×.		•				ATS	-12-1111
<u>)</u> . {	HOBBS OCD						
-	- 1 2013						
Form 3160-3	FEB 21 2013					APPROV	
(March 2012)			OCD Hobb	9	OMB N Expires O	No. 1004-01 October 31,	137 - 2014
	RECEIVED UNITED STATES				5. Lease Serial No.		······································
	BUREAU OF LAND MAN	IAGEMENT	ſ		NM LC 029405-B	or Tribio	Nomo
	APPLICATION FOR PERMIT TO	DRILL O	REENTER		6. If Indian, Allotee N/A		
la. Type of work:	☑ DRILL	ER			7 If Unit or CA Agreen N/A	· · · ·	ame and No.
lb. Type of Well:	Oil Well Gas Well Other	<b>√</b> Si	ngle Zone 🔲 Multip	ole Zone	8. Lease Name and Ruby Federal #22		36537
	tor ConocoPhillips Company	Xã	217817	30035	-4	1016	
3a. Address P.O. Midla	Box 51810 and, Texas 79710-1810	3b. Phone No 432-688-6	o. (include area code) 913		10. Field and Pool, or Maljamar; Yeso We	• •	44500:
	ll (Report location clearly and in accordance with a	-	nents.*)		11. Sec., T. R. M. or B		irvey or Area
At surface UL	J, Sec. 18, T17S, R32E; 2310' FSL, 2310	FEL			Sec. 18, T17S, R32	2E	
	d. zone UL J, Sec. 18, T17S, R32E; 2310'	FSL, 2310'F	EL		12 County on Davish		13. State
approximately 3	and direction from nearest town or post office* .5 miles south of Maljamar, New Mexico				12. County or Parish Lea		NM
property or lease		16. No. of a 1601.96	acres in lease	17. Spacin 40 acres	ng Unit dedicated to this v s	well	
<ol> <li>Distance from prototo nearest well, drapplied for, on this</li> </ol>	rilling, completed,	19. Proposed Depth         20. BLM/           6935' MD/TVD         ES0085			BIA Bond No. on file 5		
21. Elevations (Sho	w whether DF, KDB, RT, GL, etc.)	22. Approxi	mate date work will sta	rt*	23. Estimated duration	n	
3969' GL		12/15/201			20 days		
		24. Atta					······
- · ·	eted in accordance with the requirements of Onsho by a registered surveyor.	re Oil and Gas			ns form: ons unless covered by an	evisting	hond on file (see
2. A Drilling Plan.			Item 20 above).	-	ins unless covered by an	existing	bond on me (see
	an (if the location is on National Forest System ed with the appropriate Forest Service Office).	Lands, the	5. Operator certific 6. Such other site BLM.		formation and/or plans as	may be i	equired by the
25. Signature	wan B Maunde		(Printed/Typed) n B. Maunder			Date	61/01
	atory Specialist						
Approved by (Signatur	Tel Pames A. Amos	Name	(Printed/Typed)			Dat <b>FE</b>	B 2 0 2013
Title	FIELD MANAGER	Office	CAR	LSBAD F	FIELD OFFICE		
conduct operations th	does not warrant or certify that the applicant hole ereon. al, if any, are attached.	ls legal or equi	-		iject lease which would e		
Title 18 U.S.C. Section	n 1001 and Title 43 U.S.C. Section 1212, make it a c	rime for any p	erson knowingly and v				
(Continued on p	ious or fraudulent statements or representations as			CONTR	OLLED WATER BA	r <b>O</b> ittion	s on page 2)
(Communed off )	Jun 21		,		-	19440n	5 511 pugo 2)
			Ka	2/25	113		
			ADDDAVI		BJECT TO		
	A OFFEN TAN						
	ACHED FOR				UIREMENTS	AND	
CUNDIII	ONS OF APPROVAL				JLATIONS		
			ATTACHE	IJ		٣	ER 27 20

٠

Ì

FEB 27 2013

# Drilling Plan ConocoPhillips Company <u>Maljamar; Yeso, west</u>

# Ruby Federal #22

Lea County, New Mexico

# 1. Estimated tops of geological markers and estimated depths to water, oil, or gas formations:

The ranges of depths for the formation tops, thicknesses, and planned Total Depths for all the wells to be drilled under this Master Drilling Plan are presented in the table below.

The datum for these depths is RKB (which is 13' above Ground Level).

Formations	Top Depths FT MD	Contents
Quaternary	Surface	Fresh Water
Rustler	699	Anhydrite
Salado (top of salt)	869	Salt
Tansill	1868	Gas, Oil and Water
Yates	2077	Gas, Oil and Water
Seven Rivers	2357	Gas, Oil and Water
Queen	3003	Gas, Oil and Water
Grayburg	3431	Gas, Oil and Water
San Andres	3798	Gas, Oil and Water
Glorieta	5266	Gas, Oil and Water
Paddock	5341	Gas, Oil and Water
Blinebry	5703	Gas, Oil and Water
Tubb	6735	Gas, Oil and Water
Deepest estimated perforation	6735	Deepest estimated perf. is ~ Top of Tubb
Total Depth (maximum)	6935	200' below deepest estimated perforation

All of the water bearing formations identified above will be protected by setting of the <u>8-5/8</u> surface casing <u>25' – 70' into the Rustler formation</u> and circulating of cement from casing shoe to surface in accordance with the provisions of Onshore Oil and Gas Order No. 2 and New Mexico Oil Conservation Division Title 19.

