

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS
HOBBS OCD

FORM APPROVED
OMB No. 1004-0137
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.*

NOV 03 2011

RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ConocoPhillips Company

3a. Address

3300 N "A" St Midland TX 79705

3b. Phone No. (include area code)

(432)688-9174

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

UL: M, 685' FSL & 660' FWL, Sec 23, T20S, R37E

5. Lease Serial No.

NM-0557686

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.

SEMU 176

9. API Well No.

30-025-38502

10. Field and Pool or Exploratory Area

Weir Blinebry-Drinkard/Monument/TB/SK

11. Country or Parish, State

LEA

NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☒ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must 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 request to perform a cmt squeeze to repair a csg leak.

Procedures are attached:

Approval Subject to General Requirements
& Special Stipulations Attached

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Rhonda Rogers

Title Staff Regulatory Technician

Signature

Date 10/26/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

PETROLEUM ENGINEER

Title

Office

Date

NOV 2 2011

BUREAU OF LAND MANAGEMENT

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.

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.

(Instructions on page 2)

NOV 03 2011

PROCEDURE

1. MI & RU service unit (last well service 09.2011). ND well. NU hydril BOP. The following is a summary of the current well configuration:

SEMU 176 (API: 30-025-38502)			
685 FSL & 660 FWL, 23M-20S-37E			
Elev.. 3536 KB; 3520 GL (KB - GL: 16 ft.)	Depth (RKB)		
	top	btm	
8-5/8", 24#, J-55	surface	1324	02.02.09 Cmt w/ 640 sx (190 bbl). Circ 124 sx (40 bbl)
5-1/2", 17#, L-80	surface	6754	02.17.09:
5-1/2" DVT (per RST log 02.25.09)	4013	4015	Cmt 1st Stg. 600 sx (172 bbl). Open DVT. Circ thru DVT w/ no reported cmt returns
5-1/2" ECP (per RST log 02.25.09)	4015	4038	Note: Per Casing Evaluation Log of 02.26.09, 1st Stg TOC: 4800
5-1/2" ECP (per RST log 02.25.09)	5480	5496	Cmt 2nd Stg: 750 sx (320 bbl). Circ 152 sx (69 bbl) to surface.
Composite BP	4660	4662	09.15.11: Test @ 500# Circ PKR fluid. (09.16.11: Test csg @ 500# - 30 min. Test OK)
Casing Leak Interval (Open)	4670	4730	09.13.11: Isolate Leak Interval:
Casing Leak Interval (Squeezed)	4670	4755	12.03.10-01.25.11: Sq 5 times w/ total 797 sx.
Composite BP	5530	5532	09.14.11
<u>Completion Intervals</u>			
Upper Blinebry	5590	5595	03.12.09 : 4 perforations
	5613	5617	: 5 perforations
	5641	5646	: 3 perforations
	5665	5668	: 3 perforations
	5678	5682	: 3 perforations
	5692	5697	: 3 perforations
	5725	5730	: 3 perforations
	5751	5756	: 4 perforations
Lower Blinebry	5837	5841	03.09.09 : 6 perforations
	5863	5868	: 6 perforations
	5909	5914	: 6 perforations
	5943	5948	: 6 perforations
Tubb	6279	6284	03.03.09 : 4 perforations
	6341	6346	: 5 perforations
	6427	6431	: 3 perforations
	6460	6465	: 3 perforations
	6489	6494	: 3 perforations
	6526	6531	: 4 perforations
	6560	6565	: 3 perforations
PBD	6688		02.17.09 : Float Collar positioned 6709-6710 per casing record.
			02.24.09: Tag @ 6688
			02.25.09: Tag @ 6688 (SLB RST log 02.25.09)
TD		6764	02.16.09

2. RU reverse unit. PU & RIH w/ 2-7/8", 6.6#, J-55 tbg w/ 6: 3-1/2" DC & 4-1/2" bit (5-1/2", 17#, L-80 ID: 4.892 in.)

Drill out composite BP @ 4660. RIH to 5500 (composite BP @ 5530). POOH.

