

District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88220
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

RECEIVED
JUL 15 2019
OIL CONSERVATION DIVISION
DISTRICT IV-ARTESIA/O.C.D.

WELL API NO. 30-015-26863
5. Indicate Type of Lease STATE [] FEE [X]
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Pardue Farms 27
8. Well Number: 9
9. OGRID Number 241333
10. Pool name or Wildcat E. Loving Brushy Canyon
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,044' GL

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 [X] Other SWD
2. Name of Operator Chevron U.S.A Inc.
3. Address of Operator 6301 DEAUVILLE BLVD., MIDLAND, TX 79706
4. Well Location Unit Letter G : 1880 feet from the North line and 2080 feet from the East line
Section 27 Township 23S Range 28E NMPM County Eddy

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

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK [] PLUG AND ABANDON [X]
TEMPORARILY ABANDON [] CHANGE PLANS []
PULL OR ALTER CASING [] MULTIPLE COMPL []
DOWNHOLE COMMINGLE []
OTHER: []
SUBSEQUENT REPORT OF:
REMEDIAL WORK [] ALTERING CASING []
COMMENCE DRILLING OPNS [] P AND A []
CASING/CEMENT JOB []
OTHER: TEMPORARILY ABANDON []

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. 8-5/8" @ 500' TOC Surface, 4-1/2" @ TOC 1,874' via CBL, Perforations: 6,150'-6,248', 6,263'-6,621' Isolated by CIBP at 6,256'.

Chevron USA INC respectfully request to abandon this well as follows:

Notify OCD 24 hrs. prior to any work done.

- 1. Call and notify NMOCD 24 hrs before operations begin.
2. MIRU pulling unit.
3. Check well pressures, perform bubble test on the surface casing annulus, if bubble test fails Chevron intends to Zonite or another means of eliminating SCP after the well is plugged to a certain point agreed upon by the NMOCD.
4. Kill well, pressure test tubing t/ 1,000 psi f/ 10 minutes. If tubing fails, prepare t/ test tubing running back in the well.
5. Pull rods, N/U BOPE, unset TAC, and TOH. CIBP @ +/- 6100' w/ 25 sx cut woc + Tag
6. TIH and tag CIBP at 6,256', spot 45 sx CL "C" Cement f/ 6,256' t/ 5,575'. Discuss with engineer on adding fluid loss additives to prevent cement dehydration due to sub-normally pressured reservoir creating a vacuum, WOC & tag plug.
7. Pressure test casing t/ 1,000 psi f/ 10 minutes. discuss with NMOCD on waiving remainder of cement plug spots if casing passes a pressure test. Once casing tests, ensure to spot enough MLF to space cement plugs out in accordance with NMOCD regulations.
8. Spot 25 sx CL "C" Cement f/ 4,790' t/ 4,411' (Brushy Canyon).
9. Spot 30 sx CL "C" Cement f/ 2,682' t/ 2,228' (Bell Canyon, Lamar, B.Salt).
10. Perforate casing at 550' and squeeze/circulate cement from 145 sx CL "C" cement inside and out of 4-1/2" casing (FW, Shoe, T.Salt).
11. Cut all casings & anchors & remove 3' below grade. Verify cement to surface & weld on dry hole marker (4" diameter, 4' tall). Clean location.

Note: All cement plugs class "C" (<7,500') or "H" (>7,500') with closed loop system used.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE [Signature] TITLE P&A Engineer, Attorney in fact DATE 7/10/19

Type or print name Howie Lucas * E-mail address: howie.lucas@chevron.com PHONE: (832)-588-4044

For State Use Only

APPROVED BY: [Signature] TITLE Staff Mgr. DATE 7/17/19
Conditions of Approval (if any):

* See Attached COAs
must be plugged by 7/17/20

RECEIVED

JUL 16, 2019

DISTRICT II-ARTESIA O.C.D.

Pardue Farms 27-9
Current Wellbore Diagram

Created: _____ By: _____
 Updated: _____ By: _____
 Lease: Pardue Farms 27
 Field: Loving East
 Surf. Loc.: 1,880' FNL & 2,080' FEL
 Bot. Loc.: _____
 County: Eddy St.: NM
 Status: Shut-in Oil Well

Well #: 9 Fd./St. #: Fee
 API: 30-015-26863
 Surface: Tshp/Rng: S-23 & E-28
 Unit Ltr.: G Section: 27
 Bottom hole: Tshp/Rng: _____
 Unit Ltr.: Section: _____
 Directions: Carlsbad, NM
 Chevno: OQ1795

Surface Casing

Size: 8 5/8
 Wt., Grd.: 24# LP/STC
 Depth: 500
 Sxs Cmt: 475
 Circulate: 200
 TOC: Surface
 Hole Size: 12 1/4

