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Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

SUBMIT IN TRIPLICATE – Other instructions on page 2.

5. Lease Serial No.
LC 031695A

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☒ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
SEMU #154

2. Name of Operator
ConocoPhillips Company

9. API Well No.
30-025-35383

3a. Address
P.O. Box 51810
Midland, Texas 79710-1810

3b. Phone No. *(include area code)*
432-688-6913

10. Field and Pool or Exploratory Area
North Hardy Tubb-Drinkard

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
1760' FSL & 2310' FEL, Sec 30, T20S, R38E

11. Country or Parish, State
Lea County, 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 recomplete 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 recompletion 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 respectfully submits the attached procedure to attempt a recompletion into the San Andres Formation from 4160-4190'

Recomplete well By 10/1/09

AFTER RECOMPLETION AND TESTING
PLEASE SUBMIT 3160-4 COMPLETION
REPORT FOR THE Production
INTERVAL(S) WITHIN 30 DAYS

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

Title Regulatory Specialist

Signature

Date 01/21/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by /s/ JD Whitlock Jr

Title LPET

Date 2/2/09

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office CFO

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)

SEMU #154
Recomplete to San Andres Formation

AFE Number: WA5.CNM.____

API Number: 30-025-35383

Field: North Hardy Tubb-Drinkard

Surface Location: 1760' FSL & 2310' FEL, Sec. 30, T-20-S, R-38-E, Lea County, NM

Depths: TD = 7,900' PBTD = 6,715'±

Elevation: GL = 3515' KB =3526'

Casing Data:

Existing & Proposed Casing, Tubing and Packer Information

	OD (in)	Depth (ft)	ID/Drift (inches)	Weight (#/ft)	Grade	Burst (psi)	Burst w/ 1.15 D.F.	Collapse (psi)	Collapse w/ 1.05 D.F.	Volume (Bbls/Ft)
Sur. Csg.	8⅝"	1495'	8.097/7.972	24#	J-55	2950	2565	1370	1304	0636
Prod. Csg	5½"	7900'	4.892/4.767	17#	J-55	5320	4626	4910	4676	.0232
Prod. Tbg	2⅞"		2.441/2.347	6.5#	J-55	7260	1.20 D.F.	7680	1.15 D.F.	0 00579

Top of Cement: surface Casing Fluid: 2% KCl (0.438 psi/ft)

Proposed Cased Hole Perforations

Formation	Perforations (MD)	F.G.	Perf Feet	SPF	Phase	Holes	Anticipated Reservoir Pressure	Reservoir Temp
San Andres	4160-4190'	.75	30	2	0°	60	1934	100° F

Correlation Log: Schlumberger Platform Express log dated 3/14/01

Gun Type: 3⅛" High Shot Density, 34JL Ultrajet, HMX 22.7g, (API 19B: Pen – 28.94", EHD - 0.37")

Prepared by: David McPherson: Contract Production Engineer, Panhandle/Permian Group
Mobile: 1(903) 316-4272 Home: 1(903) 894-3547

SEMU #154
Recomplete to San Andres Formation

GENERAL NOTES

1. No project or task is to be performed unless it can be done safely and without harm to the environment. All work must comply with all State and Federal regulations and with COPC Safety and Environmental Policies.

2. Conduct daily safety meetings and review all procedures with all contractors prior to performing the operation.

3. Report all activity on the Well-View Daily Completion Work-Over Report.

4. Insure contractors are familiar with and comply with all relevant COPC safety/environmental policies.

5. Spills are to be prevented. Utilize a vacuum truck as necessary.

6. **All references to 2% KCl water is powdered 2% KCl.**

7. Throughout the entire completion process, any fluids from the well-bore that are displaced or produced must be sent through the flow-back equipment so that the fluids can be properly disposed.