3. RIH w/ 2-7/8" tbg & PKR. Set PKR. Set PKR @ 4000. Test tbg-csg annuls @ 500#.

Obtain PIR w/ 20 bbl fresh water (10 bbl @ 2 BPM followed by 10 bbl @ 1 BPM).

Mix & pump 375 sx (88 bbl) Class C @ 1 BPM.

Displace cmt w/ 24.7 bbl fresh water @ 1 BPM (tbg capacity to PKR: 23.2 bbl)

SD 15 min. (TOC: 4066; 14 bbl cmt in csg above leak 4670-4730; 74 bbl cmt behind csg)

Pump 4 bbl @ 1 BPM. SD 15 min. (TOC: 4238; 10 bbl in csg & 78 bbl behind csg)

Pump 4 bbl @ 1 BPM. SD 15 min. (TOC: 4410; 6 bbl in csg & 82 bbl behind csg)

Pump 4 bbl @ 1 BPM. SION. (TOC: 4583; 2 bbl in csg & 86 bbl behind csg)

	bbl	sx	BPM	time	cum time	Cmt Placement		
				min.	min.	in-pipe	in-pipe	behind-pipe
						bbl	TOC: ft	bbl
Mix & Pump	88.2	375	1	88	88			
Displace	24.7	0	1	25	113			
SD				15	128	14	4066	74
Displace	4.0	0	1	4	132			
SD				15	147	10	4238	78
Displace	4.0	0	1	4	151			
SD				15	166	6	4410	82
Displace	4.0	0	1	4	170			
SD						2	4583	86

Cement	Class C	375 sx
Water Requirements	6.3 gal/sk	56 bbl
Yield	1.32 cu. ft per sk	88 bbl
Slurry Density	14.8 #/gal	
Thickening Time	2 hrs	

4. POOH w/ tbg & PKR. RIH w/ tbg, 6: 3-1/2" DC & 4-1/2" bit. Drill out cmt 4583-4730. Close hydril & test squeeze @ 500#.

If squeeze tests:

drill out composite BP @ 5530.

RIH to PBD @ 6688 (lowermost perforation: 6565). POOH.

If squeeze does not test:

Obtain PIR w/ fresh water @ 500#, 1000# & 1500#.

Prep to re-squeeze

5. RIH w/ tbg, PKR & RBP. Acidize completion intervals w/ total of 3000 gal 15% NE Fe HCl:

Acidize Gross Interval: 6279-6565 (25 perforations) w/ 1000 gal 15% HCl

- a. Set RBP @ 6600 (between perfs: 6565 & PBD @ 6888; csg collar: 6564 & 6606)
- b. Set PKR @ 6200 (between perfs: 5948 & 6279; csg collars: 6178, 6221 & 6263)
- c. Open PKR circ port. Pump 23.8 bbl 15% HCl followed by 12 bbl 2% KCl (tbq capacity to PKR: 35.9 bbl). Close circ port.
- d. Flush w/ 47 bbl 2% KCl (15 bbl over-flush). AIR: 3 BPM @ 3000#
- e. Record ISIP, SITP(5 min), SITP(10 min) & SITP(15 min).

Acidize Gross Interval: 5837-5948 (24 perforations) w/ 1000 gal 15% HCl

- a. Set RBP @ 5980 (between perfs: 5948 & 6279; csg collars: 5878, 5920, 5963)
- b. Set PKR @ 5800 (between perfs: 5756 & 5837; csg collars: 5772, 5791, 5834)
- c. Open PKR circ port. Pump 23.8 bbl 15% HCl followed by 9 bbl 2% KCl (tbq capacity to PKR: 33.6 bbl). Close circ port.
- d. Flush w/ 43 bbl 2% KCl (15 bbl over-flush). AIR: 3 BPM @ 3000#
- e. Record ISIP, SITP(5 min), SITP(10 min) & SITP(15 min).

Acidize Gross Interval: 5590-5756 (28 perforations) w/ 1000 gal 15% HCl

- a. Set RBP @ 5800 (between perfs: 5756 & 5837, csg collars: 5772, 5791, 5834)
- b. Set PKR @ 5520 (above perforation 5590; csg collars: 5496, 5540, 5582)
- c. Open PKR circ port. Pump 23.8 bbl 15% HCl followed by 8 bbl 2% KCl (tbq capacity to PKR: 32 bbl).
- d. Flush w/ 44 bbl 2% KCl (15 bbl over-flush). AIR: 3 BPM @ 3000#
- e. Record ISIP, SITP(5 min), SITP(10 min) & SITP(15 min).

