013
Conditions of Approval**

Notify BLM at 575-393-3612 a minimum of 24 hours prior to commencing work.

Work to be completed by December 01, 2013.

- 1. Operator shall perform a production test on the Malgamar; Yeso West and the Grayburg; San Andres individually and submit results to the BLM.**
2. Before casing or a liner is added or replaced, prior BLM approval of the design is required. Use notice of intent Form 3160-5.
3. Surface disturbance beyond the originally approved pad must have prior approval.
4. Closed loop system required.
5. All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
6. Operator to have H2S monitoring equipment on location.
7. A minimum of a 2000 (2M) BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (2M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.
- 8. Subsequent sundry required detailing work done and completion report with both formations. The completion report shall include production from each formation. Operator to include well bore schematic of current well condition when work is complete.**

- 9. Per sundry dated 06/12/2013 and approved on 07/03/2013, operator procedure steps 19 through 22; once production test has been on the GB/SA report results of test to the BLM on a subsequent report sundry. This report shall indicate how well the test matches the allocation percentages between the two formations and the GB/SA field wide production curve. Do production allocations need to be revised?**
- 10. Operator shall drill out composite plug at 5,325' and DHC. Allocation percentages shall be adjusted if necessary.**

JAM 090513