

Submit a 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 July 18, 2013

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

WELL API NO. 30-015-23164
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Palmillo State Com
8. Well Number 01
9. OGRID Number 373075
10. Pool name or Wildcat Turkey Track (Cisco) North

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 XTO Permian Operating, LLC	
3. Address of Operator PO Box 2760, Midland TX 79702-2760	
4. Well Location Unit Letter J : 1980 feet from the South line and 1980 feet from the East line Section 1 Township 19S Range 28E NMPM County Eddy	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

XTO Permian Operating, LLC. respectfully submits this subsequent P&A for approval. Please find attached P&A Summary Report & P&A'd WBD.

Spud Date:

03/25/1980

Rig Release Date:

Approved for plugging of well bore only. Liability under bond is retained pending Location cleanup & receipt of C-103Q (Subsequent Report of Well Plugging) which may be found at OCD Web Page, OCD Permitting @ www.emnrd.state.nm.us

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

SIGNATURE Kristen Houston TITLE Regulatory Analyst DATE 11/03/2023

Type or print name Kristen Houston E-mail address: Kristen.houston@exxonmobil.com PHONE: (432)894-1588

**For State Use Only**

APPROVED BY: [Signature] TITLE Staff Manager DATE 11/21/23  
Conditions of Approval (if any):

Palmillo State 001  
API 30-015-23164  
P&A Summary Report

10/4/23: Notified David Alvarado w/NMOCD (505-670-8745) for P&A ops/frac protect @ 10:56 am. Remv & replc WH bolts. Spread caliche to level out pad for Base Beam. MIRU.

10/5/23: Unseat pmp. LD 3 - 7/8" rods. MIRU hotoiler trk. Pmp dwn csg w/100 bbls FW. Pmp dwn tbg w/45bbls FW w/paraffin solvent @ 220 degree.

10/6/23: Pumped 50bbls TFW dwn backside. ND WH flange. install hanger. function test BOP before install, NU BOP and test.) good test (250psi low/3500psi high). TOH 122 joints 2-3/8" tbg.

10/9/23: POOH with 185 jts 2 3/8 N-80 tubing. Move in and rig up wireline unit. Test lubricator to 500 PSI, tested good. Make guage run with 4.27 guage. Tagged cement at 10575. POOH with guage ring. TIH with 5 1/2 CIBP. Set plug at 8675. Rig down WL.

10/10/23: No venting. Move in and rig up Hydrostatic testers. TIH with 2 3/8 N80 EUE testing to 6500#. Tagged CIBP at 8667 with 279 jts tubing. Move in cement pump and pump 206 bbls 10# brine with 50 sxs gel mud. Tested casing to 500# for 5 mins. Good test. Pumped 50 sxs Class H cement on top of CIBP at 8667.

10/11/23: No venting. TIH and tagged TOC at 8374'. Lay down jt 270 and test casing to 500# for 30 mins. Tested good. Move in and rig up wireline. Run perforating gun with 4 shots. Perforate casing at 5532. POOH with wireline. Pick up 3 jts and run to 5592 with 180 jts. Rig up cement truck and spot 25 sxs Class C cement from 5592 to 5339. Displace with 20 bbls. Pull up hole to 5314 and reverse out with 20 bbls. 5.87 total slurry, 14.8 ppg, 1.32 yield, 33 cu/ft

10/12/23: No venting. TIH and tag top of cement at 5567 w/jt 180. Cement either went in perforations or got reversed out. Tried pumping into perms but no injection rate. Call was made to re-spot. Spotted 25 sxs from 5567 to 5314. Pull up to 4700 and reverse out with 20 bbls. WOC 4 hours. TIH and tagged TOC at 5353 with jt 173. TOH laying down 51 jts. 122 jts in the hole at 3785. Not able to perforate due to wind conditions. Secured well, shut down.

10/13/23: No venting. Rig up WL and perforate @ 3884. POOH with WL. Shut in casing and pumped down tubing. Injection rate of 2bpm @ 1000PSI, pumped 10 bbls. POOH with tubing. TIH with AD1 tension packer and 173 jts to 3506. Set packer and rigged up cement pump. Pumped 45 sxs Class C, displaced with 18.75 bbls. 10.79 total slurry bbls. Shut in pressure 500#. WOC 4 hours. Tubing pressure 0 PSI. Rig up wireline and tag for fill. Tagged cement at 3588. Load string gun and shoot holes at 3587. Pumped down tubing and established injection rate 3bpm @ 1000PSI with full circulation at intermediate.