The targeted oil and gas bearing formations identified above will be protected by setting of the <u> $5-1/2^{"}$ </u> production casing <u>10' off bottom of TD</u> and circulating of cement from casing shoe to surface in accordance with the provisions of Onshore Oil and Gas Order No. 2 and New Mexico Oil Conservation Division Title 19.

# 2. Proposed casing program:

.1

Туре	Hole Size	м	Interval D RKB (ft)	OD	Wt	Gr	Conn	MIY	Col	Jt Str		Safety Fa lated per Co Corporate (	onocoPhillips
Type	(in)	From	То	(inches)	(lb/ft)		Com	(psi)	(psi)	(klbs)	Burst DF	Collapse DF	Jt Str DF (Tension) Dry/Buoyant
Cond	20	0	40' – 85' (30' – 75' BGL)	16	0.5" wall	В	Line Pipe	N/A	N/A	N/A	NA	NA	NA
Alt. Cond	20	0	40' – 85' (30' – 75' BGL)	13-3/8	48#	H-40	PE	1730	740	N/A	NA	NA	NA
Surf	12-1/4	· 0	724' – 769'	8-5/8	24#	J-55	STC	2950	1370	244	2.68	6.15	1.40
Prod	7-7/8	0	6880' – 6925'	5-1/2	17#	L-80	LTC	7740	6290	338	1.15	2.04	1.40

The casing will be suitable for H<sub>2</sub>S Service.

The surface and production casing will be set approximately 10' off bottom and we will drill the hole with a 45' range uncertainty for casing set depth to fit the casing string so that the cementing head is positioned at the floor for the cement iob.

The production casing will be set 155' to 200' below the deepest estimated perforation to provide rathole for the pumping completion and for the logs to get deep enough to log the interval of interest.

# Casing Design (Safety) Factors - BLM Criteria:

Туре	Depth	Wt	MIY	Col	Jt Str	Drill Fluid	Burst	Collapse	Tensile-Dry	Tens-Bouy
Surface Casing	769	24	2950	1370	244000	8.5	8.68	4.03	13.22	15.19
Production Casing	6925	17	7740	6290	338000	10	2.15	1.75	2.87	3.39

# Casing Design (Safety) Factors - Additional ConocoPhillips Criteria:

ConocoPhillips casing design policy establishes Corporate Minimum Design Factors (see table below) and requires that service life load cases be considered and provided for in the casing design.

	Burst	Collapse	Axial
Casing Design Factors	1.15	1.05	1.4

#### Burst Design (Safety) Factors – COP Criteria

The maximum internal (burst) load on the Surface Casing occurs when the surface casing is tested to 1000 psi (pressured up to 1100 psi). The maximum internal (burst) load on the Production Casing occurs during the fracture stimulation where the maximum allowable working pressure (MAWP) is the pressure that would fit ConocoPhillips Corporate Criteria for Minimum Design Factors.

Surface Casing Burst Design Factor = Burst Rating / Maximum Pressure during Casing Pressure Test

Production Casing MAWP for the Fracture Stimulation = Minimum Internal Yield / Production Casing Burst Design Factor

Surface Casing Burst Design Factor:

Burst Design Factor (Casing Pressure Test) = 2950 psi / 1100 psi = 2.68 Production Casing Burst Design Factor: MAWP for the Fracture Stimulation = 7740 psi / 1.15 = 6730

<u>Collapse Design (Safety) Factors – COP Criteria</u> The maximum collapse load on the Surface Casing occurs when the pressure is released after bumping the plug on the surface casing cement job. The maximum collapse load on the production casing occurs with the well is pumped off on production. We plan to cement the production casing to surface, and therefore the external pressure profile on the production casing should be equal to the pore pressure of the horizons on the outside of the casing which we estimate to be 8.55 ppg gradient.

Surface Casing Collapse Design Factor = Collapse Rating / (Cement Column Hydrostatic Pressure - Displacement Fluid Hydrostatic Pressure) Production Casing Collapse Design Factor = Collapse Rating / Maximum Possible Pore Pressure

# Surface Casing Collapse Design Factor:

Collapse Design Factor = 1370 psi / {[(300 ft x 0.052 x 14.8ppg) + (469/269/25 t x 0.052 x 13.6 ppg) - (769/25 x 13.6 ppg) - (769/25 x 13.6 ppg) Collapse Design Factor = 1370 psi / 223 psi = 6.15 Production Casing Collapse Design Factor:

Collapse Design Factor = 6290 psi / (8.55 ppg x 0.052 x 6925 ft ) = 6290 psi / 3079 psi = 2104

(Date: July 24, 2012)

Page 2 of 8

## Axial Design (Safety) Factors – COP Criteria

The maximum axial (tension) load occurs if casing were to get stuck and pulled on to try to get it unstuck. Maximum Allowable Hookload = Joint Strength Rating / Axial Design Factor Overpull Margin = Maximum Allowable Hook Load - Air Wt of the String

#### Surface Casing (Ult. Tensile):

1 1

1.

