

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

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

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 PROPOSALS.)		WELL API NO. 30-025-35821
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator ConocoPhillips Company		6. State Oil & Gas Lease No.
3. Address of Operator P. O. Box 51810 Midland, TX 79710		7. Lease Name or Unit Agreement Name Shoebar 4
4. Well Location Unit Letter M : 1140 feet from the South line and 660 feet from the West line Section 4 Township 17S Range 35E NMPM County Lea		8. Well Number 002
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3988' GL		9. OGRID Number 217817
		10. Pool name or Wildcat Vacuum; Morrow, North

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 ☐

SUBSEQUENT REPORT OF:
REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: shut off Atoka re-activate Morrow ☒

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.

ConocoPhillips Company request to shut off the Atoka with setting a pkr @ 12,600 and producing the Morrow per attached procedure.

Attached is a current/proposed wellbore schematic

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 Rhonda Rogers TITLE Staff Regulatory Technician DATE 03/30/2015

Type or print name Rhonda Rogers E-mail address: rogerrs@conocophillips.com PHONE: (432)688-9174

For State Use Only

APPROVED BY: Rhonda Rogers TITLE Petroleum Engineer DATE 04/06/15

Conditions of Approval (if any):

APR 07 2015

Project Scope			
• Shut-in Atoka Completion:		12,370-12,376	
		12,380-12,384	
• Produce Morrow Completion:		12,770-12,780	

Table 5: Perforations			
Type	Formation	Top (RKB): ft	Bottom (RKB): ft.
Perforations	ATOKA	12,370	12,376
		12,380	12,384
Perforations	MORROW	12,770	12,780
PBD		12,854	12,862
TD			12,862

Well Service Procedure:

Before rigging up:

- Verify current Anchor Test (last well service: 03.2014).
- SI well for 7 days prior to well work

Atoka BHP

- 1) MI & RU slick-line unit.
 - a) Note & record SITP.
 - b) NU lubricator. Test lubricator & pack-off @ greater of 150% SITP or 500#.
 - c) Open master valve. RIH w/ memory pressure recorder.
- d) Make following gradient stops (25). Estimated BHP< 500 psi; BHP: 165F

Stop	Depth: ft.	Time	
		min.	cum min
1	1000	2	2
2	2000	2	4
3	3000	2	6
4	4000	2	8
5	5000	2	10
6	5500	2	12
7	6000	2	14
8	6500	2	16

9	7000	2	18
10	7500	2	20
11	8000	2	22
12	8500	2	24
13	9000	2	26
14	9500	2	28
15	10000	2	30
16	10500	2	32
17	11000	2	34
18	11200	2	36
19	11400	2	38
20	11600	2	40
21	11800	2	42
22	12000	2	44
23	12100	2	46
24	12200	2	48
25	12300	10	58

- e) POOH. Close master valve. Bleed down pressure. ND lubricator.
- f) RD & release slick-line unit.
- 2) RU pump truck to casing. Load csg & test @ 500 psi-15 min. RD pump truck.

NOTE: If casing does not load after 50 bbl, discontinue efforts

2-7/8" x 5-1/2", 17# annulus was loaded w/ 4% KCl (04.29.02)

2-7/8" x 5-1/2", 17# capacity to PKR @ 12,278: 187 bbl

- 3) Return well to production.

Morrow reactivate

- 1) Close master valve. MI & RU service rig.
- 2) RU slick-line unit
 - a) NU lubricator. Test lubricator & pack-off @ greater of: 150% SITP or 500#.
 - b) Open master-valve. RIH & set plug in 2.25" F-nipple @ 12,275. POOH.
 - c) Close master-valve. Bleed down pressure. ND lubricator
 - d) RD & release slick-line unit
- 3) Open master-valve. Flow down tbg pressure.
Pump 13 bbl 4% KCl down 2-7/8", 6.5#, N-80 tbg (fluid column: 2245 ft.; 995 psi)
ND well. NU BOP.
- 4) Release on-off tool. Allow well to equalize (estimated static fluid level: 2770 FFS).
- 5) Swab well to approximately 10,000 ft. (anticipated recovery: 152 bbl; fluid column @ PKR: 1010 psi)
Note: if PKR fluid was lost to formation, pump 35 bbl 4% KCl (fluid column @ PKR: 1010 psi)
- 6) Latch onto PKR. Install tbg valve.
- 7) RU slick-line unit
 - a) NU lubricator. Test lubricator & pack-off @ greater of: 150% SITP or 500#.
 - b) Open tubing-valve. RIH & retrieve plug in 2.25" F-nipple @ 12,275. POOH.
 - c) Close tubing-valve. Bleed down pressure. ND lubricator
 - d) RD & release slick-line unit
- 8) Remove tbg valve. Release PKR. POOH w/ 2-7/8", 6.5#, N-80 tbg & LD PKR.