10/14/23: No venting. Bleed off pressure. Move packer up hole to 3298 with 106 jts. Set packer and test backside to 500# for 5 mins. Good test. Bleed down to 200# and shut in. Pumped 144 bbls 10# brine w/dye down tubing, out intermediate. Got dye back at calculated capacity of 138 bbls. Moved in another cement bulk truck. Pumped 8 bbls 10# with dye. Pumped 525 sxs class C cement. Displaced with 15.25 10#. Shut in pressure 700#. Cement to surface at intermediate. Remarks 123.32 Slurry volume; 1.32 yield; 15.25 displacement; 525 sxs; 14.8 ppg.

10/16/23: No venting. Release packer and POOH with packer and tubing. Move in wireline unit and RIH with CBL tools. Tag TOC at 3314. Run CBL to surface. Top of cement behind 5 1/2 from 700 to 3314. POOH with CBL tools and rig down wireline. TIH with tubing to 3087 w/100 jts. Rig up Brigade wireline and TIH with strip gun, perforate at 3298. POOH with wireline. POOH to 2464 w/80 jts. RIH with wireline, perforate at 2552. POOH with wireline. POOH to 737 with 24 jts. RIH with wireline, perfoate at 836.

10/17/23: Rig down wireline unit. Move in cement crew and rig up. Spot 260 sxs cement from 3306 to 736, 3 bbls displacement. Rig down cementers. POOH laying down 84 jts. EOT at 706, 23 jts. Reverse out with 20 bbls. Pull up hole to 367 with 12 jts in the hole. 60 sxs Class C, 1.32 yield, 3 bbls displacement, 14.8 ppg, 2570 feet of fill.

10/18/23: Move in wireline unit. Rig up wireline to 2 3/8 tubing. RIH with string gun and tag TOC at 902. Perforate at 875. Rig down wireline. TIH to 892 with 29 jts. Spot 20 sxs from 875 to 736. Pull up to 710 and reverse out 20 bbls. WOC. Rig up wireline and and tag top of cement at 718. Shoot perms at 700' and 50'. Rig down wireline. Pick up packer and set at 93'. Remarks: 20 sxs Class C, 1.32 yield, 2.75 bbls displacement, 14.8 ppg, 156 feet of fill.

10/19/23: Release packer, POOH. RIH with 23 jts to 708'. Spot cement from 708 - 460 with 25 sxs Class C, 1.32 yield, 1.78 bbls displacement, 14.8 ppg. Displace with 1.78 bbls. POOH to 398, reverse out POOH with tubing. Wait on cement 4 hours. Rig up wireline and tag TOC at 410. Shoot holes at 409. POOH with wireline. TIH with 3 jts to 93' and set packer. Pumped total 35 bbls. Release packer, POOH. Secure well, shut down.

10/20/23: **Wait on ODC orders.** Picked up packer and set at 286 with 9 jts. Rig up cementers. Establish injection rate. 1 bpm @ 700#. Squeeze 25 sxs cement Class C, 1.32 yield, 3.0 bbls displacement, 14.8 ppg, 5.87 slurry. from 286 to 409. Cement injection rate was 1 bpm @ 1000#. Displaced cement with 3 bbls. WOC 4 hours. Call was made to re-squeeze. Squeezed 25 sxs, Class C, 1.32 yield, 2.5 bbls displacement, 14.8 ppg, 5.87 slurry.

10/23/23: Release packer, TIH and tag top of cement at 363. Pull up to 305 and set packer. Tested casing from 305 - 363 to 500#. Good test. Move in WL and shoot holes at 200'. Set packer at 69' and pump down tubing to try to circulate. Wait on cement equipment. Move in and rig up pump and bulk tank. Squeezed 25 sxs Class C, 1.32 yield, 2.0 bbls displacement, 14.8 ppg, 5.87 slurry.