POOH w/ tbq, PKR & RBP.

6. Down hole equip w/ PROPOSED design in WellView. Anticipated production after load recovery: 100 BPD.

Note:

Well is surfaced equipped w/ C640-305-144. Historically, well has produced approximately 300 BPD w/ a 1% oil-cut. Excessive water production is considered to be from the San Andres associated with the casing leak.

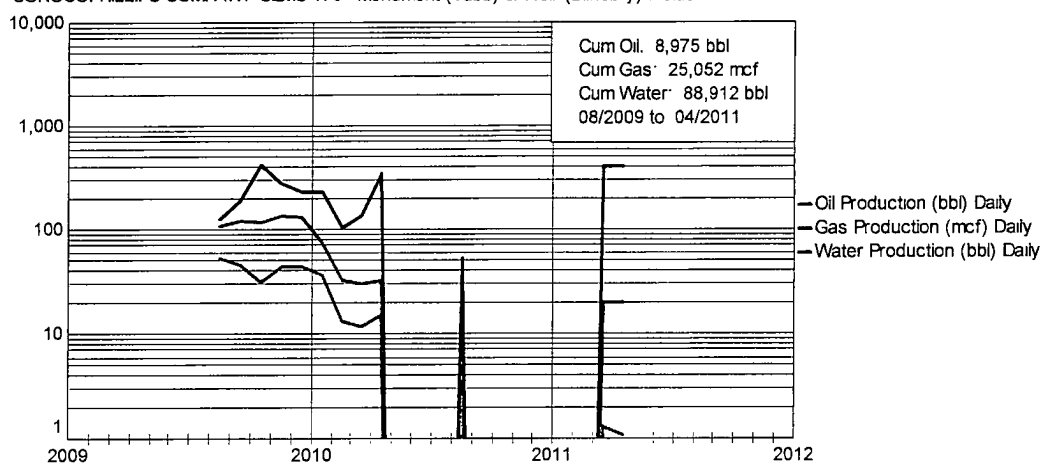
	Capacity		Internal Diam. : in.		Internal Yield (Burst): psi	
	bbl / ft	gal /ft	nom.	drift	100%	80%
2-7/8", 6.5#, J-55	0.00579	0.2431	2.441	2.347	7260	5808
5-1/2", 17#, L-80	0.02324	0.9764	4.892	4.767	7740	6192
2-7/8" x 5-1/2", 17#	0.0152	0.6392				