Production Casing

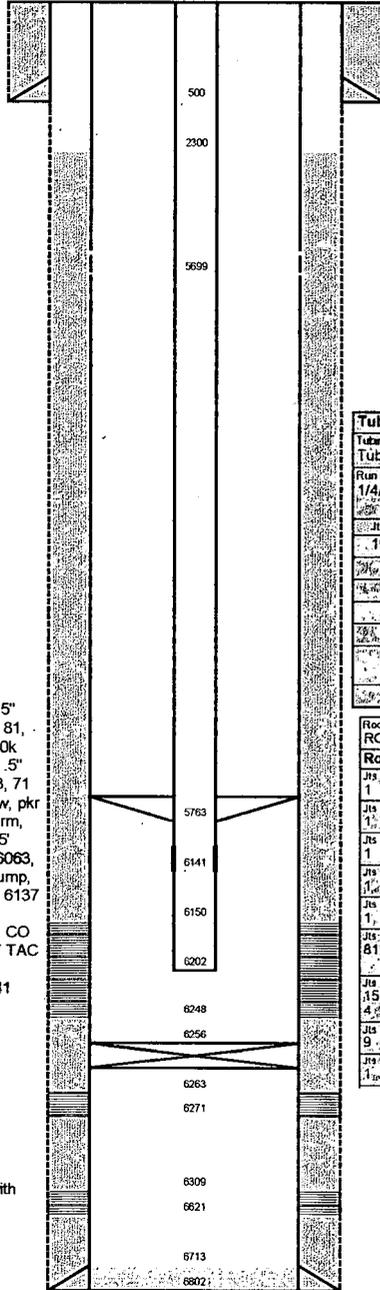
Size: 4 1/2
 Wt., Grd.: 11.6#
 Depth: 6,802
 Sxs Cmt: 1,250
 Circulate: DV Only
 TOC: 1,874' via CBL 11/91
 Hole Size: 7 7/8
 DV Tool: 5,699

Perforations

6150, 60, 79, 85, 93, 6212, 16, 41,
 43, 48, (63, 71, 6309, 31, 81, 97,
 6418, 47, 55, 6523, 38, 51, 81, 90,
 6611, 21 - Isolated)

History

11/3/91 Short Csg Jt. 25' Top 6583.
 11/12/91 Ini Comp: Perf Bone Springs 1 spf 5'
 6309, 31, 81, 97, 6418, 47, 55, 6523, 38, 51, 81,
 90, 6611, 21 (14 hls), frac 45k gls GWX-9 150k
 20/40, CIBP 6290, perf Brushy Canyon 1 spf 5'
 6150, 60, 79, 85, 93, 6212, 16, 41, 43, 48, 63, 71
 (12 hls), frac 45k gls GWX09 155k 20/40, flow, pkr
 5800, swab, CO 145' snd, pkr 6000, surge form,
 pkr stk, unscrew tbg 8' above pkr, washover 5'
 snd, fish pkr, pkr w/snd grd 6042, swab, BP 6063,
 SN 6060, TAC 5785 12k, tag 6260 (fill 30'), pump,
 flow, swab, pump, CO 6220-90, BP 6202 SN 6137
 TAC 5757, pump.
 7/27/92 Commingle: Paraffin 3700, tag 6280, CO
 CIBP, Drl CIBP, CO 6713, tbg 6202 SN 6137 TAC
 5757.
 8/24/92 PB,BS: CIBP 6256, tbg 6202 SN 6141
 TAC 5763.
 3/26/93: Pump fail.
 11/2/93: Tbg leak, cor & wear, 6150.
 3/9/94: Pump fail.
 3/24/94: Tbg leak, cor & wear, 5900.
 5/6/94: Tbg leak 5950.
 7/7/94: Tbg leak, cor & wear, 6000.
 2/14/95: Repl 6 rods & 10 jts tbg.
 3/3/95: Pump stuck.
 7/5/95: Change pump.
 10/27/95: Tbg leak 190th jt (~6000), pitting with
 min wear.
 10/31/95: Inst polish rod w/liner.
 3/5/99: Paraffin.
 10/20/99: SV cage split.
 2/19/00: Polish rod bent.
 12/14/01: Tbg leak.
 8/7/02: Pull rod off pump.
 8/31/02: Respaced pump.



KB: No info

DF: _____

GL: 3,044'

Ini. Spud: 10/20/91

Ini. Comp.: 11/27/91

This wellbore diagram is based on the most recent information regarding wellbore configuration & equipment that could be found in the Midland Office well files & computer / online databases as of the update date above.

