

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
March 4, 2004

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

WELL API NO. 30-025-08058
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 029405A
7. Lease Name or Unit Agreement Name MCA Unit
8. Well Number 51
9. OGRID Number 217817
10. Pool name or Wildcat Maljamar; Grayburg-San Andres

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator ConocoPhillips Company Attn: Celeste Dale	
3. Address of Operator 4001 Penbrook Street Odessa, Texas 79762	
4. Well Location Unit Letter E : 660 feet from the West line and 1980 feet from the North line Section 20 Township 17S Range 32E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) DF 3,959'	
Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)	
Pit Location: UL E Sect 20 Twp 17S Rng 32E Pit type Steel Depth to Groundwater 70' Distance from nearest fresh water well 1-1/2 mile . Distance from nearest surface water 1-1/2 mile . Below-grade Tank Location UL E Sect 20 Twp 17S Rng 32E ; feet from the E line and 660 feet from the West line Using Steel Pit	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach WBD of proposed completion / recompletion.

See Attached plugging procedure.

THE COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO THE BEGINNING OF PLUGGING OPERATIONS FOR THE C-103 TO BE APPROVED.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Tim L. Chase TITLE Senior Engineer Technician DATE 6/11/04

Type or print name Tim L. Chase E-mail address: Jim@TriplenServices.com Telephone No. (432) 570-0029

(This space for State use)

APPROVED BY Harry W. Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE JUN 22 2004
Conditions of approval, if any:

CURRENT WELLBORE SKETCH
ConocoPhillips Company - Permian Basin Business Unit

Date: May 17, 2004

RKB @ _____
 DF @ 3959'
 GL @ _____

12-1/4" Hole
 8-5/8" OD @ 745'
 28#
 Cmt'd w/50 sx
 TOC @ Surface

Subarea : Maljamar
 Lease & Well No. : MCA Unit No. 51
 Legal Description : 1980' FNL & 660' FWL, Sec. 20, T-17-S, R-32-E
 County : Lea State : _____
 Field : Maljamar (Grayburg-San Andres)
 Date Spudded : January 12, 1942 IPP: _____
 API Number : 30-025-08058
 Status: _____
 Drilled as Mitchell-A No. 8

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Down
OH 3939-3985	6/27/46	150 quarts 4-1/2" shells						
OH 3919-3939	6/27/46	30 quarts 3" shells						
OH 3903-3919	6/27/46	50 quarts 4-1/2" shells						
OH 3874-3903	6/27/46	8 buckets pea gravel						
OH 3830-3874	6/27/46	8 sacks calseal						
OH 3736-3775	6/29/46	Shot 120 qt. 4-1/2": shells						
OH 3712-3736	6/29/46	Pea Gravel						
OH 3677-3712	6/29/46	7 sacks Calseal						
	12/16/68	Install Hyd pmpg equip						
		175 BO, 0 BW, 59 Mcf						
	1/15/72	4 Drums Enjay 7816 paraffin solvent	w/220 gals lse crude					
	1/17/72	Mix 10 drum WC-30 w/550 gals fresh wtr						
	1/20/72	15% HCl NE	1,000	1600	0			
	1/22/72	Swedge casing 3217-3246 to 6-1/4" ID'; fish @ 3376						
OH 3675-3820	5/12/72	28% HCl NE	3,000	2700	1700	10.3		
	5/15/72	Set 5" casing (79 jts) @ 3615'						
OH 3615-3670	5/17/72	TGPW frac	15,000	30,000	3700	1700	18.0	
	5/30/72	Pmp 301 BO, 191 BW, 15 Mcf, GOR 52						
OH 3615-3990	7/14/73	28% HCl NE	1,500		1300	1000	3.4	2"
OH 3615-3990	1/7/76	2 Drums TH-763			750		2.5	2-7/8"
	1/12/76	Pmp 28 BO, 67 BW						
OH 3615-3990	9/19/76	28% NE HCl	500		Vac		1.0	
OH 3615-3810	9/22/76	15% NE HCl	500		3200		1.6	
		TGFW frac	17,000	30,000				
		1 Drum scale inhibitor						
		Benzoic Acid	500	1000# RS				
		TGFW Frac	17,000	30,000	3200	3200	16.2	
	11/10/76	Pmp 21 BO, 95 BW pumping w/submersible						
	11/27/76	Install larger P.U. pmp 28 BO, 120 BW						
	11/16/78	Hot oil - paraffin - 20' fill						
	2/3/88	Jet wash to TD						
	10/13/92	CO scale bridge 3630-3653, jet wash to 3990'						
	3/14/96	Hot oil rods and tubing						
	6/25/97	ICO scan tubing out of hole - pitting						
	2/17/98	pmp bad - not economical to repair						
	2/20/98	Set cement retainer @ 3574', circ packer fluid						
		POOH w/tbg and lay down.						
		SUNDRY NOTICE EXPIRES 6/19/04						
	5/17/04	Recommendation to review for recompletion potential or plug and abandon prior to June 19, 2004.						