Maximum Allowable Hookload = 244000 lbs/ 1.4 = 174286 lbs Overpull Margin = 174286 lbs - (769 ft x 24 lb/ft) = 755830 lbs **Production Casing (Ult. Tensile):** Maximum Allowable Hookload = 338000 / 1.4 = 241429 lbs Overpull Margin = 241429 lbs - (5925 ft x 17 lb/ft) = 723704 lbs

# 3. Proposed cementing program:

# 16" or 13-3/8" Conductor:

Cement to surface with rathole mix, ready mix or Class C Neat cement. (Note: The gravel used in the cement is not to exceed 3/8" diameter) TOC at surface.

# 8-5/8" Surface Casing & Cementing Program: 8-5/8" 24# J-55 STC

The intention for the cementing program for the Surface Casing is to:

- Place the Tail Slurry from the casing shoe to 300' above the casing shoe,
- Bring the Lead Slurry to surface.

Spacer: 20 bbls Fresh Water

	Slurry	Inter Ft I	-	Weight ppg	Sx	Vol Cuft	Additives	Yield ft <sup>3</sup> /sx
Lead	Class C	Surface	424' – 469'	13.6	350	595	4%Bentonite 2%CaCl2 .125%Polyflake 0.2% antifoam Excess =230% based on gauge hole volume	1.70
Tail	Class C	424' – 469'	724' – 769'	14.8	200	268	1% CaCl2 Excess = 100% based on gauge hole volume	1.34

Displacement: Fresh Water.

Note: In accordance with the Pecos District Conditions of Approval, we will Wait on Cement (WOC) for a period of not less than 18 hrs after placement or until at least 500 psi compressive strength has been reached in both the Lead Slurry and Tail Slurry cements on the Surface Casing, whichever is greater.

# **Cement Option 2 Insert to Application for Permit to Drill**

ConocoPhillips respectfully requests an additional option to our cementing program. The intention of this alternative is to accommodate additional isolation of the Grayburg-San Andres formation with cement.

# Alternate 5-1/2" Production Casing & Cementing Program – TXI/LW Option for Grayburg-San Andres:

The intention for cementing of the Production Casing is to:

- Place the Tail Slurry from the casing shoe to the top of the Grayburg-San Andres formation,
- Bring the Lead Slurry to surface.

## Spacer: 20 bbls Fresh Water

Sturry		Intervals Ft MD		Weight ppg	Sx	Vol Cuft	Additives	Yield ft³/sx	
Lead	50:50 Poz/C	Surface	3000'	11.8	500	1300	10% Bentonite 8 lbs/sx Salt 0.2%-0.4% Fluid loss additive 0.125 lb/sx LCM if needed Excess = 200% or more if needed based on gauge hole volume	2.6	
Tail	TXI/LW	3000'	6800' – 7000'	13.2	1300	1820	0.5% Fluid loss additive 0.10% Retarder 0.2% Antifoam 0.125 lb/sx LCM if needed Excess = 150% or more if needed based on gauge hole volume	1.40	

Displacement: Fresh Water with approximately 250 ppm gluteraldehyde biocide.

# Proposal for Option to Adjust Production Casing Cement Volumes:

The production casing cement volume for each alternative presented above are estimates based on gauge 7-7/8" hole. We will adjust these volumes based on the caliper log data for each well and our trends for amount of cement returns to surface. Also, if no caliper log is available for any particular well, we would propose an option to possibly increase the production casing cement volume to account for any uncertainty in regard to the hole volume.

# **Contact Information:**

Request proposed 5 December 2012 by: James Chen Drilling Engineer, ConocoPhillips Company Phone (832) 486-2184 Cell (832) 768-1647

Ruby Federal #22 Cement Option 2 – ConocoPhillips Company: December 5, 2012

Page 1 of 1

# 5-1/2" Production Casing & Cementing Program: 5-1/2" 17# L-80 LTC

The intention for the cementing program for the Production Casing is to:

- Place the Tail Slurry from the casing shoe to a point approximately 200' above the top of the Paddock,
- Bring the Lead Slurry to surface.

#### Spacer: 20 bbls Fresh Water

	Slurry		rvals MD	Weight ppg	Sx	Vol Cuft	Additives	Yield ft <sup>3</sup> /sx
Lead	50:50 Poz/C	Surface	5200'	11.8	1000	2640	10% Bentonite 8 lbs/sx Salt 0.4% Fluid loss additive 0.125% LCM if needed Excess = 220% or more if needed based on gauge hole volume	2.64
Tail	Class H	5200'	6880' – 6925'	16.4	650	696	0.2% Fluid loss additive 0.3% Dispersant 0.15% Retarder 0.2% Antifoam Excess = 100% or more if needed based on gauge hole volume	1.07

Displacement: Fresh Water with approximately 250 ppm gluteraldehyde biocide.