8. Verify that all pressured lines and fittings meet or exceed the MPSP (Maximum Predicted Surface Pressure) for the treatment lines of **5250** psi for the pressure test during stimulation operations. Maximum treatment pressure during the sand frac will be **4000** psi. MPSP from the zone should not be greater than 2000 psi before & after stimulation operations of the Tubb and Blinebry zone.

9. Well control for this well will be Class 2, Category 2 before and after stimulation. Expected Shut in Casing Pressures (SICP) before & after stimulation should not exceed 2000 psi

Mid-Continent / Permian / Hobbs East Contact List:

Reservoir Engineer:	D. Pecore	832-486-2145
Geologist:	G. Borges	832-486-2606
Production Engineer:	J. Lowder	432-368-1609
Facilities Engineer Tech:	L. Johansen	432-368-1223
Operations Supervisor:	J. Coy	575-391-3127
Projects Planner:	D. Garrett	432-368-1410
Production Foreman:	V. Mackey	575-391-3129

PROPOSED PROCEDURE

1. MIRU workover unit. ND wellhead and NU BOP's and test. Release M1-X packer and POOH with 2⅞" tubing.

2. PU and RIH with 4¾" bit and 5½" casing scraper on 2⅞", 6.5#, J-55 workstring to TOC @ 6715± circulating well clean with 2% KCL water. Do not drill up cement. POOH with casing scraper and drill bit. Stand back 2⅞" workstring. LD casing scraper and drill bit.

3. MIRU Schlumberger wireline. RU 1000 psi lubricator. Hold an on-site Safety meeting – ensure that all sources of stray charge are off including personal cell phones. Correlate with Schlumberger Platform Express log dated 3/14/2001. Test the lubricator to 1000 psi. Zero the depth counters and run in the hole. Set CIBP @ 6300'±. Load and test casing with 9 ppg brine to 500 psi and hold for 30 minutes. Dump 35' of cement on top of CIBP. Perforate the San Andres from 4160-4190', 2 SPF [60 Holes]. Use a 3-1/8" High Shot Density, 34JL Ultrajet,HMX 22.7g, (API 19B: Pen – 28.94", EHD - 0.37") perforating gun (Load the guns with 0° phasing.)

4. Retrieve the fired guns into lubricator. Close the blind ram and bleed off the lubricator. Lay down the lubricator and guns. Verify that all shots have fired. Report "stabilized" shut-in pressure after perforating in Well View.

5. TIH with 2⅞", 6.5#, J-55 workstring and 5½" packer. Set packer at 4100'±. Test bakside to 500 psi.

6. MIRU Schlumberger pumping services equipment. RU and test all lines to 5000 psi and monitor for 5 min. Make sure the pressure does not decrease more that 300 psi over the 5 min. Pressure up casing / tubing annulus to 300 psi and monitor during job.

7. Perform acid ballout with 4000 gals 15% HCl acid @ 6 bpm with 72± 1.1 SG bio balls as per attached procedure. Surge the well 2-3 times to dislodge balls. Shut down for 30 minutes to allow balls to fall.

   Note: It is a ConocoPhillips policy to have shower facilities on location when using acid.

8. Release packer and reverse out any spent acid. POOH with tubing and packer.

9. Pick up the 2-⅞", 6.5 lb/ft, J-55 tubing string (per Vernon Mackey).

10. Run the production tubing in the hole. Place the EOT at 6661'± with the tubing anchor set at 5740'±. Maintain a dynamic fluid column (DFC) while running tubing. (Trickle some 2% KCl water down the tubing head valve.)

11. ND BOPs and NU wellhead. RIH with pump and rods (per rod design in WellView). Space and hang well on. Load tubing and check pump action.

