

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103

Revised August 1, 2011

HOBBS OCD

SEP 24 2013

RECEIVED

WELL API NO.	30-025-24731
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	B-2516
7. Lease Name or Unit Agreement Name	Devon State
8. Well Number	1
9. OGRID Number	217817
10. Pool name or Wildcat	Maljamar; Grayburg-San Andres
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	4139' GR

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

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

2. Name of Operator
ConocoPhillips Company

3. Address of Operator
P. O. Box 51810
Midland, TX 79710

4. Well Location

Unit Letter I : 1874 feet from the South line and 554 feet from the East line
Section 22 Township 17S Range 33E NMPM County Lea

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: Add pay ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Attached are the procedures and current Wellbore schematic.

During this procedure we plan to use the Closed-Loop System and haul content to the required disposal.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE Staff Regulatory Technician

DATE 09/19/2013

Type or print name Rhonda Rogers

E-mail address: rogers@conocophillips.com

PHONE: (432)688-9174

For State Use Only

APPROVED BY:

TITLE DIST. MGR

DATE 9-25-2013

Conditions of Approval (if any):

SEP 25 2013

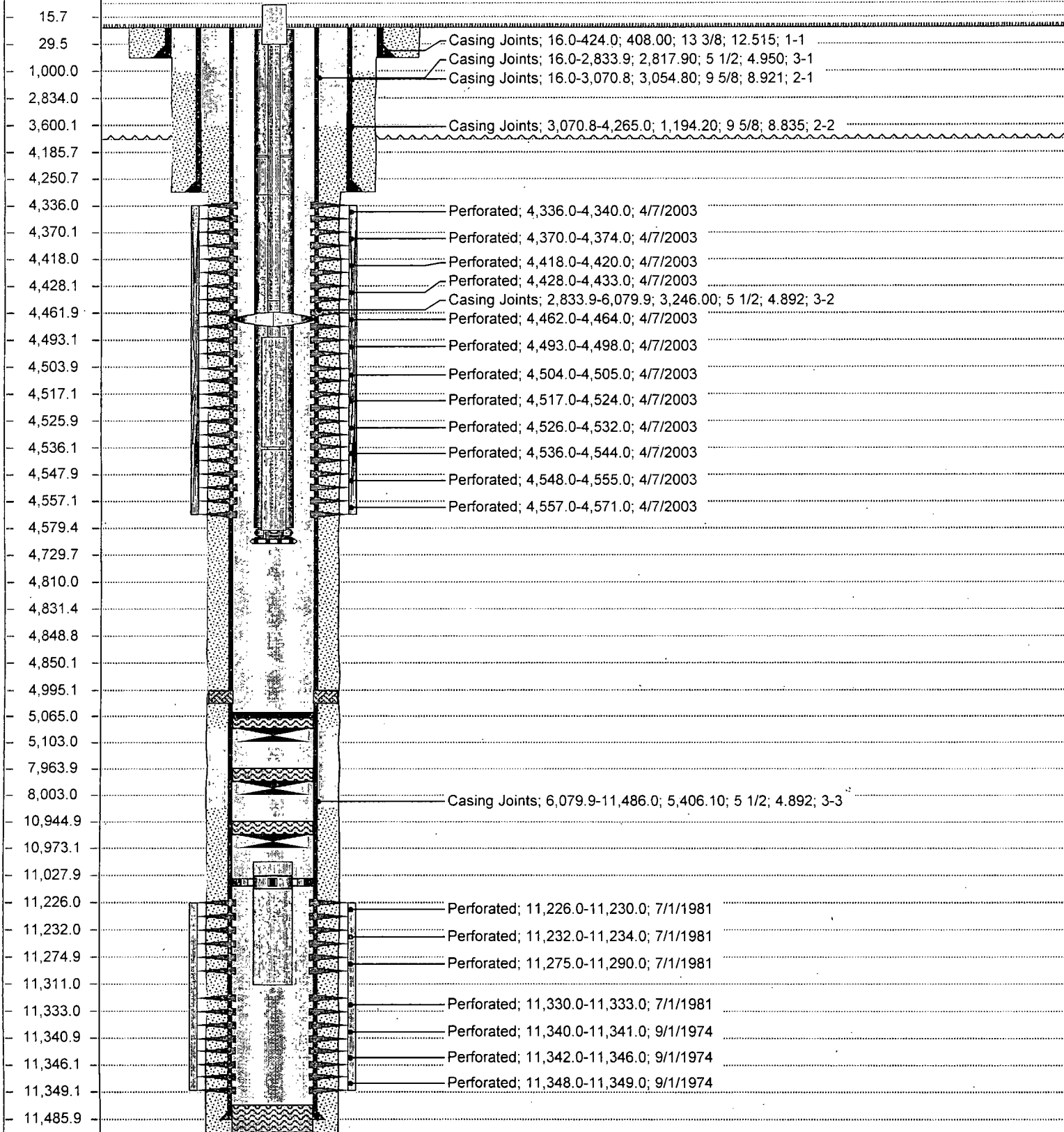
Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Actual Start Date	End Date
WELL INTERVENTION	REPAIR DOWNHOLE FAILU...		10/20/2010	10/22/2010

VERTICAL Main Hole, 9/19/2013 11:06:47 AM

MD (ftKB)

Vertical.schematic (actual)



Devon State 1

Procedure for San Andres Test

API# 30-025-24731

4810-4818

The subject workover consists of testing the San Andres interval ~~4010-4018~~. The proposed interval will be perforated and acidized w/ 500 gallons 15% NE Fe HCl. The interval will be swab tested. If the San Andres tests at commercial rates, the Devon State-1 will be return to production. If the San Andres tests at non-commercial rates, the well will be secured with a CIBP to be P&A at a later date by separate procedure following internal & regulatory approvals. The Devon State-1 is currently completed in the ~~Grayburg~~ ^{Grayburg}. The well has been inactive since October 2012. Prior to shut-in, production from the ~~Grayburg~~ was less than 1 BOPD.

