OCD Hobbs

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
NMNM27508

6. If Indian, Allottee or Tribe Name

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

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

8. Well Name and No.
WILDER FEDERAL 29 SWD 1

2. Name of Operator
CONOCOPHILLIPS COMPANY
Contact: RHONDA ROGERS
E-Mail: rogerrs@conocophillips.com

9. API Well No.
30-025-40500-00-S1

3a. Address
3300 N "A" ST BLDG 6
MIDLAND, TX 79705

3b. Phone No. (include area code)
Ph: 432-688-9171
Fx: 432-688-6019

10. Field and Pool, or Exploratory
SWD

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 29 T26S R32E SENW 2010FNL 2560FWL

11. County or Parish, and State
LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

ConocoPhillips would like to address the failed MIT;
Object of this work: Pull existing down hole injection equipment, test casing replace injection pkr assembly and return to disposal status.

attached are the procedures and current wellbore schematic and proposed wellbore schematic.

HOBBS OCD

MAR 22 2013

RECEIVED

SUBJECT TO LIKE APPROVAL BY STATE

SEE ATTACHED FOR CONDITIONS OF APPROVAL

APPROVED
Ed Fernandez
MAR 21 2013
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #201988 verified by the BLM Well Information System
For CONOCOPHILLIPS COMPANY, sent to the Hobbs
Committed to AFMSS for processing by KURT SIMMONS on 03/20/2013 (13KMS1972SE)

Name *(Printed/Typed)* RHONDA ROGERS — Title STAFF REGULATORY TECHNICIAN

Signature (Electronic Submission) — Date 03/20/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By Ed Fernandez — PETROLEUM ENGINEER — Date 03/21/2013

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 Hobbs

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

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

SEE ATTACHED FOR CONDITIONS OF APPROVAL

APR 09 2013

Wilder Federal 29-1 SWD
MIT / Replace Packer Procedure

Objective of this Work: Pull existing down hole injection equipment, test casing, replace injection packer assembly and return to disposal status.

API Number: 30-025-40500

Field: Red Hill West

Location: 2010' FNL & 2560' FWL, Section 29. T26S, R32E, Lea, NM
Lat - 32° 0' 54.688" N Long -103° 41' 49.304" W

Spud Date: 04/20/2012

Depths: TD = 6275' PBTD = 6205'

Elevation: GL =3129' KB =13' KBM =3142'

Casing:

Intermediate

	Depth	ID	Drift	Burst	Collapse	Capacity (bbl/ft)
9⅝" 36#, J-55 ST&C	1058'	8.921	8.765	3520	2020	.0773

Cement w/600 sacks TOC = surface

Production

	Depth	ID	Drift	Burst	Collapse	Capacity (bbl/ft)
7" 26# P-110 BTC	6251'	6.276	6.151	9950	6210	.0383

Cement w/1340 sacks TOC = surface

Injection Tubing:

	Depth	ID	Drift	Tensile	Burst	Collapse	Capacity (bbl/ft)
3½", 9.3#, L-80, 8rd, EUE	5115.67'	2.992	2.867	207200	10160	10540	.0087

Procedure:

Hold safety meeting and review JSA prior to proceeding

Rig arrives on Location

1. Rig up work-over rig and ancillary equipment.

2. Confirm well is static. Kill well with weighted fluid (#14 ppg was required previously) for well control.

Note: Contact Justin Pechacek w/ Mesquite (325-573-3537) – Mesquite will send service hand to location to unset and recover packer assembly do NOT proceed before Mesquite service hand arrives!

3. ND injection well head and NU shop tested 5k single Hydraulic BOP (blind rams) + 3K Hydril. Install as per ConocoPhillips Well Control Manual.

4. Release Mesquite AS-1X packer and POOH with injection tubing assembly.

Note: Turn AEROSET AS-1X packer over to Mesquite – Mesquite will hold for teardown w/ Jerry Reno – this packer will NOT be re-run

Note: Handle IPC tubing with care; install pin protectors to protect the coating

Test Production Casing

5. MI a 2⅞" (6.5#/ft, L-80) workstring. Rig up Pick-up / Lay-down machine.

6. PU an RBP and test packer (for 7", 26#/ft, P-110 casing) on 2 ⅞" workstring.

7. RIH and set the RBP @ **5,170'± RKB**. Use ***Schlumberger Compensated Neutron HGNS-GR-CCL log dated 5/18/2012*** to confirm collar location.

