Form 3160-5 (March 2012) DF BU	UNITED STATE: EPARTMENT OF THE I REAU OF LAND MANA	S NTERIOR AGEMENT	OCD Hobbs	FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2014 5. Lease Serial No. NMI C029405B
SUNDRY Do not use this abandoned well.	NOTICES AND REPO form for proposals to Use Form 3160-3 (Al	RTS ON WELL o drill or to refe PD) for such pi	S JBBS OCD oposals.	6. If Indian, Allottee or Tribe Name
SUBN	<b>IIT IN TRIPLICATE</b> – Other i	instructions on Age	3 <sup>2</sup> 0 8 2014	7. If Unit of CA/Agreement, Name and/or No.
I. Type of Well	Well Other	D		8. Well Name and No. Ruby Federal #10
2. Name of Operator ConocoPhillips Company	/	UNA		9. API Well No. 30-025-40507
3a. Address		3b. Phone No. (inclue	de area code)	10. Field and Pool or Exploratory Area
600 N. Dairy Ashford Rd;	Houston, TX 77450	(281)206-5	5281	Maljamar; Yeso West
1140' FSL & 2310' FEL, U	JL O, Sec. 18, T17S, R	32E 🦯		Lea County NM
12. CHE	ECK THE APPROPRIATE BOX	X(ES) TO INDICATE	E NATURE OF 1	NOTICE, REPORT OR OTHER DATA
TYPE OF SUBMISSION			TYPE OI	FACTION
X Notice of Intent	Acidize	Deepen Fracture Tree	at	Production (Start/Resume)       Water Shut-Off         Reclamation       Well Integrity
Subsequent Report	Casing Repair	New Constru	uction	Recomplete X Other Subsurface
Final Ahandonment Notice	Convert to Injection	Plug and Ab	andon	Temporarily Abandon Communguity
representative Susan Mai request. Attached Supporting Doci	under. We believe the a $DHC - 4c$	628	ents contain oll Cvrre Grayb	ne pertinent information to evaluate this pty froducing only From burg /San Hudres
DHC Procedure Wellbore Diagram C-102s Field Study	Ing Worksheet			APPROVED APPROVED
Thank you for your time s	pent reviewing this regu SEE ATTAC	HED FOR S OF APPRO	)VAL	AUG DEMANAGEMENT
Thereby county that the foregoing is		Titla	Sr Regulat	BUREAU SBAD FIELD UTTO
Susan R. Maunder		line		ory Specialist CARLOU
Susan B. Maunder	Maundon)	Date	07/24/2014	ory Specialist CANLSON
Susan B. Maunder Signature Susan B. Y	Maunder)		07/24/2014	
Susan B. Maunder Signature Susan B. Y	Maunder) This space f	Date OR FEDERAL	07/24/2014 OR STATE	OFFICE USE
Susan B. Maunder Signature Susan B. Approved by Conditions of approval, if any, are attached to applicant holds legal or equitable nitle the applicant to conduct operations	THIS SPACE F ed. Approval of this notice does r title to those rights in the subject s thereon.	Date OR FEDERAL not warrant or certify lease which would	07/24/2014 OR STATE	OFFICE USE

AUG	1	1	20



### RUBY FEDERAL 10 DRILL OUT CBP BELOW SA 10

### **OBJECTIVE OF THIS WORK**

The purpose of this project is to drill out the San Andreas 10 & yeso CBP

Present status: Producing

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Production Engineer: <u>Michael Sendze</u> Date: <u>07/23/2014</u>

**Current Well Category: Category 1** This well is incapable of flowing at rates greater than 500 MCFD. The barrier requirements are: *one untested barrier*.

BOPE Class: Class 2 The well will require Class 1 BOP or better, preferably Hydraulic

GENERAL WELL INFORMATION: RUBY FEDERAL 10								
Well								
status	producing	API	3002540507					
well type	Development	LATITUDE	32°49' 49.57" N					
County	Lea	LONGITUDE	103°48' 15.19" W					
state	NM	LOCATION	1650'FNL &1500'FWL					
section	18	TOWNSHIP	17S					
		RANGE	32E					
AFE	WA5.CBC.0262	COMP NETWORI	K #					
		FAC NETWORK #	¥					

Well category d	efinitions
Category 1	<ul> <li>Wells incapable of flowing gas at rates greater than 500 MCFD at a land location</li> <li>Wells incapable of developing a 100 ppm H2S ROE greater than 50 ft</li> </ul>
Category 2	<ul> <li>Wells capable of flowing gas at rates greater than 500 MCFD but less than 3000 MCFD at a land location</li> <li>Wells capable of developing a 100 ppm H2S ROE greater than 50 ft</li> <li>Wells incapable of sustained flow at any water location in a designated "sensitive area"</li> </ul>
Category 3	<ul> <li>Wells capable of flowing gas or associated gas at rates greater than 3000 MCFD at a land location</li> <li>Wells capable of sustained flow at any water location or in a designated "sensitive area"</li> </ul>

Well Barrier Re	quirements
Category 1	One untested barrier required
Category 2	• Two untested barriers required or for wells incapable of generating 1000 psi differential against a full column of gas
	• One barrier tested in the direction of flow to the maximum well differential
Category 3	• Two barriers tested in the direction of flow
	<ul> <li>For well incapable of generating 1000 psi differential against a full column of gas</li> </ul>
	• One barrier tested in the direction of flow to the maximum well differential and one untested barrier

<b>BOP Class Defini</b>	tions
Class 1 BOP	• Land wells with a MPSP of 1000 psi or less, not location in a designated "sensitive area"
Class 2 BOP	<ul> <li>Wells surface blowout preventers and a MPSP of 1000 psi to 3000 psi.</li> <li>Included in this class are wells with a MPSP of less than 1000 psi which are either located in an environmentally sensitive area or are predicted to produce poisonous gas.</li> </ul>
Class 3 BOP	• Wells surface blowout preventers and a MPSP of 3000 psi to 5000 psi
Class 4 BOP	• Wells with surface blowout preventers and a MPSP of more than 5000 psi
Class 5 BOP	Wells with subsea blowout preventers

		Internal Yie	eld (Burst): psi	Internal D	capacity	
	properties	100%	80%	Nom.	Drift	bbl/ft
Tubing	2-7/8", 6.5#, J-55	7260	5808	2.441	2.347	0.00579
casing	5-1/2", 17#, L-80	7740	6192	4.892	4.767	0.02324

MCFPD	H2S: ppm	ROE: feet				
		100 ppm	500 ррт			
100	600	18	8			

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# ConocoPhillips

# Procedure: Drill out CBP & put well on production

- 1. Before the arrival of the rig, turn off BPU well should be dead, if it isn't pump fresh water until its dead
- 2. Conduct safety meeting with JSA with all personnel and contractors on location
- 3. Rig up, Nipple down well head

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4. Pull out of hole with rods & pump