# Proposal for Option to Adjust Production Casing Cement Volumes:

The production casing cement volume presented above are estimates based on gauge 7-7/8" hole. We will adjust these volumes based on the caliper log data for each well and our trends for amount of cement returns to surface. Also, if no caliper log is available for any particular well, we would propose an option to possibly increase the production casing cement volume to account for any uncertainty in regard to the hole volume.

# 4. Pressure Control Equipment:

A <u>11" 3M</u> system will be installed, used, maintained, and tested accordingly as described in Onshore Oil and Gas Order No. 2.

Our BOP equipment will be:

- o Rotating Head
- Annular BOP, 11" 3M
- o Blind Ram, 11" 3M
- Pipe Ram, 11" 3M

After nippling up, and every 30 days thereafter or whenever any seal subject to test pressure is broken followed by related repairs, blowout preventors will be pressure tested. BOP will be inspected and operated at least daily to insure good working order. All pressure and operating tests will be done by an independent service company and recorded on the daily drilling reports. BOP will be tested using a test plug to isolate BOP stack from casing. BOP test will include a low pressure test from 250 to 300 psi for a minimum of 10 minutes or until requirements of test are met, whichever is longer. Ram type preventers and associated equipment will be tested to the approved stack working pressure of 3000 psi isolated by test plug. Annular type preventers will be tested to 50 percent of rated working pressure, and therefore will be tested to 1500 psi. Pressure will be held for at least 10 minutes or until provisions of test are met, whichever is longer. Valve on casing head below test plug will be open during testing of BOP stack. BOP will comply with all provisions of Onshore Oil and Gas Order No. 2 as specified. **See Attached BOPE Schematic.** 

(Date: July 24, 2012)

# 5. Proposed Mud System

. 1

The mud systems that are proposed for use are as follows:

DEPTH	TYPE	Density ppg	FV sec/qt	API Fluid Loss cc/30 min	рН	Vol bbl
0 – Surface Casing Point	Fresh Water or Fresh Water Native Mud	8.5 – 9.0	28 – 40	N.C.	N.C	120 – 160
Surface Casing Point to TD	Brine (Saturated NaCl <sub>2</sub> )	10	29	N.C.	10 – 11	400 – 750
Conversion to Mud at TD	Brine Based Mud (NaCl <sub>2</sub> )	10	34 – 45	5 – 10	10 – 11	0 – 750

Drilling mud containing H2S shall be degassed in accordance with API RP-49, item 5.14. The gases shall be piped into the flare system. Gas detection equipment and pit level flow monitoring equipment will be on location. ConocoPhillips Company will maintain sufficient mud and weighting material on location at all times.

# Proposal for Option to Not Mud Up at TD:

FW, Brine, and Mud volume presented above are estimates based on gauge 12-1/4" or 7-7/8" holes. We will adjust these volume based on hole conditions. Also, we propose an option to not mud up leaving only brine in the hole.

# 6. Logging, Coring, and Testing Program:

- a. No drill stem tests will be done
- b. Mud logging is planned for the production hole section.
- c. No whole cores are planned
- d. The open hole electrical logging program is planned to be as follows:
  - Total Depth to 2500': Resistivity, Density, and Gamma Ray
  - Total Depth to surface Casing Shoe: Caliper
  - Total Depth to surface, Gamma Ray and Neutron
  - Formation pressure data (XPT) on electric line if needed (optional)
  - Rotary Sidewall Cores on electric line if needed (optional)
  - BHC or Dipole Sonic if needed (optional)
  - Spectral Gamma Ray if needed (optional)

# 7. Abnormal Pressures and Temperatures:

- No abnormal pressures are expected to be encountered.
- Loss of circulation is a possibility in the horizons below the Top of Grayburg. We expect that normal Loss of Circulation Material will be successful in healing any such loss of circulation events.
  - The bottom hole pressure is expected to be 8.55 ppg gradient.
  - The expected Bottom Hole Temperature is 115 degrees F.
- The estimated H<sub>2</sub>S concentrations and ROE calculations for the gas in the zones to be penetrated are presented in the table below for the various producing horizons in this area:

FORMATION / ZONE	H2S (PPM)	Gas Rate (MCFD)	ROE 100 PPM	ROE 500 PPM
Grayburg / San Andres (from MCA)	14000	38	59	27
Yeso Group	400	433	34	15

ConocoPhillips will comply with the provisions of Oil and Gas Order #6

(Date: July 24, 2012)

# 6. Anticipated starting date and duration of operations:

Well pad and road constructions will begin as soon as all agency approvals are obtained. Anticipated date to drill these wells begin from late 2012 through the 2013 after receiving approval of the APD.