Swedged possible collapse in 7"
 casing 3217-3246 to 6-1/4" ID (1/72)

7" OD @ 3503'
 20#
 Cmt'd w/150 sx

Cmt Retainer @ 3574'

5" OD Casing @ 3615'
 18# 3281'-3615'
 13# Surf - 3281'
 Cmt'd w/275 sx. Circ 40 sx'
 TOC @ 1850'

OH 3615' - 3990'

PBTD: 3574'
 TD: 3990'

ConocoPhillips

Proposed Plugging Procedure

MCA Unit #51

Maljamar (Grayburg-San Andres) Field

Lea County, New Mexico

See attached wellbore diagrams for wellbore configuration

TA'd (02/98) w/ CICR (no cement cap) @ 3,574'; 5" casing @ 3,615' w/ isolated Open Hole 3,615 – 3,990';

- Notify OCD 48 hrs prior to move in, and 4 hrs prior to plugs
 - Hold daily tailgate safety meetings w/ crews
 - Contact NM Digtess (1-800-321-2537, Account # 6778) minimum 48 hrs prior to move-in
 - Weight change (13# to 18#) in 5" casing @ 3,281'
1. Set steel pit and flow down well as needed. Deliver 3,600' 2 $\frac{3}{8}$ " workstring.
 2. MIRU plugging equipment. ND wellhead and NU 6" 3,000# manual BOP.
 3. RIH w/ workstring, tag CICR @ 3,574'. Circulate hole w/ plugging mud and pump 25 sx C cement on packer to 3,474'. POOH w/ tubing. **GBSA Plug**
 4. RU lubricator and RIH w/ wireline, perforate 5" & 7" casing w/ four 3 $\frac{1}{2}$ " strip-jet perforating gun @ 1,640'. POOH w/ wireline, RD lubricator.
 5. RIH w/ 5" AD-1 packer. Load hole w/ plugging mud. Set packer. Establish rate into perforations and squeeze 60 sx C cement w/ 2% CaCl₂ @ 1,640 – 1,540'. **Base of Salt Plug – WOC & TAG**. POOH w/ tubing.
 6. RU lubricator and RIH w/ wireline, perforate 5" & 7" casing w/ four 3 $\frac{1}{2}$ " strip-jet perforating gun @ 1,250'. POOH w/ wireline, RD lubricator.
 7. RIH w/ 5" AD-1 packer. Load hole w/ plugging mud. Set packer. Establish rate into perforations and squeeze 55 sx C cement w/ 2% CaCl₂ @ 1,250 – 1,150'. **Top of Salt Plug – WOC & TAG**. POOH w/ tubing.
 8. RU lubricator and RIH w/ wireline, perforate 5" & 7" casing w/ four 3 $\frac{1}{2}$ " strip-jet perforating gun @ 845'. POOH w/ wireline, RD lubricator.
 9. RIH w/ 5" AD-1 packer. Load hole w/ plugging mud. Set packer. Establish rate into perforations and squeeze 55 sx C cement 845 - 745'. **Casing Shoe plug – WOC & TAG**. POOH w/ tubing.
 10. RU lubricator and RIH w/ wireline, perforate 5" & 7" casing w/ four 3 $\frac{1}{2}$ " strip-jet perforating gun @ 50'. POOH w/ wireline, RD lubricator.

SPOT 100' PLUG F/400'-300' FW

11. ND wellhead and NU BOP, establish circulation and circulate 25 sx C cement 50' to surface. **Surface Plug**
12. Cut off wellhead and anchors, install dry hole marker. Level location. Leave location clean and free of trash.

PROPOSED WELLBORE SKETCH
ConocoPhillips Company -- Permian Basin Business Unit

Date: June 10, 2004

RKB @ _____
DF @ 3959'
GL @ _____

12-1/4" Hole
5) 25 Sx C cmt 50' - Surface
Perf & Sqz

8-5/8" 28# @ 745' w/50 sx (Circ'd)
4) 50 sx C cmt 845 - 745'
Perf & Sqz Under Pkr

3) 55 sx C cmt 1,250 - 1,150'
Perf & Sqz Under Pkr
Top of Salt @ 1,250' - TAG

2) 60 sx C cmt 1,640 - 1,540'
Perf & Sqz Under Pkr
Base of Salt @ 1,640' - TAG

TOC @ 1,850'

TOC @ 2,750' By Calc

Swedge possible collapsed
casing 3217-3246 to 6-1/4" ID (1/72)

7" 20# w/150 sx @ 3503'

1) 25 sx C cmt on existing CICR 3,574 - 3,474'
Cmt Retainer @ 3574'

5" OD Casing @ 3615'
18# 3281'-3615'
13# Surf - 3281'
Cmt'd w/275 sx. Circ 40 sx'
TOC @ 1850'

OH 3615' - 3990'

PBTD: 3574'
TD: 3990'

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Lease & Well No. : MCA Unit No. 51
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Date Spudded : January 12, 1942 IPP:
API Number : 30-025-08058
Status :
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1/22/72 Swedge casing 3217-3246 to 6-1/4" ID; fish @ 3376
5/15/72 Set 5" casing (79 jts) @ 3615'
2/20/98 Set cement retainer @ 3574', circ packer fluid
POOH w/lbg and lay down.
SUNDRY NOTICE EXPIRES 6/19/04
5/17/04 Recommendation to review for recompletion potential or
plug and abandon prior to June 19, 2004.

PROPOSED PLUGGING PROCEDURE

- 1) 25 sx C cement on existing CICR, Balanced @ 3,574 - 3,474'
- 2) 60 sx C cement plug, Squeeze Under Packer @ 1,640 - 1,540' TAG
- 3) 55 sx C cement plug, Squeeze Under Packer @ 1,250 - 1,150' TAG
- 4) 50 sx C cement plug, Squeeze Under Packer @ 845 - 745' TAG
- 5) 25 sx C cement plug, Squeeze @ 50' - Surface

NOTE: 5-1/2" Casing weight change @ 3,281' (13# to 18#)