Shoebar 4-02: Morrow re-activate

API # 30-025-35821

9) RIH w/ 2-7/8", 6.5#, N-80 production tbg w/ latch seal assembly for Weatherford Arrow-Drill Model B seal-bore PKR @ 12,600.

Test tbg below slips @ 6,000 psi (2-7/8", 6.5#, N-80 internal yield: 10,570 psi).

Latch onto PKR

10) Load tbg w/ 60-70 bbl 4% KCl (fluid column @ PKR: 5580 psi; estimated Morrow BHP: 5000 psi)

11) ND BOP. NU well.

12) RU wire-line unit

a) NU lubricator. Test lubricator & pack-off @ greater of: 150% SITP or 500#.

b) Open master-valve. RIH & retrieve no-go plug in 2.25" R-nipple @ 12,667 (plug in-place 04.26.02)

If unable to retrieve plug:

Cut 2-7/8", 6.5#, N-80 tbg @ 12,650 (between F-nipple: 12,635 & R-nipple: 12,667)

c) Close master-valve. Bleed down pressure. ND lubricator

d) RD & release wire-line unit

13) Swab well to kick-off.

Return well to production from Morrow. Anticipated rate: 350 MCFPD @ 50# FTP.

14) RDMO. Release all services & equipment.

Shoebar 4-02: Morrow re-activate
API # 30-025-35821

Current Well Configuration			
Shoebar 4-02 (API: 30-025-35821)			
1140 FSL & 660 FWL, M-4-17S-35E			
Elev.: 4007 KB; 3988 GL (KB - GL: 19 ft.)			
	Depth (RKB): ft.		
Casing	top	btm	
11-3/4", 42#, H-40	surface	495	02.01.02: Cmt w/ 360 sx (86 bbl). Circ cmt to surface (142 sx; 34 bbl)
8-5/8", 32#, J-55	surface	4700	02.20.02: Cmt w/ 1633 sx (530 bbl). Circ cmt to surface 452 sx; 156 bbl)
5-1/2", 17#, P-110 w/ DVT @ 7985	surface	12862	03.24.02: Cmt 1st stage: 1263 sx (297 bbl). Open DVT. Circ 162 sx (39 bbl)
			Cmt 2nd stage: 775 sx (276 bbl). Calc TOC: 4300
Tubing			
2-7/8", 6.5#, N-80 tbg	surface	12272	04.30.02:
on-off tool w/ 2.25" F-nipple	12272	12278	
Weatherford Arrow 1X DoubleGrip PKR	12278	12281	
ATOKA COMPLETION INTERVAL	12370	12376	05.01.02: Perforate @ 6 spf (6 ft. - 36 holes; EHD: 0.24")
	12380	12384	05.01.02: Perforate @ 6 spf (4 ft. - 24 holes; EHD: 0.24")
Weatherford Arrow Drill Model B seal-bore PKR	12600	12603	04.11.02:
2-7/8", 6.5#, N-80 tbg	12603	12635	
2-7/8" x 2.25" F-nipple	12635	12636	
2-7/8", 6.5#, N-80 tbg	12636	12667	
2-7/8" x 2.25" R-nipple	12667	12668	04.26.02: Set no-go plug in R-nipple (NOTE: plug may be in-place)
wireline re-entry guide	12668	12669	
MORROW COMPLETION INTERVAL	12770	12780	04.15.02: Perforate @ 6 spf (10 ft. - 60 holes; EHD: 0.34")
PBD	12854		04.10.02: Dri out FC & 87' cmt to 12,854 (cased-hole logger PBD: 12,856)
TD		12862	03.23.02: Driller TD (OH Logger TD: 12,864)



Schematic - Current

SHOE BAR 4-02

District PERMIAN CONVENTIONAL	Field Name VACUUM NORTH	API / UWI 300253582100	County LEA	State/Province NEW MEXICO
Original Spud Date 2/1/2002	Surface Legal Location SEC. 4, T17S, R35E	East/West Distance (ft) 660.00	East/West Reference W	North/South Distance (ft) 1,140.00
North/South Reference S				

VERTICAL - Original Hole, 4/30/2015 1:00:00 PM