# **Attachments:**

Ň

5.3

- Attachment # 1 ...... BOP and Choke Manifold Schematic 3M System
- Attachment # 2 ...... Diagram of Choke Manifold Equipment

# **Contact Information:**

Program prepared by: James Chen Drilling Engineer, ConocoPhillips Company Phone (832) 486-2184 Cell (832) 768-1647 Date: 18 July 2012

#### **Request for Variance**

# **ConocoPhillips Company**

Lease Number: LC 029405B Well: Ruby Federal #22 Location: UL J, Sec. 18, T17S, R32E; 2310' FSL and 2310' FEL Date: 09-18-12

# Request:

ConocoPhillips Company respectfully requests a variance to install a flexible choke line instead of a straight choke line prescribed in the Onshore Order No. 2, III.A.2.b Minimum standards and enforcement provisions for choke manifold equipment. This request is made under the provision of Onshore Order No. 2, IV Variances from Minimum Standard. The rig to be used to drill this well is equipped with a flexible choke line if the requested variance is approved and determined that the proposed alternative meets the objectives of the applicable minimum standards.

# **Justifications:**

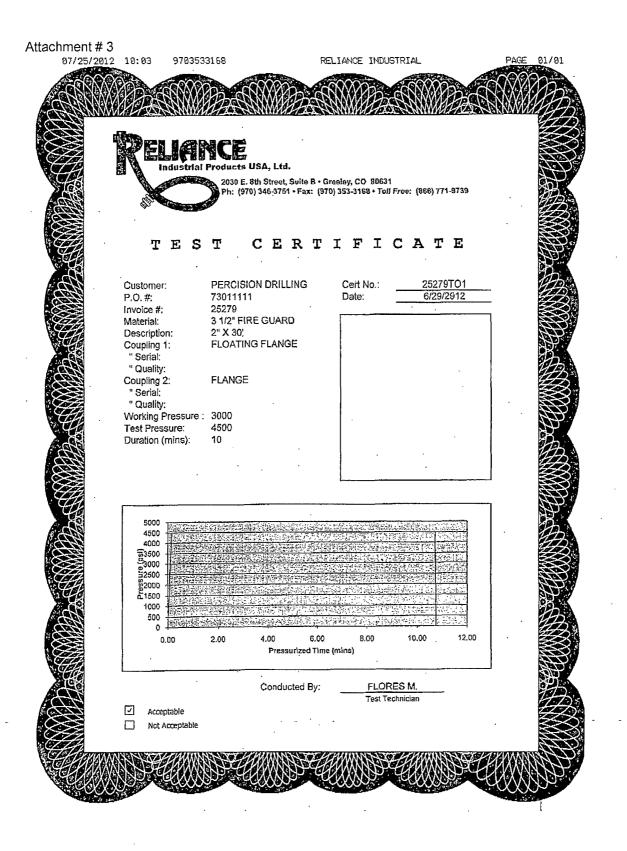
The applicability of the flexible choke line will reduce the number of target tees required to make up from the choke valve to the choke manifold. This configuration will facilitate ease of rig up and BOPE Testing.

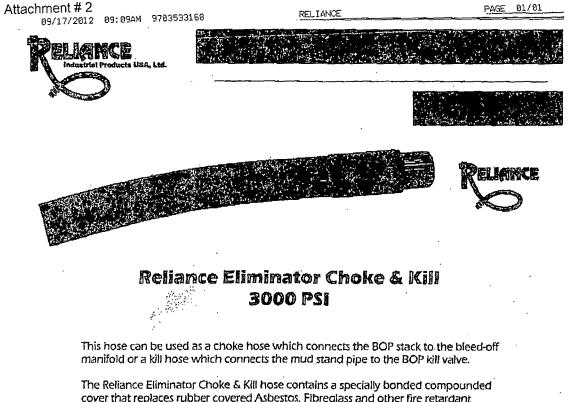
# Attachments:

- Attachment # 1 Mill Certification
- Attachment # 2 Specification
- Attachment # 3 Certified & Signed Pressure Test from Manufacturer

# **Contact Information:**

Program prepared by: James Chen Drilling Engineer, ConocoPhillips Company Phone (832) 486-2184 Cell (832) 768-1647 Date: 18 September 2012





The Reliance Eliminator Choke & Kill hose contains a specially bonded compounded cover that replaces rubber covered Asbestos, Fibreglass and other fire retardant materials which are prone to damage. This high cut and gouge resistant cover overcomes costly repairs and downtime associated with older designs.