	SEMU 176 (API: 30-025-38502)
	685 FSL & 660 FWL, 23M-20S-37E
	Elev.: 3536 KB; 3520 GL (KB - GL: 16 ft.)
02.01.09	Spud 12-1/4" hole
02.02.09	Drl 12-1/4" to 1335.
	8-5/8", 24#, J-55 @ 1324 Cmt w/ 640 sx (190 bbl) Circ 124 sx (40 bbl).
02.04.09	Drl 7-7/8" hole: 1278-2583 w/ PDC bit
02.05.09	Drl 7-7/8" hole: 2583-3727
02.06.09	Drl 7-7/8" hole: 3727-3866 ARO 25.3 FPH
	Drl 7-7/8" hole: 3866-3915 ARO 24.5 FPH. Trip for new PDC bit.
	Drl 7-7/8" hole: 3915-4105 ARO 76.0 FPH
02.07.09	Drl 7-7/8" hole: 4105-4135 ARO 60.0 FPH
	Drl 7-7/8" hole: 4135-4448 ARO 65.9 FPH
	Drl 7-7/8" hole: 4448-4674 ARO 39.3 FPH. Encountered fluid losses: 70 BPH
	Drl 7-7/8" hole: 4674-4769 ARO 47.5 FPH. Lost returns. Total losses: 2300 bbl ARO 230 BPH.
02.08.09	Spot 2: 100 bbl LCM pills. No returns. Losses: 1200 bbl ARO 109 BPH.
02.09.09	Drl 7-7/8" hole: 4769-4815 ARO 13.1 FPH w/o returns
02.10.09	Drl 7-7/8" hole: 4815-5020 ARO 34.2 FPH w/o returns
02.11.09	Drl 7-7/8" hole: 5020-5069 ARO 19.6 FPH w/o returns
02.12.09	Drl 7-7/8" hole: 5069-5205 ARO 19.4 FPH w/o returns
	Drl 7-7/8" hole: 5205-5258 ARO 21.2 FPH w/o returns
	Drl 7-7/8" hole: 5258-5500 ARO 26.9 FPH w/o returns
02.13.09	Drl 7-7/8" hole: 5500-5753 ARO 22.0 FPH w/o returns
	Drl 7-7/8" hole: 5753-5787 ARO 17.0 FPH w/o returns
02.14.09	Drl 7-7/8" hole: 5787-6247 ARO 28.3 FPH w/o returns
	Drl 7-7/8" hole: 6247-6390 ARO 33.6 FPH w/o returns
02.15.09	Drl 7-7/8" hole: 6390-6475 ARO 28.3 FPH w/o returns
02.16.09	Drl 7-7/8" hole: 6475-6764 ARO 28.2 FPH w/o returns. TD @ 6764
02.17.09	5-1/2", 17#, L-80 @ 6754 w/ DVT @ 4020; ECP @ 4023 & 5511
	Cmt 1st Stg: 600 sx (172 bbl). Open DVT. Circ thru DVT w/ no reported cmt returns
	Note: Per Casing Evaluation Log of 02.26.09, 1st Stg TOC: 4800
	Cmt 2nd Stg: 750 sx (320 bbl). Circ 152 sx (69 bbl) to surface.
	<u>Tubb Completion</u>
03.03.09	Perforate: 6279-6284, 6341-6346, 6427-6431, 6460-6465, 6489-6494, 6526-6531, 6560-6565.
03.05.09	Acid 6279-6565 w/ 2000 gal. P(max): 6299# (ball-out). ISIP: 2248# (grad.: 0.79 psi/ft). SITP(5 min): 2141#.
	Frac w/ 52,500 gal & 112,500# 20/40. P(max): 5680#. ISIP: 2586#. SITP(5 min): 2488#. SITP(10 min): 2446#
	<u>Lwr Blinbry Completion</u>
03.09.09	Perforate: 5837-5841, 5863-5868, 5909-5914, 5943-5948
03.11.09	Acid 5837-5948 w/ 1000 gal 15% HCl w/ 30 bs. Form broke @ 3588#. P(max): 6535# (ball-out).
	ISIP: 2394# (grad.: 0.84 psi/ft)
	Frac w/ 41,315 gal & 64,500# 20/40 sand. P(max): 4887# P(avg): 4400#. AIR: 27 BPM. ISIP: 2742#
	<u>Upr Blinbry Completion</u>
03.12.09	Perforate: 5590-5595, 5613-5617, 5641-5646, 5665-5668, 5678-5682, 5692-5697, 5725-5730, 5751-5756
03.17.09	Frac w/ 54,000 gal & 125,000# 20/40 sand. P(max): 6260#. P(avg): 3768#. IR(max): 33.3 BPM. AIR: 14 BPM. ISIP: 2932#