PROCEDURE

1. MI & RU service unit (last well service: 10.2010; replaced 114 jts 2-3/8" tbg).
ND well. POOH w/ rods (3/4" Gr. K) & pump (1-1/4" x 25').
NU hydril BOP. Release tbg anchor @ 4276. POOH w/ 2-3/8", 4.7#, J-55 tbg.
2. PU 2-7/8", 6.5#, N-80 tbg w/ 4-3/4" bit & csg scraper (5-1/2", 17#) & RIH to below 4950

Current Grayburg perforated interval:	4336-4571
Proposed San Andres perforated interval:	<u>4810-4818</u>
PBD:	5085

POOH.

3. RU SLB perforating services. NU lubricator & test @ 500#.

Perforate following San Andres interval @ 60-degree phasing w/ 3-3/8", PowerJet 3406, HMX, 22.7 gm. (EHD: 0.36 in.; Penetration: 36 in.):

Interval	Feet	SPF	Perforations
4810-4818	8	2	16

NOTE:

Per Schlumberger GR/CCL (04.02.03):

Collar Depth	Length: ft.	
(KB -GL: 16 ft.)		
4619		
4652	33	
4683	31	
4716	33	
4748	32	
4781	33	
4812	31	
4844	32	
4876	32	
4908	32	
4941	33	
4973	32	
5006	33	
5039	33	
5072	33	
5110		04.02.03: Logger PBD

RD perforating services.

4. RIH w/ 2-7/8", 6.5#, N-80 tbg string w/ PKR & RBP (5-1/2", 17# csg).

Test tbg below slips @ 4000# while RIH (2-7/8", 6.5#, N-80 Internal Yield Prs: 10,570#).

Set RBP @ approximately 4860

Lowermost San Andres perforation:	4818
Csg collars:	4844, 4876 & 4908
Squeezed csg section (02.1990):	4995-5025
PBD:	5065

Set PKR @ approximately 4800

Lowermost Grayburg perforation:	4571
Uppermost San Andres perforation:	4810
Csg collars:	4748, 4781 & 4812

5. Acidize San Andres perforated interval 4810-4818 w/ 500 gal (12 bbl) 15% NE Fe HCl:

Open PKR by-pass.

Pump 12 bbl acid followed by 15.9 bbl water

Close PKR by-pass

Pump additional 15 BW to displace acid in formation (capacity to 4818: 28.2 bbl).

Limit treating pressure to 2000# (est BHTP: 4200#; grad.: 0.87 psi/ft)

Record ISIP, SITP(5 min), SITP(10 min), SITP(15 min).

Est Load Volume: 43 bbl (formation: 15 bbl; well: 28 bbl)

6. Flow well back. Note estimated recovery volume. RU swab.

After 65 bbl or if swab dry, SD 1 hr. Note:

IFL
Swab Time (hrs)
Recovery Volume (bbl)
FFL

Swab 1 hr. unless swab dry then SD 1 hr. Note:

IFL
Swab Time (hrs)
Recovery Volume (bbl)
FFL

Swab 1 hr. unless swab dry then SD 1 hr. Note:

IFL

Swab Time (hrs)

Recovery Volume (bbl)

FFL

7. If San Andres 4810-4818 swab tests at commercial rates:

Release PKR. RIH & retrieve RBP. POOH & LD 2-7/8" workstring tbg, PKR & RBP

Downhole equip for production (ref: pre-pull package)

Surface equip w/ existing C228D-246-74 & operate @ current 54" stroke & 8.75 SPM

If San Andres 4810-4818 swab tests at non-commercial rates:

- a. Release PKR. RIH & retrieve RBP. POOH w/ tbg. LD PKR & RBP.
- b. RIH w/ tbg & CIBP
- c. Set CIBP @ 4275 (within 100 ft. of uppermost perforation: 4336)
(5-1/2", 17# collars: 4232, 4264, 4295 & 4328)
- d. Circ well w/ fresh water.
- e. POOH & LD 2-7/8" workstring tbg.
- f. RIH w/ 2-3/8" production tbg. POOH & LD tbg. w/ rods.
- g. RIH w/ rods. POOH & LD rods.
- h. NU well.

Well to be P&A by separate procedure

	Capacity		Internal Diam. : in.		Internal Yield (Burst): psi.	
	bbl / ft	gal /ft	nom.	drift	100%	80%
2-3/8", 4.7#, J-55	0.00387	0.1624	1.995	1.901	7700	6160
2-7/8", 6.5#, N-80	0.00579	0.2431	2.441	2.347	10570	8456
5-1/2", 17#, J-55	0.0232	0.9764	4.892	4.767	5320	4256
2-3/8" x 5-1/2", 17#	0.0178	0.7463				
2-7/8" x 5-1/2", 17#	0.0152	0.6392				