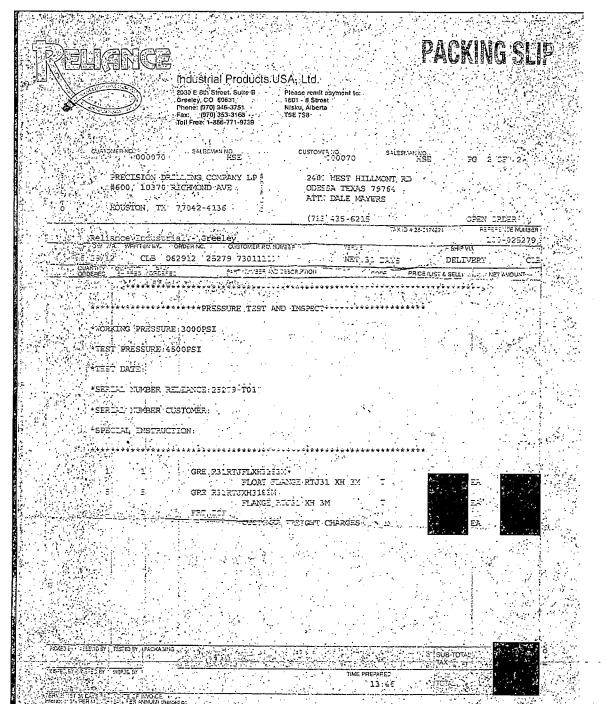
Non	1. ID	Nor	n OD	We	ight	Min Be	nd Radius	Мах	wp 🦾
in,	mm.	in.	mm	lb/ft	kg/m	in,	mm.	psi	Мра
3	76.2	4.53	115.06	8.99	13.31	30	762.0	3000	20.68
3-1/2	88.9	5.00	127	11.01	16.29	36	914.4	3000	20.68



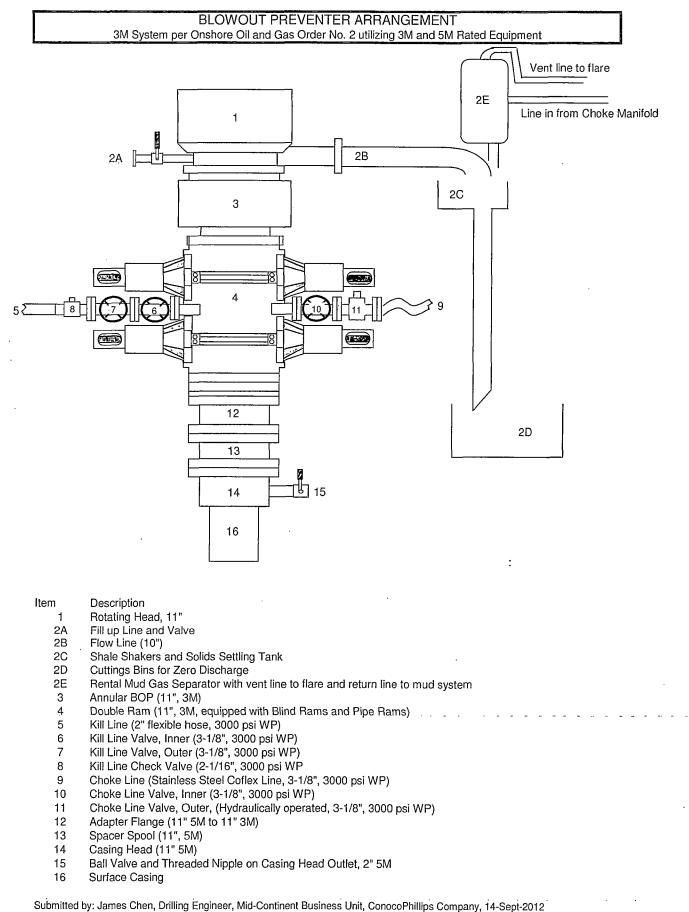
Fittings		Flanges	Hammer Unions	Other	
RC4X5055		/8 5000# API Type 6B	All Union Configurations	LP Threaded Connection	
RC3X5055	· R31 - 3-1/	/8 3000# API Type 6B	• • • •	Graylock	
RC4X5575				Custom Ends	

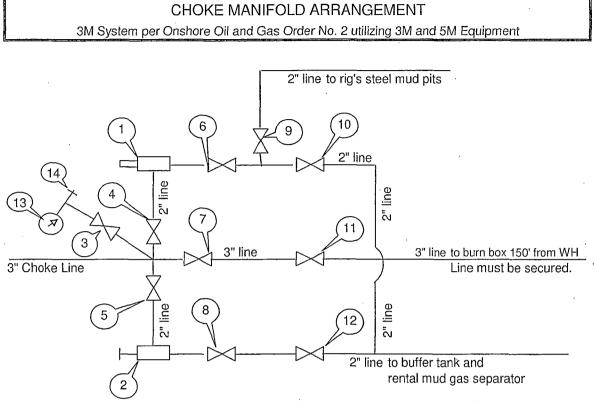
)8

# Attachment # 1



dur ann mars. Ierre 1997 Contract représe à le la conduction Produits USA, Lot. Nané 31997 de contract no représe de finis document.