	Workover: Casing Leak Repair
11.04.10	MI & RU. Unseat pump
11.05.10	POOH w/ rods & pump.
11.08.10	NU BOP. POOH w/ tbg. Tbg parted @ 4717
11.09-22.10	Fish & recover tbg.
11.23.10	RIH w/ tbg & bit. Tag fill @ 6572. POOH. RIH w/ tbg, PKR & RBP
	Set RBP @ 5542. Set PKR @ 5511. Load tbg w/ 8 bbl. Test RBP @ 400#. Bled to 0#. Tbg on vac.
	Set RBP @ 5511. Set PKR @ 5480. Test RBP @ 400#. Bled to 0#. Tbg on vac. Pump 25 bbl down csg. Well on vac.
11.24.10	Set RBP @ 3980. Set PKR @ 3953. Test RBP @ 400#. Test OK. Test tbg-csg annulus. Test OK.
	Set RBP @ 4870. Set PKR @ 4843. Test RBP @ 400#. Reported small leak. Re-set PKR @ 4683. Test tbg-csg. Test OK.
11.29.10	Run 40-arm caliper: 3000-5590.
11.30.10	RIH w/ tbg & composite BP. Set CBP @ 5550. POOH. RIH w/ tbg & PKR. Set PKR @ 4682.
12.01.10	Test tbg-csg. Reported prs leak-off. Re-set PKR @ 4650. Test tbg-csg annulus @ 500#. Test OK.... top leak interval between 4650-4682
	Obtain PIR: 3 BPM @ 0#
12.03.10	Pump 150 sx CI H w/ expansion additives & 200 sx CI C. AIR: 2 BPM @ 0#. Flush w/ 36 BFW (tbg cap. to PKR: 26.9 bbl).
	POOH w/ 15 stands. SIOWE.
12.06.10	Set PKR. Load & test csg. Test OK. PIR down tbg: 3.3 BPM @ 0#. POOH w/ tbg & PKR. RIH OE. Tag cmt @ 4715.
	POOH w/ tbg. RIH w/ tbg & cmt retainer. Set retainer @ 4618.
12.07.10	Pump 150 sx CI H w/ expansion additives & 200 sx CI C. AIR: 2 BPM @ 0#. Flush w/ 40 BFW (tbg cap. to cmt retainer: 26.7 bbl)
	Pull out of retainer. Circ 40 BW. Sting in to retainer. Test csg @ 500#. Test OK.
12.08.10	Pump 150 sx CI H w/ expansion additives & 200 sx CI C. AIR: 2 BPM @ 0#. Flush w/ 26 BFW (tbg cap. to cmt retainer: 26.7 bbl)
	Prs up to 1300#. Pull out of retainer. Circ 40 BW. POOH w/ 40 stands
12.09.10	Fin POOH. RIH w/ tbg, DC & bit. Tag @ 4607. Drl on cmt retainer @ 4613.
12.10.10	Drl out cmt retainer 4617. Drl cmt to 4642.... grn cmt. SDOWE.
12.13.10	Drl cmt 4642-4755 (fall-out cmt). Circ well. Test csg @ 5003. Well bled down. Obtain PIR: 1.16 BPM.
12.14.10	POOH w/ tbg, DC & bit. RIH w/ tbg & cmt retainer. SD (wait on cmt)
12.20.10	Set retainer @ 4613. Obtain PIR: 1.4 BPM @ 881#. Pump 122 sx CI C. Prs incr. Went to flush: Flush w/ 24.9 bbl BFW
	(tbg cap to retainer: 26.7 bbl). POOH w/ tbg.
12.21.10	RIH w/ tbg, DC & bit. Tag @ 4535. Drl out cmt to cmt retainer.
12.22.10	Drl out retainer @ 4617. Drl cmt to 4632. SD.... grn cmt.
01.05.11	Drl cmt to 4753 (fall-out cmt). Circ well. Lost 24 bbl while circ 30 min. Obtain PIR: 1.4 BPM @ 500#.
	RIH & tag cmt @ 5374 (composite BP @ 5550). Pull up-hole to 5311. Circ well.
01.06.11	RU swab. IFL: 600 FFS. Swab 8 hrs. Rec 152 BW (456 BPD). FFL: 1000 FFS. SD 1 hr. FL: 600 FFS. (est.BHP @ 4750: 1900#)
01.07.11	Swab 6 hrs. Rec 146 BW. IFL: 600 FFS. FFL: 1100 FFS. (584 BPD @ 12% draw down). SIOWE.
01.10.11	Swab 7 hrs. Rec 182 BW. IFL: 600 FFS (65.5 hr. est BHP @ 4700: 1900#). FFL: 1000 FFS. (624 BPD @ 10% draw down)
	SD 0.75 hr. FL incr from 1000 FFS to 600 FFS. Champion checked chlorides: 16,000 PPM
01.11.11	Swab 7.25 hrs. Rec 165 BW. IFL: 600 FFS. FFL: 1000 FFS (546 BPD @ 12% draw down). SD 0.75 hr. FL incr from 1000 FFS to 600 FFS.
01.12.11	Swab 7.25 hrs. Rec 168 BW. IFL: 600 FFS. FFL: 1000 FFS (556 BPD @ 12% draw down). SD 0.75 hr. FL incr from 1000 FFS to 600 FFS.
01.13.11	Swab 3 hrs. Rec 88 BW. IFL: 700 FFS. FFL: 1100 FFS (704 BPD @ 10% draw down). POOH w/ tbg. RIH w/ tbg & cmt retainer to 4613
	NOTE: Wait-on cmt services 01.14.11-01.25.11
01.25.11	Pump through cmt retainer @ 4613. Squeeze w/ 255 sx: Prs incr to 3464#. Sting out of retainer. Circ well.
01.26.11	RIH w/ tbg w/ bit & DC. Tag cmt @ 4607. Drl out cmt: 4607-4613. Drl out cmt retainer @ 4613. Drl out cmt to 4632. SION.
01.27.11	Drl out cmt: 4632-4657.... cmt grn
01.28.11	Drl ot cmt: 4657-4680.... cmt grn. Drl out cmt: 4680-4755 and fell out of cmt. Circ well. Test csg @ 500#. Lost 45# in 30 min.