B Item Des	(Icon)	5:0D:(iñ);		API Grade	Makey & 42	Model 22.	Len (It)	a Jisco	E STATIS
Bein and and and at reason		2.435	Carl Car	C.e.	P. M. S. Barton		HE HE PEA	10.25	Contraction of the second
Polished Rod SM	T f	1 1/2	1		Norris		26.00	1	Polish Rod 👿
Sucker Rod	2	7/8		SPCL APP	Norris	97	22.00	4	Rod 🔄
Sucker Rod		7/8	1	SPCL APP	Nonis	97	1,965.00	78	Rod 💽
Sucker Rod		3/4		SPCL APP	Nonis	97	1,725.00	69	Rod 🔀
Pony Rod Guided	FR -	7/8	i l	D Spec KD	Norris	D90	2.00	1	Rod 💽
Sinker Bar	FD	1 1/2		C			50.00	2	Rod 🔄
Pony Rod Guided	羅路	7/8		D Spec KD	Norris	D90	2.00	1	Rod 💽
Sinker Bar	M	1 1/2	 	C			100.00	4	Rod 💽
Pony Rod Guided	<b>F</b> R	7/8	1	D Spec KD	Norris	D90	2.00	1	Rod 🖸
Sinker Bar	ĒĪ _	1 1/2	ii	C			100.00	4	Rod 🗵
Pony Rod Guided		7/8	:	D Spec KD	Nonis	D90	2.00	1	Rod
Sinker Bar		1 1/2		C			100.00	4	Rod 💽
Pony Rod Guided	<b>8</b> 1	7/8	[]	D Spec KD	Norris	D90	2.00	1	Rod 💽
Rod Insert Pump		2					24.00	1	Rod Pump
Gas Anchor/Dip Tube	<u> </u>	11/4	i				1.00	1	Other 💽
Pony Rod	<b>FI</b>		;						Other 🐹
······································							1	1	S

5. Nipple up BOP, & pull out of hole with tubing and stand tubing

Item Des and Res	Sicon:	AS OD Nominal (in)	Nominal ID (in)	ETT ST THE WI (ID/II) TETTE AND	Grade 22	Len (tt)	Cills? Past	Size Type 24 the State
Lev. W. 1. 2 Hall sold in the way	Big	BIE R. I. M	E.C. C. Barre	STAT REPORT	21-6-5	I. S.	A BALL M	E Par of the state
Tubing		2 7/8	2.441	6.50	J-55	3,371.02	110'Tubing	E
Tubing Marker Sub		2 7/8	2441	6.50	J-55	8.10	1 Tubing	₩ E
Tubing	<b>B</b>	27/8	2.441	6.50	J-55	62.96	2 Tubing	E
Anchor 5 1/2 X 2 7/8	Ø	4.995	2.441	1		2.75	1 Olher	2
Tubing		2 7/8	2441	6.50	J-55	622.62	20 Tubing	E
Tubing TK 99		2 7/8	2.441	6.50	J-55	32.55	1 Tubing	E.
Pump Seating Nipple	8	27/8	2.280			1.10	1 Other	E
Perforated Sub		2 7/8	2.441	i		4.00	1 Other	E
Tubing Sub		2 7/8	1.990	4.70	J-55	10.10	1 Tubing	ų
Blanking plug	8	2 7/8	0.000	4.70	J-55	2.00	1 Other	E
Tubing Carrier Sub w/ 2 pressure gauges inside		2 7/8	1,990	4.70	J-55	6.60	1 Tubing	<u>E</u>
	1	2 7/8						E E

- 6. Pick up and Run in hole with 4-3/4" Bit, 6 drill collars and 2-7/8", J-55 production tubing (casing size: 5-1/2, 17#) to 5307 ft, drill out plug with 10ppg brine
- 7. Continue running in hole with Bit, collars, and tubing to PBD. If we lose weight string drill out as necessary
- 8. Circulate on bottom fresh water to clean out the well till we get clean returns to surface. Recirculate as many times as necessary, the pull out of hole with Bit, collars and tubing

Run in hole with 211 joints of 2-7/8" 6.5# J-55 production tubing, set tubing anchor catcher at 5357 ft, seat 9. nipple at 6745 ft. while running in hole test the tubing to 6000 psi, please replace and tag any bad tubing.

Item Des 34 American Antonio	dicon;	C OD Nominal [in]	Nominal ID [in]	Grade	Len (ft)	<b>H</b> JIS	A State Type sa	
E		Le Martin and a	R	The Barris and the Provention	a la mainte	1	1	e fe
Tubing	鬱	2 7/8	2.441	6.50 J-55	5,272.30	167	Tubing	Ξ
Tübing Marker Sub	H	2 7/8	2.441	6.50 J-55	8.10	1	Tubing	F
Tubing		2 7/8	2.441	6.50 J-55	62.92	2	Tubing	3
Anchor 5 1/2 X 2 7/8	0	4.995	2.441		2.70	1	Other	
Tubing		27/8	2.441	6.50, J-55	1,352.32	44	Tubing	E
Pressure Drainw/4k psi ceramic disk		2 7/8		SS	0.90	1	0ther	E
Tubing TK 99		2 7/8	2.441	6.50 J-55	31.54	1	Tubing	
Pump Seating Nipple	B	2 7/8	2.280		1.10	1	Other	E

10. 🖡

### Figure 1: tubing components going in hole

11. Nipple down BOP, Run in hole with Rods and Pump.

: Constant Item Des	( lcon	0D (in)_	S-WE(IB/II) CARI Grade	Make	Model 1	Plen (ft)	P JIS	Typ.
E to marine		L. attack	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CPP Lines	Contan and the of the		10 A	La a sharahara
Polished Rod SM		1 1/2	t	Norris		26.00	1	Polish Rod 🕱
Sucker Rod		7/8	SPCL APP	Norris	97	10.00	1	Rod 🔀
Sucker Rod		7/8	SPCL APP	Norris	97	2,650.00	107	Rod 🛃
Sucker Rod		3/4	SPCL APP	Norris	97	3,750.00	150	Rod 💽
Sinker Bar		1 1/2	C			25.00	1	Rod 😰
Pony Rod Guided	<b>FF</b>	7/8	D Spec KD	Norris	D90	2.00	1	Rod 😴
Sinker Bar	团	1 1/2	C		1	50.00	2	Rod 🗵
Pony Rod Guided	IF	7/8	D Spec KD	Norris	D90	2.00	1	Rod 🗵
Sinker Bar		1 1/2	¦C		1	50.00	2	Rod 度
Pony Rod Guided	R.	7/8	D Spec KD	Norris	D90	2.00	1	Rod 🔄
Sinker Bar		1 1/2	C			50.00	2	Rod 🛃
Pony Rod Guided	<u>AN</u>	7/8	D Spec KD	Norris	D90	2.00	1	Rod 😇
Sinker Bar		1 1/2	C		1	50.00	2	Rod 🖸
Pony Rod Guided	M	7/8	D Spec KD	Norris	D90	2.00	1	Rod 💽
Sinker Bar	<b>FI</b>	1 1/2	C		!	50.00	2	Rod 🔀
Pony Rod Guided	M	7/8	D Spec KD	Norris	D90	2.00	1	Rod 🔄
Back off coupling	關	1 1/2	1			0.62	1	Other 🗵
Rod Insert Pump w/san div	E	1 3/4				24.00	1	Rod Pump 😴
Gas Anchor/Dip Tube	ក្រ	1 1/4	· · · · · · · · · · · · · · · · · · ·		}	1.00	1	Other 🕃