All Tees must be targeted

Item Description

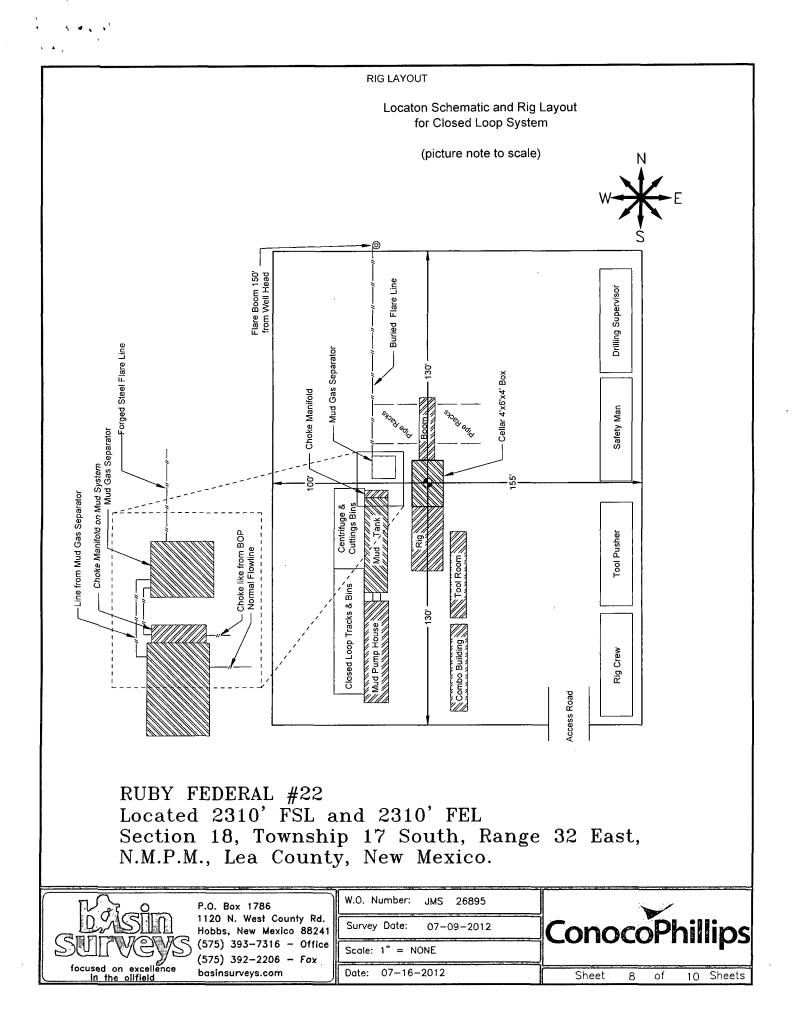
- 1 Remote Controlled Hydraulically Operated Adjustable Choke, 2-1/16", 3M
- 2 Manual Adjustable Choke, 2-1/16", 3M
- 3 Gate Valve, 2-1/16" 5M
- 4 Gate Valve, 2-1/16" 5M
- 5 Gate Valve, 2-1/16" 5M
- 6 Gate Valve, 2-1/16" 5M
- 7 Gate Valve, 3-1/8" 3M
- 8 Gate Valve, 2-1/16" 5M
- 9 Gate Valve, 2-1/16" 5M
- 10 Gate Valve, 2-1/16" 5M
- 11 Gate Valve, 3-1/8" 3M
- 12 Gate Valve, 2-1/16" 5M
- 13 Pressure Gauge
- 14 2" hammer union tie-in point for BOP Tester

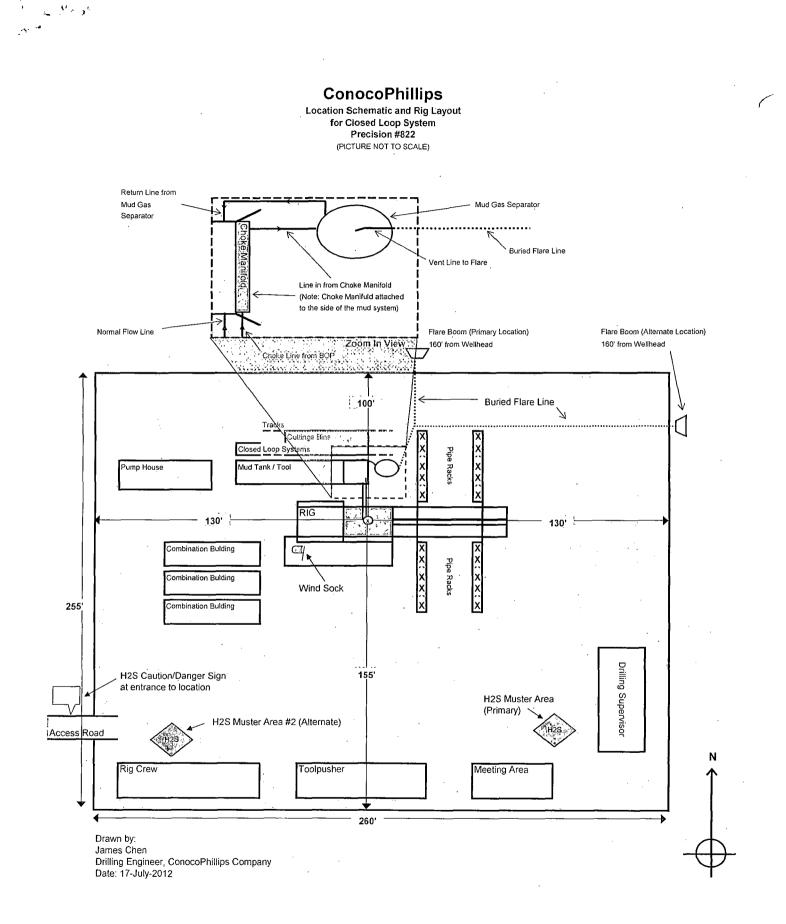
We will test each valve to 3000 psi from the upstream side.