10/24/23: Pull out of hole with wireline. Tested squeeze at 500# for 10 mins, good test. Rig up wireline and shoot holes at 200'. Rig down wireline. Squeeze 50 sxs, displace with 1 bbl. Wait on cement 4 hours. Rig up wireline and tag top of cement at 70'. Nipple down BOP, nipple up B-1 adapter flange. Pump 45 sxs cement to surface. 1.5 bpm @ 500#.

10/23/23: Rig down pulling unit and reverse unit. Clean location, install barrier around wellhead. XTO construction to cut csg and install DHM.



## Schematic - Vertical with Perfs

Well Name: Palmillo State 001

API/UWI 3001523164	SAP Cost Center ID 1135851001	Permit Number	State/Province New Mexico	County Eddy
Surface Location T19S-R28E-S01	Spud Date 3/25/1980 00:00	Original KB Elevation (ft) 3,404.00	Ground Elevation (ft) 3,385.00	KB-Ground Distance (ft) 19.00

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)
1.0			KB @ 0' Elevation: 3404'; 0.0
19.0			Spud Date: 3/25/1980; 1.0
23.6			Completion Date: 5/30/1980; 2.0
39.4			GL @ 19' Elevation: 3385'; 19.0
56.1			Cement; Cement Plug - Other; 70.0 ftKB
125.0			Squeeze Holes; 55.0-56.0 ftKB
131.9			Cement; 70.0-133.0 ftKB; 50 sxs tagged ; 10/24/2023
206.0			Squeeze Holes; 125.0-126.0 ftKB
409.1			Cement; 132.0-206.0 ftKB; 25 sxs tagged ; 10/23/2023
700.1			Surface; 15 in; 410.0 ftKB
708.0			Squeeze Holes; 409.0-410.0 ftKB
712.9			Surface; 11 3/4 in; 410.0 ftKB
875.0			Squeeze Holes; 700.0-701.0 ftKB
901.9			Cement; 363.0-708.0 ftKB; 50 sxs twice & Tagged ; 10/20/2023
2,798.6			Cement; 713.0-875.0 ftKB; 20 sxs Class C; 10/18/2023
3,200.1			Squeeze Holes; 875.0-876.0 ftKB
3,247.0			Cement; 902.0-3,306.0 ftKB; 260 sxs Class C; 10/17/2023
3,250.0			Intermediate; 11 in; 3,250.0 ftKB
3,306.1			Intermediate; 8 5/8 in; 3,248.0 ftKB
3,586.9			Squeeze Holes; 3,586.0-3,587.0 ftKB
3,733.9			Cement; 3,587.0-3,886.0 ftKB; 45 sxs ; 10/13/2023
3,883.9			Squeeze Holes; 3,884.0-3,885.0 ftKB
3,886.2			Brushy Canyon (final)
5,353.0			Cement; 5,353.0-5,567.0 ftKB; 2nd ( 25 sxs ) ; 10/12/2023
5,482.6			Squeeze Holes; 5,532.0-5,533.0 ftKB
5,533.1			Cement; 5,567.0-5,592.0 ftKB; no injection 25 sxs ; 10/11/2023
5,591.9			5-1/2" TOC (est) @ ; 7,700.0; 5/13/1980
7,700.1			Production; 7 7/8 in; 11,250.0 ftKB
8,475.1			Cement; 8,374.0-8,667.0 ftKB; 30 sxs & Tagged . ; 10/10/2023
8,669.0			Bridge Plug - Permanent; 8,667.0-8,669.0 ftKB; 10/10/2023
8,683.1			Acidizing
8,794.9			Perforated; 8,693.0-8,795.0 ftKB
9,471.1			Cement; Cement Squeeze; 8,795.0 ftKB
9,512.1			Acidizing
10,259.8			Perforated; 9,490.0-9,512.0 ftKB
10,565.0			Cement; Cement Plug; 10,600.0 ftKB
10,601.0			PBTD; 10,565.0 ftKB
10,751.0			Acidizing
10,817.9			Acidizing
10,997.0			Perforated; 10,879.0-11,042.0 ftKB
11,054.1			Acidizing
11,191.9			Perforated; 10,997.0-11,054.0 ftKB
11,211.0			Cement; Production Casing Cement (plug); 11,550.0 ftKB
11,250.0			Production; 5 1/2 in; 11,250.0 ftKB
			TD - Original Hole; 11,250.0 ftKB
			TD @ ; 11,250.0

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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 282525

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 282525
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	11/21/2023