Tubing Strings								
Tubing Description	Planned Run?	Set Depth (MD) (ftGRD)	Set Depth (TVD) (ftGRD)					
Tubing - Production	N	6,178.0						
Run Date	Run Job	Put Date	Put Job					
1/4/2002	Pump Repair							
	7/18/2009-03:30							
Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len (ft)	Top (ftGRD)
191	Tubing	2 3/8	2.000	4.70	J-55		6,080.88	-2.7
	TAC	4 1/2					2.70	6,078.2
	Tubing	12 3/8	2.000	4.70	J-55		29.45	6,080.9
1	IPC Blast Joint	2 3/8					30.00	6,110.3
	Seating Nipple	2 3/8					1.10	6,140.3
1	Perforated Tubing-Sub	2 3/8					4.12	6,141.4
1	BPMA	2 3/8					32.45	6,145.6

Rod Description	Planned R...	Set Depth (ftGRD)	Run Date	Put Date				
ROD	N	6,140.3	8/12/2009					
Rod Components								
Jts	Item Description	OD (in)	Wt (lb/ft)	Grade	Scraper Description	Length (ft)	Top (ftGRD)	Bot (ftGRD)
1	Polished Rod	1 1/2				22.00	-13.7	8.3
1	Pony Rod	7/8				4.00	8.3	12.3
1	Pony Rod	7/8				4.00	12.3	16.3
1	Pony Rod	7/8				6.00	16.3	22.3
1	Pony Rod	7/8				6.00	22.3	28.3
81	Sucker Rod	7/8	2.22	Specia		2,025.00	28.3	2,053.3
151	Sucker Rod	3/4	1.83	Specia		3,850.00	2,053.3	5,903.3
9	Sinker Bar	1 1/2	6.01			225.00	5,903.3	6,128.3
1	Rod Insert Pump	1 1/4				12.00	6,128.3	6,140.3

PBTD: 6256'
 TD: 6802'

**Pardue Farms 27-9
Proposed P&A Wellbore Diagram**

Created: _____	By: _____	Well #: <u>9</u>	Fd./St. #: _____	Fee: _____
Updated: _____	By: _____	API: _____	<u>30-015-26863</u>	
Lease: _____	<u>Pardue Farms 27</u>	Surface: _____	Tshp/Rng: <u>S-23 & E-28</u>	
Field: _____	<u>Loving East</u>	Unit Ltr.: _____	<u>G</u>	Section: <u>27</u>
Surf. Loc.: _____	<u>1,880' FNL & 2,080' FEL</u>	Bottom hole: _____	Tshp/Rng: _____	
Bot. Loc.: _____		Unit Ltr.: _____	Section: _____	
County: _____	<u>Eddy</u>	Directions: _____	<u>Carlsbad, NM</u>	
Status: _____	<u>Shut-in Oil Well</u>	Chevno: _____	<u>OQ1795</u>	

Surface Casing

Size: 8 5/8
 Wt., Grd.: 24# LP/STC
 Depth: 500
 Sxs Cmt: 475
 Circulate: 200
 TOC: Surface
 Hole Size: 12 1/4

Production Casing

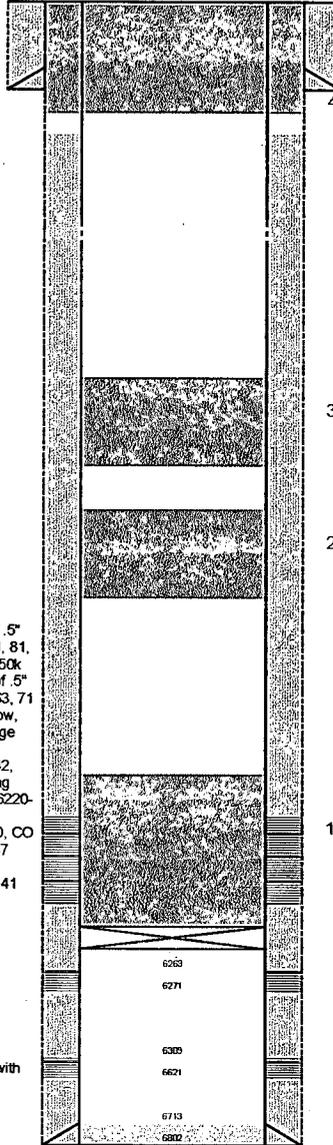
Size: 4 1/2
 Wt., Grd.: 11.6#
 Depth: 6,802
 Sxs Cmt: 1,250
 Circulate: DV Only
 TOC: 1,874' via CBL 11/91
 Hole Size: 7 7/8
 DV Tool: 5,699

Perforations

6150, 60, 79, 85, 93, 6212, 16, 41,
 43, 48, (63, 71, 6309, 31, 81, 97,
 6418, 47, 55, 6523, 38, 51, 81, 90,
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History