8. Release from RBP. Load wellbore w/ saltwater.

9. PUH 10'± and set test packer.

10. MI-RU a high pressure pump truck. Test surface line from truck and return line to frac tank to **4,000** psi.

11. Pressure down workstring and confirm RBP is holding:
    - If RBP holds - release pressure and proceed to next step
    - If RBP does not hold – reset / move RBP and repeat pressure test

See COA

12. Pressure casing to a minimum of **2000 psi** to confirm no leaks. If casing:
    - Leaks – release packer, pull up hole in 500' increments testing casing until leak is located - Contact Jerry Reno (432-202-5957) for Cementing addendum procedure
    - Holds pressure – release pressure, POOH w/ workstring & test packer, recover RBP, and proceed to next step

(Contact BLM and OCD at least 72 hours prior to running MIT)

Install Downhole Injection Assembly

13. MI-RU a hydro-test services to test internally coated injection tubing while RIH.

Note: Test tubing (do not exceed 85% of burst) – perform hydro-test below grade

Confirm/record – id's and od's of all equipment prior to RIH

14. PU the following: (bottom to top)
    - Re-entry guide (id – 2.441") w/ a pump out plug in place
    - "XN" nipple (id - 2.313") corrosion resistant
    - 2 7/8" – 4' (length may vary), 6.5#/ft - L-80 tubing sub (nickel lined)
    - 7" Baker Hornet internally coated packer (od – 6.2", id – 2,992")
    - On/off tool w/ "X" nipple (id - 2.313") corrosion resistant
    - 3 ½" x 2 7/8" – 4' (cross-over), 6.5#/ft - L-80 (nickel lined)
    - 3 ½" IPC injection tubing (9.3# L-80)

Note: Baker Oil Tools contact is Raymond Akers @ 940-452-6358

	Item Description	Icon	OD Nominal (in)	Nominal ID (in)	Wt (lbs/ft)	Grade	Len (ft)	Jts	Type
	...	...	...	...	...	...			
	Tubing- LINED.		3 1/2	2.670	9.30	L-80	5,138.00	158	Tubing
	Tubing cross-over sub (3 1/2"		2 7/8	2.441	6.50	L-80	4.00		Tubing
	On/Off tool w/ "X" profile		2 7/8	2.310			2.00	1	Other
	3-1/2x7" 26# Baker (Hornet Pa		6	2.992			7.50	1	Packers
	Tubing sub - nickel lined		2 7/8	2.441	6.50	L-80	4.00		Tubing
	"XN" nipple		2 7/8	2.313			1.10	1	Other
	Re-entry Guide w/ pump out pl		2 7/8	2.992			0.50	1	Other
▶			2 7/8						

15. RIH with downhole injection assembly. Once on depth @ 5,190' RKB release hydro-test services. Set disposal packer assembly@ 5,170' RKB (historical location).

16. Once injection packer is set, release from on/off tool.

17. Close pipe rams pressure down tubing (**do not exceed 1000 psi**) and confirm packer assembly (w/ pump out plug) and casing are holding.

18. Release pressure, open pipe rams, and load backside with inhibited packer fluid.

Note: Champion contact is Lonnie Bryan @ 575-390-9591 for details

19. Latch onto the injection packer on-off tool, pull tension, and space out 3 ½" IPC injection tubing string.

20. Nipple down BOP and nipple up the injection wellhead assembly.

21. Pressure down tubing – casing annulus and conduct a pre-MIT to confirm injection packer / production casing is holding.

Mechanical Integrity Test (MIT)

22. Conduct and chart the official MIT test w/ BLM/OCD representatives invited.

Note: Send MIT results to Donna Williams (Regulatory) Midland office.

23. Pump / pressure down injection tubing to 2,000 psi to remove pump out plug. Pump at least two full tubing volumes to confirm pump out plug is removed.