### Figure 2: rod components

- 12. Surface equip with existing 912-365-168, operate at current 8 SPM with 170" stroke (maxed out Design, which will pump the well down)
- 13. Place well on test.
- 14. ConocoPhillips Maintenance Lead Mario Corral (575) 704-2209

# Proposed Rod and Tubing Configuration RUBY FEDERAL 10

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VERTICAL - Original Hole	, 7/23/2014 9:29:34 AM	Tubing Description	Set Depth (ftKB)				
D. /ff		Proposed Tubing - Production Protection Service Processes Received Lace on Sevier Books and Processes Processes	6,745.9				
Killing	Vertical schematic (proposed)	Nominal Nominal Nominal District Grad	le Len (ft) - Len (ftKB) -				
2-3; Casing Hanger (Fluwd), 8 58, 8,097:	3-1: Polished Bod	167 Tubing 2 7/8 2.441 6.50 J-55	5,272.30 5,286.3				
14.0, 1.85 14.0,	SM; 1 1/2; -2.7;	1 Tubing Marker Sub 27/8 2441 6.50 J 55	8 10 5 294 4				
	3-2; Sucker Rod;	2 Tubing 2 7/8 2.441 6.50 J-55	62.92 5,357.3				
**************************************	7/8; 23.3; 10.00	1 Anchor 51/2 X 27/8 4995 2441	2 70 5360.0				
2 - 5 - 5	7/8; 33.3; 2,650.00	44 Tubing 2 7/8 2.441 6.50 J-55	1,352.32 6,712.4				
2-7 Casing Joints: 8 548; 8 097; 597.3; 43.44 	//3-1; Tubing; 2 7/8; //2.441; 14.0;	SS 31 Bressure Drainw/4K 31 39 2 7/8	0.90 2 6.7133				
	5,272.30	= psi ceramic disk					
5,300.10	3/4; 2,683.3;	1 Tubing TK 99 2 7/8 2.441 6.50 J-55	31.54 6,744.8				
	3,750.00	1 Rump Seating Nipple 27/8 2/280	6,745.9				
Performed; 3,503 0-3,508 0, 11/9/2013 Performed; 3,544 0-3,551 0, 11/9/2013	(1) (1) (1) (1) (1) (1) (1) (1)		a i aantii ali datii mmissii				
Perforated: 3.593.0-3.595 0; 117(92013 Perforance: 3.812.0-3.617.0; 117(92013	3-3; Tubing; 2 7/8;						
Performance: 3.653 0-3.658 0, 11/19/2013	12.441; 5,294.4; 62.92						
Sites	3-4; Anchor 5 1/2 X						
Performand, 3,819.0-3,821.0, 11/18/2013	5,357.3; 2.70						
Performed; 3595.9-3,933.0; 11/92/2013	[] [] [] [] [] [] [] [] [] [] [] [] [] [						
	1,352.32						
Partbrailed; 4,053 0-4,057 0; 11/192013 Partbrailed; 4,064 0-4,057 0; 11/192013	1/2; 6,433.3; 25.00						
Parbrated, 4,079 0-4,086 0; 11/192013							
	6,458.3; 2.00						
	1/2; 6,460.3; 50.00	Rod Description	Set Depth (ftKB)				
- mer Parlomited; 4,780.0-4,780.0, 11/16/2013		-:					
Parforated: 4,819,0-4,830 0; 11/18/2013 Periloated: 4,855,0-4,868,0, 11/18/2013		1 Polished Rod SM 11/2	26.00 23.3				
Participate: 5,000 D-5,008 0, 11/14/2013	1/2; 6,512.3; 50.00	1 Sticker Röder and Statistics and Statistics and SPC	1000 55 55 5333				
Perforated; 5,042.0:5,052.0; 1/14/2013 Portorated; 5,043.0:5,093.0; 1/14/2013	3-10, Pony Rod 의 회원 - Guided; 7/8;	APP					
Performed, 5.127.0-5,137.9, 11/14/2013	6,562.3; 2.00	107 Sucker Rod 7/8 SPCL	2,650.00 2,683.3				
	I III MARIULI III III SINKELBAR II						
Performande, 5,172 0-5,184.0; 11/14/2013	3-11; Sinker Bar; 1 1/2; 6,564.3; 50.00	APP					
10001         1001 <t< td=""><td>3-11; Sinker Bar, 1 1/2; 6,564.3; 50.00 3-12; Pony Rod 3-12; Pony Rod Guided; 7/8;</td><td>APP</td><td>3,750(00) 6,433,3</td></t<>	3-11; Sinker Bar, 1 1/2; 6,564.3; 50.00 3-12; Pony Rod 3-12; Pony Rod Guided; 7/8;	APP	3,750(00) 6,433,3				
amin	3-11; Sinker Bar; 1 172; 6;564.3; 50.00 3-12; Pony Rod Guided; 7/8; 6;614.3; 2.00 4; 1; 3-13; Sinker Bar; 1	APP 150 Sucker Red 3/4 SPCL APR	: 3750100 				
Limit         Professional 5.172 0.5.184 (1114/2013)           Professional 5.272 0.5.216 (1114/2013)         Professional 5.272 0.5.216 (1114/2013)           Itami         Professional 5.272 0.5.216 (1114/2013)           Itami         Biology Proj. Temporary 5.5.307 0.5.3150           1.111         Stational Sta	3-11; Sinker Bar; 1 1/2; 6;564.3; 50.00 3-12; Pony Rod Guided; 7/8; 6;614.3; 2.00 3-13; Sinker Bar; 1 1/2; 6;616.3; 50.00	150 Sucker Rod 1 Sinker Bar 1 Sinker Bar 1 1/2 C	3.750(00 25.00 6,458.3				
1mm         Performed: 5.120 0.5.184 (1714/2013)           1mm         Performed: 5.220 0.5.2316 (1714/2013)           1mm         Bodgs/Puig: Temporty 5.5.307 0.5.316 (1714/2013)           1mm         S.150           1mm         Performed: 5.220 0.5.2316 (1714/2013)           1mm         Performed: 5.210 0.5.2317 (1714/2013)           1mm         Performed: 5.100 0.5.151 (1714/2013)           1mm         Performed: 5.312 0.5.361 0.600012           1mm         Performed: 5.320 0.5.451 0.600012           1mm         Performed: 5.322 0.5.261 0.600012           1mm         Performed: 5.322 0.5.261 0.600012	3-11; Sinker Bar; 1 1/2; 6;564.3; 50.00 3-12; Pony Rod Guided; 7/8; 6,614.3; 2.00 3-13; Sinker Bar; 1 1/2; 6;616.3; 50.00 3-14; Pony Rod Cuided; 7/8; 6,616.3; 50.00 3-14; Pony Rod	APP 150 Sucker Rod - 1 Sinker Bar 1 D Spec KD	3.750 00 25.00 6.458.3 .200 6.460 3				
Image: State	3-11; Sinker Bar; 1 1/2; 6; 564.3; 50.00 3-12; Pony Rod Guided; 7/8; 6, 614.3; 2.00 3-13; Sinker Bar; 1 1/2; 6; 616.3; 50.00 1/2; 6; 616.3; 50.00 1/2; 6; 616.3; 50.00 1/2; 6; 616.3; 50.00 1/2; 6; 616.3; 2.00 3-14; Pony Rod E, 6; 6; 6; 2.00 3-15; Sinker Bar; 1	150     Sucker Rod     3/4     SPCL       1     Sinker Bar     1 1/2     C       1     Pony Rod Guided     7/8     D Spec       2     Sinker Bar     1 1/2     C	375000 6,433,3 25.00 6,458,3 .200 6,458,3				
1971	3-11; Sinker Bar; 1 1/2; 6;564.3; 50.00 3-12; Pony Rod Guided; 7/8; 6;614.3; 2.00 3-13; Sinker Bar; 1 1/2; 6;616.3; 50.00 3-14; Pony Rod Guided; 7/8; 6;666.3; 2.00 3-15; Sinker Bar; 1 1/2; 6;688.3; 50.00 3-6; Pressure	150       Sucker Rod       3/4       SPP         1       Sinker Bar       1 1/2       C         1       Bony Rod Güided       7/8       D.Spec         2       Sinker Bar       1 1/2       C         1       Pony Rod Güided       7/8       D.Spec         2       Sinker Bar       1 1/2       C         1       Pony Rod Güided       7/8       D.Spec	3.750100 25.00 6,458.3 .200 6,458.3 50.00 6,460.3 50.00 6,510.3				
Image: State	3-11; Sinker Bar, 1 1/2; 6; 564.3; 50.00 3-12; Pony Rod Guided; 7/8; 6; 614.3; 2.00 3-13; Sinker Bar; 1 1/2; 6; 616.3; 50.00 3-14; Pony Rod Guided; 7/8; 6; 666.3; 2.00 3-15; Sinker Bar; 1 1/2; 6; 663.3; 50.00 3-14; Pony Rod Guided; 7/8; 6; 6; 6; 3; 50.00 3-15; Sinker Bar; 1 1/2; 6; 6; 3; 50.00 3-15; Sinker Bar; 1 1/2; 6; 6; 3; 50.00 3-6; Pressure Drainw/4k psi	150       Sucker Rod       3/4       SPP         150       Sucker Rod       3/4       SPCL         1       Sinker Bar       1 1/2       C         1       Rony Rod Guided       7/8       D Spec         2       Sinker Bar       1 1/2       C         1       Rony Rod Guided       7/8       D Spec         1       Rony Rod Guided       7/8       D Spec	3.750100 25.00 6,433.3 25.00 6,458.3 6,458.3 6;460.3 50.00 6,510.3 2200 6,512.3				