#### Drawn by:

Steven O. Moore

Chief Drilling Engineer, Mid-Continent Business Unit, ConocoPhillips Company Date: 14-Sept-2012





# Closed Loop System Design, Operating and Maintenance, and Closure Plan ConocoPhillips Company Well: Ruby Federal #22 Location: Sec. 18, T17S, R32E Date: 08-07-12

ConocoPhillips proposes the following plan for design, operating and maintenance, and closure of our proposed closed loop system for the above named well:

1. We propose to use a closed loop system with steel pits, haul-off bins, and frac tanks for containing all cuttings, solids, mud, water, brine, and liquids. We will not dig a pit, nor will we use a drying pad, nor will we build an earth pit above ground level, nor will we dispose of or bury any waste on location.

All drilling waste and all drilling fluids (fresh water, brine, mud, cuttings, drill solids, cement returns, and any other liquid or solid that may be involved) will be contained on location in the rig's steel pits or in hauloff bins or in frac tanks as needed. The intent is as follows:

- We propose to use the rigs' steel pits for containing and maintaining the drilling fluids.
- We propose to remove cuttings and drilled solids from the mud by using solids control equipment and to contain such cuttings and drilled solids on location in haul-off bins.
- We propose that any excess water that may need to be stored on location will be stored in tanks.

The closed loop system components will be inspected daily by each tour and any need repairs will be made immediately. Any leak in the system will be repaired immediately, and any spilled liquids and/or solids will be cleaned immediately, and the area where any such spill occurred will be remediated immediately.

2. Cuttings and solids will be removed from location in haul-off bins by an authorized contractor and disposed of at an authorized facility. For this well, we propose the following disposal facility:

Controlled Recovery Inc, 4507 West Carlsbad Hwy, Hobbs, NM 88240, P.O. Box 388; Hobbs, New Mexico 88241 Toll Free Phone: 877.505.4274, Local Phone Number: 432.638.4076

The physical address for the plant where the disposal facility is located is Highway 62/180 at mile marker 66 (33 miles East of Hobbs, NM and 32 miles West of Carlsbad, NM).

The Permit Number for CRI is R9166

A photograph showing the type of haul-off bins that will be used is attached.

- Mud will be transported by vacuum truck and disposed of at Controlled Recovery Inc at the facility described above.
- 4. Fresh Water and Brine will be hauled off by vacuum truck and disposed of at an authorized salt water disposal well. We propose the following for disposal of fresh water and brine as needed:
  - Nabors Well Services Company, 3221 NW County Rd; Hobbs, NM 88240, PO 5208 Hobbs, NM, 88241, Permit SWD 092. (Well Location: Section 3, T19S R37E)
  - Basic Energy Services, P.O. Box 1869; Eunice, NM 88231 Phone Number: 575.394.2545, Facility located at Hwy 18, Mile Marker 19; Eunice, NM.

James Chen Drilling Engineer Office: 832.486.2184 Cell: 832.678.1647

# PECIFICATIONS

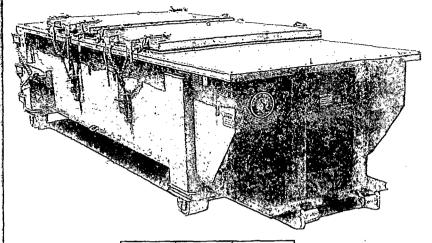
FLOOR = 3/16" PL one piece OROSS MEMBER: 3 x 4 Ikchannel 16" on center center WALLES: S/16VPL solid welded with Ubing top, inst de liner hooks DOOR: S/16VPL with Ubing frame FRONTE SHOTELSENTIONED PICKUP SEnded cebe with 2" x 6" x 1/4 relisignessed al cach accessing the second access and the second access and the second of the second access and the second access access and the second access and the second access access access and the second access access access access and the second access a DOOR LATORS & Independent celeber binders with chefns, verifiel second letch CASKETS: Extracted with metel entition

WELDS: All welds confinious except sub-SECTION SECTION STRATES the state of the s

FINISH's Control Inside and out with direct to matel, rust hilleling could enamel color coat HMDROMESTING: Full expectly state test DIMENSIONS: 22-11º long (21-6" Instal), 99 with (39 inside), see drawing for helph OPUONS SEE gillbest and special petu. Amplicall, Hall and Dimplakup ROOF SAF PL roof penels with white end chemies support frame LIDS: (2) 63 x20 matel willing lids solid localed, selfatishing ROLLERS: 47 V groove rollers with deltin. bearing send grease fillings OPENINC: (2) 60" x 62" openings

with SP divider centered on conteliner LANCHI (2) independent retained bindependent par (1d CASIAZIS: (Extorical orbitar seed with matel reletions

# Heavy Duty Split Metal Rolling Lid



CONT.	A	B
20 YD	41	53
25 YD 30 YD	53	65
30 YD	65	77