	RIH & tag cmt scale @ 5162. clean out to 5279. Tag cmt @ 5374. Drl out cmt: 5374-5438. SIOWE
01.31.11	Drl out cmt: 5438-5530 (CBP @ 5550). Circ well. Test csg @ 500#. Lost 15# in 30 min. Swab FL to 1000 FFS. SD 1 hr. FL remained 1000 FFS
	Swab FL: 1000-2200. No fluid entry Drl out cmt: 5530-5550 (CBP). Circ well. SION.
	NOTE: Fell-out cmt @ 4755; Cmt void: 4755-5162; Cmt stringers: 5162-5374, Cmt: 5374-5550 (CBP)...
	suggests possible behind pipe communication from 4755 to 5162
	NOTE: Wait on weather 02.10 11-02.07.11
02.07.11	Drl composite BP 5550-5551. RIH & tag composite BP @ 5580. Drl out composite BP 5580-5582. Drl out cmt: 5582-5693. SION.
02.08.11	Drl out cmt: 5693-5724. Encountered gas pocket @ 5724 Circ well. Drl out cmt: 5724-5918. SION.
02.09.11	SD:wait on weather
02.10.11	Drl out cmt: 5918-5950. Encountered gas kick Circ well Drl out cmt: 5950-6290 and fell-out of cmt. Circ well. SION.
	NOTE : cmt encountered below CBP @ 5550 to 6290 (Blinebry completion interval: 5590-5948; Tubb completion interval: 6279-6565)
	: cmt encountered below CBP @ 5550 suggest squeeze cmt migrated down hole behind 5-1/2" csg
02.11.11	RIH & tag @ 6299. Drl out cmt: 6299-6350 and fell out cmt. RIH & tag @ 6386. Drl out cmt 6386-6397 and fell out of cmt
	RIH to to 6584. Drl out cmt: 6584-6677 (cmt below lowermost perforation @ 6565 !!). Circ well. SION.
02.14.11	RIH to 6670. Circ well w/ 130 bbl fr wtr. POOH w/ tbg. LD DC & bit. RIH w/ tbg w/ PKR & RBP SION.
	NOTE: Wait on acid services 02.15 11-02.17 11
02.17.11	RIH w/ tbg, PKR & RBP Set RBP @ 6600. Set PKR @ 6570. Test RBP @ 1100#. Test OK. Re-set PKR @ 6242.
	Acid Tubb: 6279-6565 (volume, rates, prs not reported). ISIP(?): 1950#.
	Re-set RBP @ 6054. Set PKR @ 6021. Test RBP. Test OK. Re-set PKR @ 5797.
	Acid Lwr Blinebry: 5837-5948 Communicated w/ Upr Blinebry completion interval: 5590-5756. Re-set PKR @ 6021. Re-test RBP. Test OK.
	Re-set PKR @ 5540. Load & test csg-tbg annulus above PKR @ 300#. Test OK. RIH & retrieve RBP Re-set RBP @ 5797. Test RBP. Test OK.
	Spot acid across Up Blinbry completion interval. Set PKR @ 5540.
	Acid Upr Blinebry: 5590-5756 (volume, rates, prs not reported) ISIP: vac.
02.18.11	SITP: vac. POOH w/ tbg, PKR & RBP SIOWE.
02.21.11	RIH w/ prod tbg w/ TAC. Set TAC in 16,000# tension.
02.22.11	RIH w/ pump, 24 SB, 1" rods. PU & RIH w/ 70 FG rods
02.23.11	Fin RIH w/ FG rods. Space out pump. RD.
	Workover: Isolate Casing Leak Interval
09.09.11	POOH w/ rods to rod part. RIH w/ OS. POOH w/ rods & pump. ND well. NU BOP. SIOWE.
09.12.11	Scan tbg out of hole (Ylw: 64, Blu: 47; Grn: 6; Red: 14). RIH w/ bit & scraper to top of perf interval.
09.13.11	POOH & LD bit & csg scraper. RIH w/ 5-1/2" RBP & PKR. Set RBP @ 5570. Set PKR @ 5550 Attempt to test RBP Pumped 64 BW.
	Pump 64 BW down tbg in attempt to test RBP (capacity to RBP@ 5570: 33 bbl). Re-set RBP @ 5540. Set PKR @ 5520. Test RBP. Test OK.
	Re-set PKR @ 4575. Test down tbg @ 550# Lost 550# in 1 min.
	Re-set PKR @ 4730. Test down tbg @ 550#. Test OK.
	Re-set PKR @ 4670. Test tbg-csg annulus. Test OK.
	NOTE. csg good: surface-4670
	csg good: 4730-5540
	leak interval: 4670-4730
09.14.11	RU swab. Swab 4 hrs. Rec 75 BW. IFL: 1100 FFS (est BHP @ 4700: 1650#). FFL: 2000 FFS. (450 BPD @ 25% draw-down)
	Rel PKR. RIH & rel RBP POOH w/ tbg, PKR & RBP. RIH w/ composite RBP. Set CBP @ 5530.
09.15.11	POOH w/ tbg. RIH w/ tbg & CBP-2. Set CBP-2 @ 4660. Load & test csg to 500#. Test OK. Circ PKR fluid. POOH.
09.16.11	Fin POOH & LD tbg. ND BOP NU well. Chart well @ 500#-30 min.