Image: Source	3-11; Sinker Bar; 1 1/2; 6;564.3; 50.00 3-12; Pony Rod Guided; 7/8; 6;614.3; 2.00 3-13; Sinker Bar; 1 1/2; 6;616.3; 50.00 3-14; Pony Rod Guided; 7/8; 6;666.3; 2.00 3-15; Sinker Bar; 1 1/2; 6;68.3; 50.00 3-6; Pressure Drainw/4k psi ceramic disk; 2 7/8; 6;712.4; 0.90	150Sucker Rod3/4APP150Sucker Rod3/4SPEL1Sinker Bar1 1/2C1Rony Rod Guided7/8D.Spec2Sinker Bar1 1/2C1Pony Rod Guided7/8D.Spec2Sinker Bar1 1/2C2Sinker Bar1 1/2C2Sinker Bar1 1/2C	3.750(00) 55.00 50.00 50.00 6,458.3 6,458.3 6,458.3 6,460(3) 6,460(3) 6,510.3 5,000 6,510.3 5,000 6,552.3 5,000 6,550.5 6,55				
amin         Produced S AT 20 5, 145 (174,201)           amin         Produced S 200 5, 214 (174,201)           amin         Produced S 200 5, 210 (174,201)           amin         Produced S 200 5, 200 (174,201)           amin         Produced S 200 5, 200 (174,201)           amin         Produced S 200 5, 200 (176, 102)           amin         Produced S 200 5, 4100 (170, 102)           amin         Produced S 200 5, 4200 (170, 102)           amin         Produced S 200 5, 4200 (170, 102)           amin         Produced S 200 4, 200 5, 4200 (120, 102)           amin         Produced S 200 4, 200 5, 4200 (120, 102)	3-11; Sinker Bar, 1 1/2; 6; 6643; 50.00 3-12; Pony Rod Guided; 7/8; 6; 6143; 2.00 3-13; Sinker Bar, 1 1/2; 6; 6163; 50.00 3-14; Pony Rod Guided; 7/8; 6; 6666, 3; 2.00 3-15; Sinker Bar, 1 1/2; 6; 668, 3; 50.00 3-6; Pressure Drainw/Ak psi ceramic disk; 2 7/8; 6; 712, 4; 0.90 3-16; Pony Rod Guided; 7/8;	150       Sucker Rod       3/4       SPP         1       Sinker Bar       1 1/2       C         1       Pony Rod Guided       7/8       D Spec         2       Sinker Bar       1 1/2       C         1       Pony Rod Guided       7/8       D Spec         2       Sinker Bar       1 1/2       C         1       Pony Rod Guided       7/8       D Spec         2       Sinker Bar       1 1/2       C         1       Pony Rod Guided       7/8       D Spec         2       Sinker Bar       1 1/2       C         1       Pony Rod Guided       7/8       D Spec	3.750100 25.00 6,433.3 225.00 6,458.3 6;460 <sup>1</sup> 3 50.00 6,510.3 50.00 6,512.3 50.00 6,562.3 50.00 6,562.3				
Image: State	3-11; Sinker Bar, 1 1/2; 6;564.3; 50.00 3-12; Pony Rod Guided; 7/8; 6;614.3; 2.00 3-13; Sinker Bar, 1 1/2; 6;616.3; 50.00 3-14; Pony Rod Guided; 7/8; 6;666.3; 2.00 3-15; Sinker Bar, 1 1/2; 6;688.3; 50.00 3-6; Pressure Drainw/4k psi ceramic disk; 27/8; 6;712.4; 0.90 3-16; Pony Rod Guided; 7/8; 6;712.4; 0.90 3-16; Pony Rod Guided; 7/8; 6;712.4; 0.90 3-16; Pony Rod Guided; 7/8; 6;712.4; 0.90	150       Sucker Rod       3/4       SPP         1       Sinker Bar       1 1/2       C         1       Bony Rod Guided       7/8       D Spec         2       Sinker Bar       1 1/2       C         1       Rony Rod Guided       7/8       D Spec         2       Sinker Bar       1 1/2       C         1       Rony Rod Guided       7/8       D Spec         2       Sinker Bar       1 1/2       C         1       Pony Rod Guided       7/8       D Spec         2       Sinker Bar       1 1/2       C         1       Pony Rod Guided       7/8       D Spec	3.750100 25.00 6.433.3 .200 50.00 6.458.3 2200 6.46013 6.46013 50.00 6.510.3 2200 6.510.3 2200 6.512.3 50.00 6.562.3 50.00 6.564.3				
Image: State of the s	3-11; Sinker Bar, 1 1/2; 6;564.3; 50.00 3-12; Pony Rod Guided; 7/8; 6;614.3; 2.00 3-13; Sinker Bar; 1 1/2; 6;616.3; 50.00 3-14; Pony Rod Guided; 7/8; 6;666.3; 2.00 3-15; Sinker Bar, 1 1/2; 6;688.3; 50.00 3-15; Sinker Bar, 1 1/2; 6;688.3; 50.00 3-15; Sinker Bar, 1 1/2; 6;688.3; 50.00 3-15; Sinker Bar, 1 1/2; 6;688.3; 50.00 3-16; Pony Rod Guided; 7/8; 6;712.4; 0.90 3-16; Pony Rod Guided; 7/8; 6;718.3; 2.00 3-17; Back off coupling; 1 1/2;	150Sucker Rod3/4SPCL150Sucker Rod3/4SPCL1Sinker Bar11/2C1Rony Rod Guided7/8D Spec2Sinker Bar11/2C1Rony Rod Guided7/8D Spec2Sinker Bar11/2C1Rony Rod Guided7/8D Spec2Sinker Bar11/2C1Pony Rod Guided7/8D Spec2Sinker Bar11/2C2Sinker Bar11/2C	3.750100 25.00 6.433.3 25.00 6.458.3 2200 6.510.3 2200 6.510.3 2200 6.562.3 2200 6.564.3 200 6.564.3 200 6.564.3				
Image: Program (1)         Image: Program (2)         Image:	3-11; Sinker Bar, 1 172; 6,564.3; 50.00 3-12; Pony Rod Guided; 7/8; 6,614.3; 2.00 3-13; Sinker Bar; 1 1/2; 6,616.3; 50.00 3-14; Pony Rod Guided; 7/8; 6,666.3; 2.00 3-15; Sinker Bar; 1 1/2; 6,666.3; 50.00 3-14; Pony Rod Guided; 7/8; 6,666.3; 50.00 3-15; Sinker Bar; 1 1/2; 6,668.3; 50.00 3-16; Pressure Drainw/4k psi ceramic disk; 2 7/8; 6,712.4; 0.90 3-16; Pony Rod Guided; 7/8; 6,718, 3; 2.00 3-17; Back off coupling; 1 1/2; 6,720.3; 0,62 3-7; Tubing TK 99;	150       Sucker Rod       3/4       SPP         1       Sinker Bar       1 1/2       C         1       Röny Röd Guided       7/8       D Spec         2       Sinker Bar       1 1/2       C         1       Pöny Röd Guided       7/8       D Spec         2       Sinker Bar       1 1/2       C         1       Pöny Röd Guided       7/8       D Spec         2       Sinker Bar       1 1/2       C         1       Pöny Röd Guided       7/8       D Spec         2       Sinker Bar       1 1/2       C         1       Regin Ker Bar       1 1/2       C         2       Sinker Bar       1 1/2       C         3       Regin Ker Bar       1 1/2       C	3.750(00 25.00 6,458.3 22.00 6,458.3 22.00 6,510.3 22.00 6,510.3 22.00 6,512.3 22.00 6,562.3 22.00 6,562.3 22.00 6,564.3 20.00 6,614.3 2.00 6,614.3 2.00 6,616.3				