24. Release pressure and rig down high pressure pump truck services.

25. RD-MO well service unit.

26. Clean up location, dispose of all produced fluids, trash, and debris.

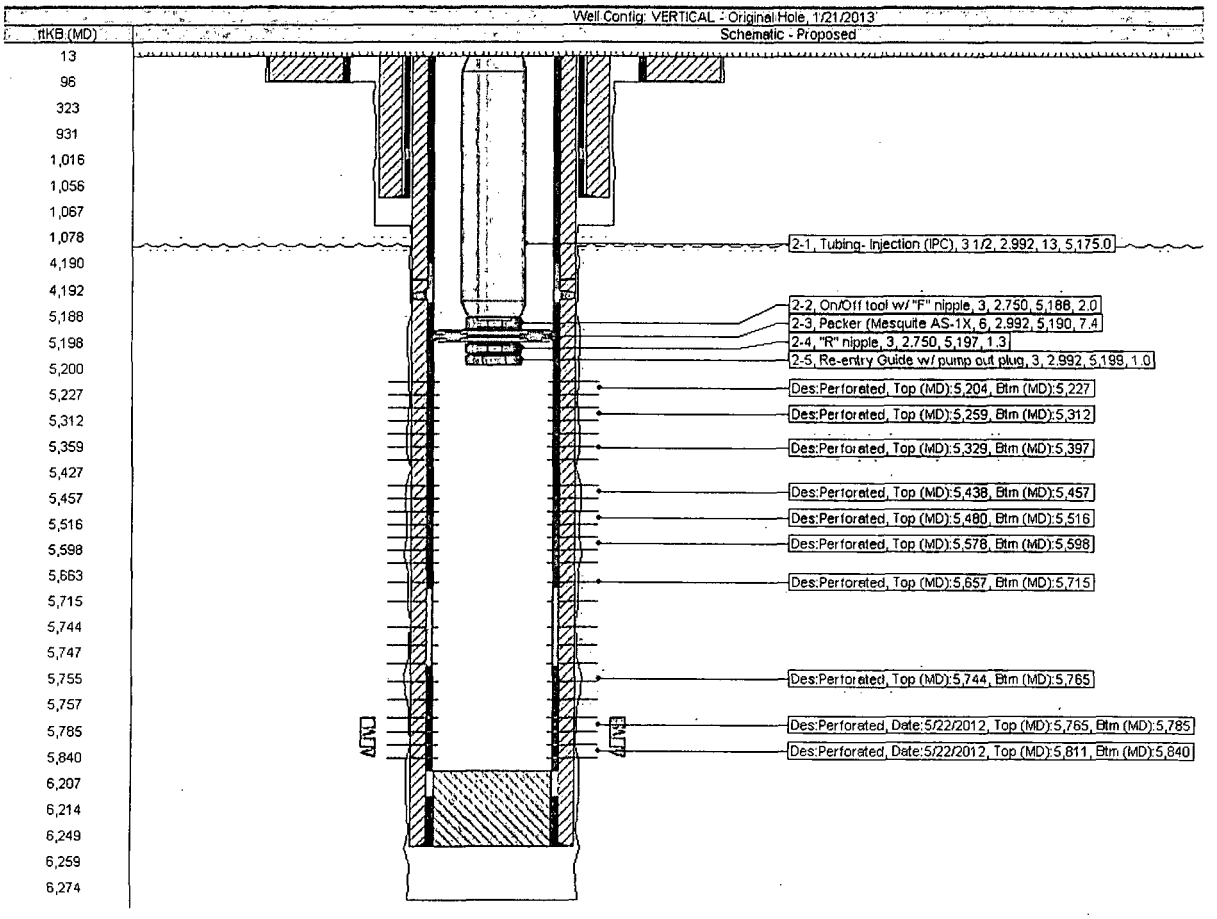
27. Release all ancillary equipment.