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 90, 6611, 21 (14 hls), frac 45k gls GWX-9 150k
 20/40, CIBP 6290, perf Brushy Canyon 1 spf .5"
 6150, 60, 79, 85, 93, 6212, 16, 41, 43, 48, 63, 71
 (12 hls), frac 45k gls GWX09 155k 20/40, flow,
 pkr 5800, swab, CO 145' snd, pkr 6000, surge
 form, pkr stk, unscrew tbg 8' above pkr,
 washover 5' snd, fish pkr, pkr w/snd grd 6042,
 swab, BP 6063, SN 6060, TAC 5785 12k, tag
 6260 (fill 30') pump, flow, swab, pump, CO 6220-
 90, BP 6202 SN 6137 TAC 5757, pump.
7/27/92 Commingle: Paraffin 3700, tag 6280, CO
 CIBP, Dri CIBP, CO 6713, tbg 6202 SN 6137
 TAC 5757.
8/24/92 PB BS: CIBP 6256, tbg 6202 SN 6141
 TAC 5763.
3/26/93: Pump fail.
11/2/93: Tbg leak, cor & wear, 6150.
3/9/94: Pump fail.
3/24/94: Tbg leak, cor & wear, 5900.
5/6/94: Tbg leak 5950.
7/7/94: Tbg leak, cor & wear, 6000.
2/14/95: Repl 6 rods & 10 jts tbg.
3/3/95: Pump stuck.
7/5/95: Change pump.
10/27/95: Tbg leak 190th jt (-6000), pitting with
 min wear.
10/31/95: Inst polish rod w/liner.
3/5/99: Paraffin.
10/20/99: SV cage split.
2/19/00: Polish rod bent.
12/14/01: Tbg leak.
8/7/02: Pull rod off pump.
8/31/02: Respaced pump.



KB: No info

DF: _____
 GL: 3,044'

4 Perforate Ini. Spud: 10/20/91
 at 550' Ini. Comp.: 11/27/91
 Squeeze 145 sx CL "C" Cement
 F/ Surface t/ 550' (FW, Shoe,
 T.Salt)

3 Spot 30 sx CL "C" Cement f/
 2,682' t/ 2,228' (Bell Canyon,
 Lamar, B.Salt)

2 Spot 25 sx CL "C" Cement f/
 4,790' t/ 4,411' (Brushy Canyon)

1 Test tubing t/ 1,000 psi f/ 10 min,
 pull rods and tubing, TIH and tag
 CIBP at 6,256', spot 45 sx CL "C"
 Cement f/ 6,256' t/ 5,575' (BS &
 Perfs, DV Tool)

PBTD: 6256'
 TD: 6802'

Pardue Farms 27-9 (API #30-015-26863)

Formation Top	Depth (MD)	
T Salt	470 (est.)	estimated from offsets & NMOCDC records; no logs covering interval
B Salt	2380 (est.)	estimated from offsets & NMOCDC records; no logs covering interval
Lamar LS	2598 (est.)	estimated from offsets & NMOCDC records; no logs covering interval
Bell Canyon	2632	
Cherry Canyon	3480	
Brushy Canyon	4740	
Bone Spring	6276	
1st Bone Spring	-	
2nd Bone Spring	-	
3rd Bone Spring	-	
Wolfcamp	-	
Strawn	-	
Atoka	-	
Morrow	-	

CONDITIONS FOR PLUGGING AND ABANDONMENT

District II / Artesia N.M.

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, **Notify NMOCD District Office II at (575)-748-1283 at least 24 hours before beginning work.**

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs.
2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
3. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
6. If the well is not plugged within 1
7. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
8. **Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.**
9. Produced water **will not** be used during any part of the plugging operation.
10. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
11. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
12. **Class 'C' cement will be used above 7500 feet.**
13. **Class 'H' cement will be used below 7500 feet.**
14. **A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged**
15. **All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing**

16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
17. **A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.**
18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, **(WOC 4 hrs and tag).**
19. **No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.**
20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
 - A) Fusselman
 - B) Devonian
 - C) Morrow
 - D) Wolfcamp
 - E) Bone Springs
 - F) Delaware
 - G) Any salt sections
 - H) Abo
 - I) Glorieta
 - J) Yates.
 - K) **Potash---** (In the R-111-P Area (Potash Mine Area), a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, **WOC 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.**
21. **If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, WOC and tagged. These plugs will be set 50' below formation bottom to 50' above formation top inside the casing**

DRY HOLE MARKER REQUIREMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least ¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name 2. Lease and Well Number 3.API Number 4. Unit Letter 5. Quarter Section (feet from the North, South, East or West) 6. Section, Township and Range 7. Plugging Date 8. County (SPECIAL CASES)-----AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)