1873         Performed, 577 0.5, 184 (174, 020)           1874         Performed, 522 0.5, 223 (174, 201)           1874         Performed, 522 0.5, 223 (174, 201)           1874         Performed, 522 0.5, 233 (174, 201)           1874         Performed, 522 0.5, 237 (174, 201)           1874         Performed, 522 0.5, 237 (174, 201)           1874         Performed, 522 0.5, 237 (174, 201)           1874         Performed, 523 0.5, 247 (164, 200)           1874         Performed, 531 0.5, 247 (164, 200)           1874         Performed, 5310.5, 247 (164, 200)	3-11; Sinker Bar, 1           1/2; 6,564.3; 50.00           3-12; Pony Rod           Guided; 7/8;           6,614.3; 2.00           3-13; Sinker Bar, 1           1/2; 6,616.3; 50.00           3-14; Pony Rod           Guided; 7/8;           6,666.3; 2.00           3-15; Sinker Bar, 1           1/2; 6,668.3; 50.00           3-6; Pressure           Drainw/4k psi           ceramic disk; 27/8;           6,712.4; 0.90           3-16; Pony Rod           Guided; 7/8;           6,718.3; 2.00           3-17; Back off           couping; 1 1/2;           6,720.3; 0.62           3-7; Tubing TK 99;           2; 7/8; 2.441;           6,713.3; 154	150Sucker Rod3/4SPC1Sinker Bar1 1/2C1Röny Röd Güided7/8D Spec2Sinker Bar1 1/2C1Pöny Röd Güided7/8D Spec2Sinker Bar1 1/2C1Röny Röd Güided7/8D Spec2Sinker Bar1 1/2C	3.750100 25.00 6.433.3 22.00 6.458.3 2200 6.46013 50.00 6.510.3 2200 6.512.3 50.00 6.562.3 2200 6.562.3 50.00 6.564.3 50.00 6.614.3 2.00 6.616.3				
Image: State of the s	3-11; Sinker Bar, 1           1/2; 6,564.3; 50.00           3-12; Pony Rod           Guided; 7/8;           6,614.3; 2.00           3-13; Sinker Bar, 1           1/2; 6,616.3; 50.00           3-14; Pony Rod           Guided; 7/8;           6,666.3; 2.00           3-15; Sinker Bar, 1           1/2; 6,688.3; 50.00           3-6; Pressure           Drainw/Ak psi           ceramic disk; 2 7/8;           6,712.4; 0.90           3-16; Pony Rod           Guided; 7/8;           6,712.4; 0.90           3-16; Pony Rod           Guided; 7/8;           6,712.4; 0.90           3-16; Pony Rod           Guided; 7/8;           6,712.4; 0.90           3-17; Back off           coupling; 1 1/2;           6,720.3; 0.62           2-7/8; 2.441;           6,713.3; 31.54           3-18; Rod Insert	150Sucker Rod3/4SPP1Sinker Bar1 1/2C1Röny Rod Güided7/8D Spec2Sinker Bar1 1/2C1Röny Rod Güided7/8D Spec2Sinker Bar1 1/2C1Röny Rod Güided7/8D Spec2Sinker Bar1 1/2C1Pony Rod Güided7/8D Spec2Sinker Bar1 1/2C1Röny Rod Güided7/8D Spec2Sinker Bar1 1/2C2Sinker Bar1 1/2C2Sinker Bar1 1/2C2Sinker Bar1 1/2C	3.750100 25.00 6.433.3 .200 6.458.3 .200 6.460.3 .200 6.510.3 .200 6.510.3 .200 6.512.3 .200 6.562.3 .200 6.564.3 .200 6.564.3 .200 6.664.3 .200 6.666.3				
Image: State of	3-11; Sinker Bar, 1           1/2; 6,564.3; 50.00           3-12; Pony Rod           Guided; 7/8;           6,614.3; 2.00           3-13; Sinker Bar; 1           1/2; 6,616.3; 50.00           3-13; Sinker Bar; 1           1/2; 6,616.3; 50.00           3-15; Sinker Bar; 1           1/2; 6,668.3; 2.00           3-6; Pressure           Drainw/4k psi           ceramic disk; 2 7/8;           6,712.4; 0.90           3-16; Pony Rod           Guided; 7/8;           6,718.3; 2.00           3-16; Pony Rod           Guided; 7/8;           6,718.3; 2.00           3-7; Tubing TK 99;           27/8; 2.441;           6,713.3; 31.54           3-8; Rod Insert           Pump wisan           diverter; 1 3/4;	150Sucker Rod3/4SPCL1Sinker Bar11/2C1Rony Rod Guided7/8D Spec2Sinker Bar11/2C1Rony Rod Guided7/8D Spec2Sinker Bar11/2C1Rony Rod Guided7/8D Spec2Sinker Bar11/2C1Pony Rod Guided7/8D Spec2Sinker Bar11/2C1Rony Rod Guided7/8D Spec2Sinker Bar11/2C1Rony Rod Guided7/8D Spec2Sinker Bar11/2C1Rony Rod Guided7/8D Spec2Sinker Bar11/2C3Sinker Bar11/2C4Rony Rod Guided7/8D Spec4Rony Rod Guided7/8D Spec	3.750100       6.433.3         25.00       6.458.3         25.00       6.458.3         .2100       6.460.3         50.00       6.510.3         .2200       6.512.3         50.00       6.562.3         .200       6.564.3         .200       6.564.3         .200       6.614.3         .200       6.666.3         .200       6.666.3         .200       6.666.3				
1.001         Performed, 5.022,0.41,01 (1970)           1.001         Performed, 5.02,0.41,01 (1970)           1.001         Performed, 5.01,0.6,00012           Performed, 5.01,0.6,00012         Performed, 5.01,0.6,00012           Performed, 6.01,0.6,00012         Performed, 5.01,0.6,00012           Performed, 6.01,0.6,00012         Performed, 6.01,0.6,00012           Performed, 6.01,0.6,00012         Performed, 6.01,0.6,00012           Performed, 6.01,0.6,00012         Performed, 6.01,0.6,00012           Performed, 6.01,0.6,00012         Performed, 6.01,0.6	3-11; Sinker Bar, 1           1/2; 6,564.3; 50.00           3-12; Pony Rod           Guided; 7/8;           6,614.3; 2.00           3-13; Sinker Bar; 1           1/2; 6,616.3; 50.00           3-13; Sinker Bar; 1           1/2; 6,616.3; 50.00           3-13; Sinker Bar; 1           1/2; 6,666.3; 2.00           3-6; Pressure           Drainw/4k psi           ceramic disk; 27/8;           6,712.4; 0.90           3-16; Pony Rod           Guided; 7/8;           6,712.4; 0.90           3-17; Back off           coupling; 1 1/2;           6,720.3; 0.62           2-7; Tubing TK 99;           2-7/8; 2.441;           6,713.3; 31.54           3-18; Rod Insert           Pump wisan           diverter; 1 3/4;           3-8; Pump Seating	150Sucker Rod3/4APP1Sinker Bar1 1/2C1Rony Rod Guided7/8D Spec2Sinker Bar1 1/2C1Pony Rod Guided7/8D Spec2Sinker Bar1 1/2C1Rony Rod Guided7/8D Spec2Sinker Bar1 1/2C1Rony Rod Guided7/8D Spec4Rony Rod Guided7/8D Spec4Rony Rod Guided7/8D Spec	3.750(00)       6.433.3         25.00       6.458.3         25.00       6.458.3         .200       6.460.3         50.00       6.510.3         .200       6.512.3         .200       6.562.3         .200       6.564.3         .200       6.564.3         .200       6.616.3         .200       6.666.3         .200       6.666.3         .200       6.666.3				
Image: Proj. Temporeny, 5:3307           Image: Proj.	3-11; Sinker Bar, 1         1/2; 6,564.3; 50.00         3-12; Pony Rod         Guided; 7/8;         6,614.3; 2.00         3-13; Sinker Bar, 1         1/2; 6,616.3; 50.00         3-14; Pony Rod         Guided; 7/8;         6,666.3; 2.00         3-15; Sinker Bar, 1         1/2; 6,668.3; 50.00         3-6; Pressure         Drainw/4k psi         ceramic disk; 27/8;         6,712.4; 0.90         3-17; Back off         coupling; 1 1/2;         6,713.3; 31.54         3-18; Rod Insert         Pump w/san         diverter; 1 3/4;         6,720.9; 24.00         3-8; Pump Seating         Nicple; 2 7/8; 2.20;	150Sucker Rod3/4APP1Sinker Bar1 1/2C1Rony Rod Guided7/8D Spec2Sinker Bar1 1/2C1Pony Rod Guided7/8D Spec2Sinker Bar1 1/2C1Rony Rod Guided7/8D Spec2Sinker Bar1 1/2C1Rony Rod Guided7/8D Spec2Sinker Bar1 1/2C2Sinker Bar1 1/2C2Sinker Bar1 1/2C3Sinker Bar1 1/2C4Rony Rod Guided7/8D Spec2Sinker Bar1 1/2C	3.750(00)       6.433.3         25.00       6.458.3         25.00       6.458.3         .200       6.460.3         50.00       6.510.3         .200       6.512.3         .200       6.512.3         .200       6.562.3         .200       6.564.3         .200       6.614.3         .200       6.616.3         .200       6.666.3         .200       6.666.3         .200       6.666.3         .200       6.6668.3         .200       6.6668.3         .200       6.6668.3				