CONOCOPHILLIPS COMPANY SEMU 176 Monument (Tubb) & Weir (Blinbry) Fields APl: 30-025-38502



SEMU #176
ConocoPhillips Company
30-025-38502
2 Nov 2011
Conditions of Approval

Summary of Current Status:

- 5-1/2" 17# L-80 Production Casing 0' – 6754'. Run 2/17/09. Cemented with 2 Stages using DVT and ECP at ?. No cement to DVT during 1st stage. Cement to surface for 2nd stage. Dec 2010: 1st casing leak 4670'-4755' squeezed 5 times with total of 797 sx.

Current Sundry Requests:

To repair casing leak **4670'-4730'** and to acidize the existing selective perforations between **5590'-6560'** in the Blinebry/Tubb formations of the Bone Springs.

Conditions of Approval:

1. When the work is completed, a Subsequent sundry detailing work done is required, to include a copy of the casing pressure test chart after the repair is done.
2. **Hydrogen Sulfide has been reported as a hazard, but no measurements have been recorded. It is recommended that monitoring equipment be onsite for potential Hydrogen Sulfide. If Hydrogen Sulfide is encountered, please report measurements and formations to the BLM.**
3. **2000 (2M) psi** 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.
4. **Surface disturbance beyond the existing pad must have prior approval.** If the move-in of any subsequently required stimulation equipment and related tanks will cause the originally approved footprint for the location to be changed, it will then be necessary to obtain a revised impact evaluation from the BLM.
5. **A closed loop system is required for all work on location.**
6. All **waste** (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of workover 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.