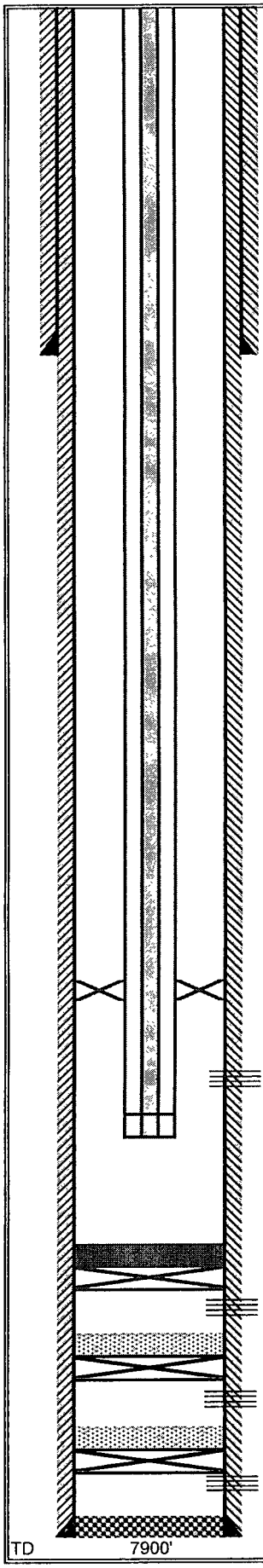
12. RDMO well service rig. Release any ancillary equipment. Clean up location.

13. Turn well over to Operations. Place well on production. Report well tests on morning report. Place stabilized well test in FieldView. Contact chemical representative to place well on corrosion inhibition program. Submit change of status report.

SEMU #154

PROPOSED WELLBORE DIAGRAM

API #:	30-025-35383				
FIELD:	North Hardy Tubb-Drinkard				
CO ST:	Lea, NM		**AREA:**	Hobbs East	
SECTION:	30	**TOWNSHIP:**	20S	**RANGE:**	38E
LOCATION:	1760' FSL & 2310' FEL				
DATES:	**SPUD:** 2/25/01		**IC:** 4/17/01		
	LATEST RIG WORKOVER:				
	DIAGRAM REVISED:	11/05/08 by D. McPherson			



8⅝" @ 1495', cmt w/ 625 sxs

TAC @ 4110'±

PERFS: 4160-4190'

EOT @ 4220'±

CIBP @ 6300' w/ 35' cmt on top
PERFS: 6490-6510', 6342-48', 6382-83', 6410-11', 6423-76' (6/5/01) Tubb
Frac'd w/ 134,340# 16/30 SD and 40,220# RC SD

CIBP @ 6750' w/ 35' cmt on top (6/5/01)
PERFS: 6793-6803', 6817-32', 6846-64' (5/30/01) Drinkard

CIBP @ 7550' w/ 35' cmt on top (4/19/01)
PERFS: 7598-7650' (4/17/01) Strawn

5½" @ 7900' cmt w/ 1660 sxs

	CASING				TUBING
Hole Size	12¼"	7⅞"			
Pipe Size	8⅝"	5½"			2⅞"
Weight	24#	17#			6.5#
Grade	J-55	J-55			J-55
Thread					8rd
Depth	1495'	7900'			4220'

ELEVATION: GR 3515', KB 3526'
TREE CONNECTION:

Tubing Description	Length	From	To
Elevation	13.00	0.00	13.00
134± jts 2⅞" 6.5# J-55 tubing	4097.00	13.00	4110.00
1 - 5-½ x 2⅞" TAC	4.00	4110.00	4114.00
2.5± jts 2⅞" 6 5# J-55 tubing	75.00	4114.00	4189.00
1 - SN	1.00	4189.00	4190.00
1 - SOPMA	30.00	4190.00	4220.00

Rod Description	Length	From	To
1 - 1¼" polished rod	22.00	-3.00	19.00
144 - ¾" rods	4025.00	19.00	4044 00
2 - ¾" rods w/ guides	50.00	4044.00	4094.00
3 - 1½" sinker bars	79.00	4094.00	4173.00
1 - pump	16.00	4173.00	4189.00
1 - dip tube	12 00	4189.00	4201.00

Pump Unit:

COMMENTS