1.001         Performed, 5.072 0, 3.14,5 (17) 40(2) 0           1.001         Performed, 5.022 0, 5.21,6 (17) 40(2) 0           1.001         Performed, 5.022 0, 5.21,6 (17) 40(2) 0           1.001         Performed, 5.020 0, 5.11,6 (5000) 1           1.001         Performed, 5.020 0, 5.11,6 (5000) 1           1.001         Performed, 5.010 0, 5.10,6 (6000) 1           1.001         Performed, 5.010 0, 5.000 0, 6000 10           1.001         Performed, 6.010 0, 5.000 0, 6000 10           1.001         Performed, 6.010 0, 5.000 0, 6000 10           1.001         Performed, 6.010 0, 6.000 10           1.00	3-11; Sinker Bar, 1         1/2; 6,564.3; 50.00         3-12; Pony Rod         Guided; 7/8;         6,614.3; 2.00         3-13; Sinker Bar, 1         1/2; 6,616.3; 50.00         3-14; Pony Rod         Guided; 7/8;         6,666.3; 2.00         3-15; Sinker Bar, 1         1/2; 6,668.3; 50.00         3-15; Sinker Bar, 1         1/2; 6,668.3; 50.00         3-15; Sinker Bar, 1         1/2; 6,668.3; 50.00         3-16; Pony Rod         Guided; 7/8;         6,712.4; 0.90         3-16; Pony Rod         Guided; 7/8;         6,712.4; 0.90         3-16; Pony Rod         Guided; 7/8;         6,712.4; 0.90         3-17; Back off         coupling; 1 1/2;         6,720.3; 0.62         3-7; Tubing TK 99;         2 7/8; 2.441;         6,713.3; 31.54         3-18; Rod Insert         Pump wsan         diverter; 13/4;         6,720.9; 24.00         3-8; Pump Seating         Nipple; 2 7/8; 2.280;         6,744.8; 1.10         3-19; Gas	150Sucker Rod3/4SPE1Sinker Bar1 1/2C1Röny Rod Güided7/8D Spec2Sinker Bar1 1/2C1Röny Rod Güided7/8D Spec2Sinker Bar1 1/2C1Röny Röd Güided7/8D Spec2Sinker Bar1 1/2C1Pöny Röd Guided7/8D Spec2Sinker Bar1 1/2C1Pöny Röd, Guided7/8D Spec	3.750100       6.433.3         25.00       6.458.3         25.00       6.458.3         .200       6.460.3         50.00       6.510.3         2200       6.512.3         50.00       6.562.3         50.00       6.564.3         50.00       6.664.3         50.00       6.614.3         50.00       6.666.3         2.00       6.666.3         50.00       6.718.3         50.00       6.718.3				
Image: State of	3-11; Sinker Bar, 1           1/2; 6,564.3; 50.00           3-12; Pony Rod           Guided; 7/8;           6,614.3; 2.00           3-13; Sinker Bar, 1           1/2; 6,616.3; 50.00           3-14; Pony Rod           Guided; 7/8;           6,666.3; 2.00           3-15; Sinker Bar, 1           1/2; 6,668.3; 50.00           3-6; Pressure           Drainw/Ak psi           ceramic disk; 2 7/8;           6,712.4; 0.90           3-16; Pony Rod           Guided; 7/8;           6,712.4; 0.90           3-16; Pony Rod           Guided; 7/8;           6,712.4; 0.90           3-16; Pony Rod           Guided; 7/8;           6,712.4; 0.90           3-17; Back off           coupling; 1 1/2;           6,720.3; 0.62           3-7; Tubing TK 99;           27/8; 2.441;           6,713.3; 31.54           3-18; Rod Insert           Pump w/san           Giverter; 1 3/4;           6,720.9; 24.00           3-8; Pump Seating           Nipple; 2.76; 2.280;           6,744.8; 1.10           3-19; Gas           Anchor/Dip	150Sucker Rod3/4SPCL APP1Sinker Bar11/2C1Rony Rod Guided7/8D Spec2Sinker Bar11/2C1Rony Rod Guided7/8D Spec2Sinker Bar11/2C1Pony Rod Guided7/8D Spec2Sinker Bar11/2C1Pony Rod Guided7/8D Spec2Sinker Bar11/2C1Rony Rod Guided7/8D Spec4Rony Rod Guided7/8D Spec	3.750100       6.433.3         25.00       6.458.3         25.00       6.458.3         200       6.460.3         50.00       6.510.3         200       6.512.3         50.00       6.562.3         200       6.564.3         50.00       6.664.3         50.00       6.666.3         50.00       6.6668.3         50.00       6.6668.3         50.00       6.6668.3         50.00       6.6668.3         50.00       6.718.3         200       6.720.3         200       6.720.3				
1         Performed, 5 372 0, 5 142 (17) 40203           1         Performed, 5 220 0, 523 0, 17) 40203           1         Performed, 5 220 0, 523 0, 17) 40203           1         Performed, 5 220 0, 523 0, 17) 40203           1         Performed, 5 220 0, 523 0, 17) 40203           1         Performed, 5 220 0, 523 0, 17) 40203           1         Performed, 5 220 0, 523 0, 17) 40203           1         Performed, 5 220 0, 523 0, 17) 40203           1         Performed, 5 20 0, 523 0, 520	3-11; Sinker Bar, 1 1/2; 6;564.3; 50.00 3-12; Pony Rod Guided; 7/8; 6;614.3; 2.00 3-13; Sinker Bar; 1 1/2; 6;616.3; 50.00 3-14; Pony Rod Guided; 7/8; 6;666.3; 2.00 3-15; Sinker Bar, 1 1/2; 6;686.3; 50.00 3-15; Sinker Bar, 1 1/2; 6;686.3; 50.00 3-15; Sinker Bar, 1 1/2; 6;686.3; 50.00 3-16; Pony Rod Guided; 7/8; 6;712.4; 0.90 3-16; Pony Rod Guided; 7/8; 6;718.3; 2.00 3-17; Back off coupling; 1 1/2; 6;720.3; 0.62 3-7; Tubing TK 99; 2:7/8; 2:441; 6;713.3; 31.54 3-18; Rod Insert Pump wisan diverter; 1 3/4; 6;724.4; 1:10 3-8; Pump Seating Nipple; 2:7/8; 2.280; 6;744.8; 1:10 3-19; Gas Anchor/Dip Tube; 1 1/4; 6;744.9; 1.00	APP150Sucker Rod3/41Spect1Sinker Bar1I/22Sinker Bar1I/22Sinker Bar1Pony Rod Guided2Sinker Bar1I/22Sinker Bar1Pony Rod Guided2Sinker Bar1Pony Rod Guided1Pony Rod Guided <td>3.750(00)       6.433.3         25.00       6.458.3         25.00       6.458.3         200       6.460.3         50.00       6.510.3         200       6.512.3         50.00       6.562.3         200       6.564.3         50.00       6.664.3         50.00       6.666.3         200       6.666.3         200       6.666.3         200       6.718.3         200       6.720.3</td>	3.750(00)       6.433.3         25.00       6.458.3         25.00       6.458.3         200       6.460.3         50.00       6.510.3         200       6.512.3         50.00       6.562.3         200       6.564.3         50.00       6.664.3         50.00       6.666.3         200       6.666.3         200       6.666.3         200       6.718.3         200       6.720.3				