28. Report all work performed in Well view.

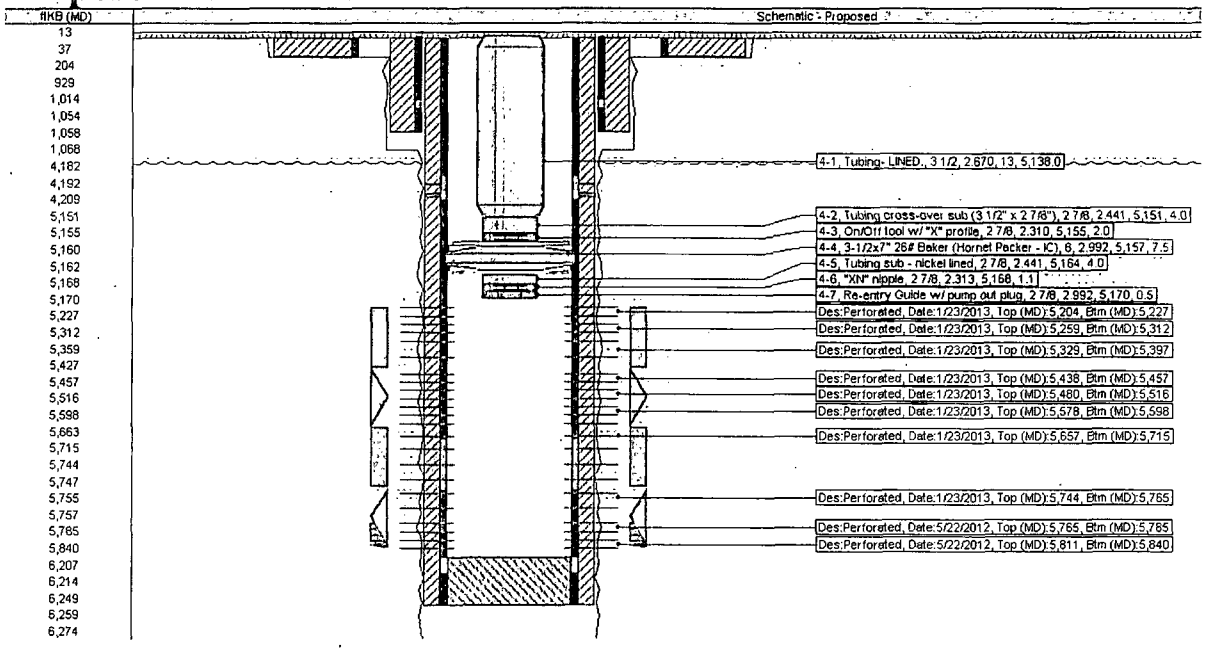
29. Contact Ray Carrasco (432-634-5914) the Production Supervisor prior to turn well over to Operations.

30. Return well to Production Operations. Once injection is initiated report rate and pressure in AVOCET.

Existing Schematic:



Proposed Schematic:



Conditions of Approval

Wilder 29 Fed SWD #1
30-025-40500
ConocoPhillips Company

1. At least 24 hours before the test: In Eddy County email Paul R. Swartz paul_swartz@blm.gov, (phone 575-200-7902). If there is no response phone 575-361-2822. In Lea County phone 575-393-3612 or 575-631-5801. Note the contact notification method, time, & date in your subsequent report.
2. Surface disturbance beyond the existing pad must have prior approval.
3. A closed loop system is required. The operator shall properly dispose of drilling/circulating contents at an authorized disposal site. Tanks are required for all operations, no excavated pits.
4. Functional H_2S monitoring equipment shall be on location.
5. A minimum of 3000 (3M) BOPE shall 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 (3M) 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.
6. All waste (i.e. 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. **Step 12 of attached procedure** - Once casing leak has been located Notify BLM and provide a Sundry with a procedure on how the operator plans on repairing the casing. (If necessary call and discuss with the BLM)
8. Once the casing has been repaired, an MIT shall be required and shall be a done at maximum allowable injection pressure of 1041 psig for 30 minutes and chart recorded and witness by the BLM
9. Document the pressure test on a calibrated recorder chart registering within 25 to 85 per cent of its full range. Greater than 10% pressure leakoff will be viewed as a failed MIT. Less than 10% pressure leakoff will be evaluated site specifically and may restrict injection approval.
10. A CBL shall be required once casing has been repaired. Submit CBL to the Carlsbad BLM office.
11. Subsequent sundry required.

EGF 032113