30-025-40507 Form C-102 State of New Mexico DISTRICT I Revised October 12, 2005 1625 N. French Dr., Hobbs, KH 86240 Energy, Minerals & Natural Resources Department Submit to Appropriate District Office OIL CONSERVATION DIVISION HOBBS OCD State Lease - 4 Copies DISTRICT II Fee Lease - 3 Copies 1301 W. Grand Avanue, Artesia, NH 66210 1220 South St. Frances Dr. DISTRICT III Santa Fe, NM 87505 MAR 2 3 2012 1000 Rio Braxos Ed., Asteo, NM 87410 DISTRICT IV I AMENDED REPORT 1220 S. St. Francia Dr., Santa Fo, NM 87505 RECEIVED WELL LOCATION AND ACREAGE DEDICATION PLAT AP1 Number Pool Code Pool Name 2 an( 30-025-1 Uper Well Number Property Code Property Name RUBY FEDERAL 38<u>6</u>53 10 OGRID No. Operator Name Elevation **CONOCOPHILLIPS** 3962 217817 Surface Location Range Feet from the North/South line East/West line UL or lot No. Section Township Lot Idn Feet from the County 1140 SOUTH EAST 0 17 S 32 E 2310 LEA 18 Bottom Hole Location If Different From Surface Feet from the North/South line UL or lot No. Lot Idn Feet from the East/West line County Section Township Range Dedicated Acres Joint or Infill Consolidation Code Order No. 40 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 NOTE: OPERATOR CERTIFICATION Plane Coordinates shown hereon ore Transverse Mercotor Grid and Conform to the "New Mexico Coordinate System", New Mexico East Zone; North American Datum of 1927. Distances shown hereon are mean horizontal surface volues. 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 of has a right to drill this well at the 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. Signature Rhonda Rogers Printed Name  $\begin{array}{rll} \underline{Plone} & \underline{Coordinate} \\ X &= & 662,528.2 \\ Y &= & 665,230.2 \end{array}$ rogerrs@conocophillips.com Email Address 3966.5 3963.8 2310' 3954.6 3960.4 1140 יועו נטווטוויי

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DISTRICT II 1801 W. Grand Avenue, Artesis, NM 08210

# Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Frances Dr. Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

State of New Mexico

Form C-102 Revised October 12, 2005 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT III 1000 Rio Braxos Rd., Astso, NM 67410

DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 □ AMENDED REPORT

API Number	5017	Pool Code Pool Name NT 44500 Malianne VESS WEST			VC.C+				
Property Code 38453		Property Name RUBY FEDERAL					Tell Number		
OGRID No. 217817		Operator Name CONOCOPHILLIPS				Bievatio 396	Blevation 3962		
	•		<b>V</b>	Surfac	e Loca	ation		•	·
UL or lot No. Section	Township	Range	Lot Idn	Fest fro	m the	North/South lins	Feet from the	East/West line	County
0 18	17 5	32 E			40	SOUTH	2310	EAST	LEA
		Bottom	Hole Loc	eation I	f Diffe	rent From Sur	face		<u>.                                    </u>
UL or lot No. Section	Township	Range	Lot Idn	Feet fro	m the	North/South line	Feet from the	East/West line	County
Dedicated Acres Joint or	Infill Co	nsolidation	Code Ord	lər No.				I	<u> </u>
NO ALLOWABLE WILL	BE ASSIONNON	SNED TO I-STANDA	THIS COL RD UNIT	APLETIO HAS BE	N UNT	IL ALL INTERES PROVED BY THE	FS HAVE BEEN E DIVISION	CONSOLIDATE	D OR A
NOTE: 1) Plane Coordinates show Mercator Grid and Conforr Coordinate System", New American Datum of 1927. are mean horizontal surfa	n hereon are n to the "Ne Mexico East 7 Distonces sh ce values.	Transverse # Mexico Zone, North own hereon 3963.8' 3960.4'	$\begin{array}{c} Plane Coor \\ X = 662.5 \\ Y = 666.2 \\ Y = 666.4 \\ \hline 0 \\ \hline 0 \\ \hline 1 \\ \hline 0 \\ \hline 1 \\ \hline 0 \\ \hline 1 $	dinote 528.2 230.2 1 3966.5'	231	0,	OPERAT I hereby certify the Darb the best of say breakings werting statest or values bettom hills location or has a central with an owner charden with an owner charden with a construction OMANULA Signature OMANULA Signature OMANULA Signature Distance Surveys Supervison and correct to the Septer Date of Surveys Signature & S Signature & S W.O. N Certification Networks Signature & S	OR CERTIFICA vernation contained hereis to tra- and betty, and that this expenden- ed betty, and that this expenden- ed betty, and that this expenden- a right to drift this well at this to a right to drift this well at this of such a misered or verting to a computery positivy order he Date MALUM Date MALUM That the well location to possible from field made by me or d that the same is e best of my better mber 14, 201 y cal of Professional MACON McDONALE MACON McDONALE	TION as and compiles to here stillar evens a why the propert action person to inderest, or is a relative entered by 244/12 FION on shown notes of under my true and 1 JCC Surveyor

# BLM - Downhole Commingling Worksheet Operator: ConocoPhillips Company Lease/Well Name/Location: NMLC029405B/ Ruby Federal #10/ UL O, Sec. 18, 17S, 32E Data Formation One Formation Two Formation Three Estimated Combined Production Pool Name Maljamar;Grayburg-San Andres NA Maljamar; Yeso West - Pool Code 38653 - 44500 -

Pool Name	San Andres	Waljamar, reso west	
Pool Code	38653	 44500	
State Form C-102 with dedicated acres provided	Yes	 Yes	
Formation Name	Grayburg-San Andres	 Yeso	
Top & Bottom of Pay Section ( <u>perforated</u> or open-hole interval)	3503 – 5235'	 5382 – 6717'	
Method of production	Artificial Lift	 Artificial Lift	
Bottom Hole Pressure (Pinitial, reservoir & Pbottom hole, current)	Pi,r = 1733 Pbh = 800 psi (Based on Ruby Fed 8 downhole pressure gauge)	 Pi,r = 2600 Pbh = 1200 psi (Based on Yeso fluid level after well has been shut-in)	
Reservoir Drive mechanism	Combination (Solution gas & water drive)	 Combination (Solution gas & water drive)	
Oil gravity and/or BTU	39 1243	 37 1157	37.8 1223
Average Sulphur Content (Wt%)	0.7069	 0.6261	0.658
Oil Sample Analysis provided	See Field Study	 See Field Study	
Gas Analysis Provided	See Field Study	 See Field Study	
Produced Water Analysis provided	See Field Study	 See Field Study	
H2S present	180 ppm	 510 ppm	431 ppm* (Results show most of the gas production from Yeso; also have a larger percentage of the total production)
Producing, Shut-in or New Zone	Producing	 Shut in below BP	-
Date and Oil/Gas/Water rates of last production	20 bopd/ 27Mcfd / 42wpd /	 28 bopd / 8 Mcfd / 40 bwpd	48 / 35 / 82
Average decline% (provide back up data)	See Field Study	 See Field Study	
Fixed Allocation Percentage	Oil:42% Gas:77%	Oil:58% Gas:23%	

Remarks: \*For H2S calculation used following numbers: GBSA production share (0.4), GOR (1.8 Mcf/Stb), H2S (180 ppm) & Yeso production share (0.6), GOR (4.5), H2S (510 ppm)

Operator Signature:

Date:

Attached Supporting Documents:

State Form C-102 with dedicated Acres Provided

Oil Sample Analysis provided (must be current)

Gas Analysis provided (must be current)

Produced Water Analysis provided (must be current)

Any additional supporting data (i.e. offset well production and decline curves, etc)

## Conditions of Approval Sundry dated 7/24/2014 ConocoPhillips Ruby Federal 10 API 3002540507, T17S-R32E, Sec 18 Aug 4, 2014

- The ongoing Maljamar-Yeso West and Grayburg-San Andres Pool Commingle field study reviewed and Approved by EGF on 7/25/2014 has been accepted by BLM CFO as justification for a downhole pool comingling (DHC) project on the Ruby Federal leases. The Yeso is currently capable of production in paying quantities independently. The Grayburg San Andres cannot be independently developed economically; thus DHC will enhance production and recover additional reserves. This being said, the combined formations should increase field production. The study is work in progress and requires approval to DHC two wells in the Field and indecently produces the Grayburg-San Andres in other wells to establish a typical production type curves.
- 2. Allocation data must be updated for the field and based upon the final conclusions, of the various test wells.
- 3. A subsequent sundry detailing work done and a completion report for the Maljamar-Yeso West and Grayburg-San Andres formation is necessary. Approval is good for 90 days.
- 4. Surface disturbance beyond the originally approved pad must have prior approval.
- 5. Closed loop system required.
- 6. 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.
- 7. Functional  $H_2S$  monitoring equipment shall be on location.
- 8. 2000 (2M) Blow Out Prevention Equipment to be used. All BOPE and workover procedures shall establish fail safe well control. Ram(s) for the work string(s) used is required equipment. Manual BOP closure system including a blind ram and pipe ram(s) designed to close on all (hand wheels) equipment shall be installed regardless of BOP design. Function test the installed BOPE to 500psig when well conditions allow. Related equipment, (choke manifolds, kill trucks, gas vent or flare lines, etc.) shall be employed when needed for reasonable well control requirements.

### EGF 080414