

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 July 18, 2013

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

WELL API NO. 30-015-29337
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 OXY MAKO STATE COM
8. Well Number #1
9. OGRID Number 24010
10. Pool name or Wildcat Turkey Track, Morrow, North (Gas) (86500)

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 V-F PETROLEUM INC.	
3. Address of Operator P.O. Box 1889, Midland, TX 79702	
4. Well Location Unit Letter <u>J</u> : <u>1370</u> feet from the <u>South</u> line and <u>1650</u> feet from the <u>East</u> line Section <u>5</u> Township <u>19S</u> Range <u>29E</u> NMPM <u>Eddy</u> County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3399' GL	

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.

Please find attached the P&A Work Detail and a Final WBD for the referenced well

Well Plugged 5/1/2023

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 Ryan B Curry TITLE Regulatory Supervisor DATE 6/2/2023

Type or print name Ryan Curry E-mail address: ryan@vfpetroleum.com PHONE: 432-683-3344

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Specialist DATE 6/9/23
 Conditions of Approval (if any):

From: [Alvarado, David, EMNRD](#)
To: [Bill Pierce](#)
Subject: Re: [EXTERNAL] Request change in plugging method
Date: Thursday, April 20, 2023 1:38:08 PM

Good Bill,
I see no problem of the above changes.
V-F Petroleum will follow the conditions for plugging and abatmete procedures forward.
Please attach this email with your C-103 Subsequent Report.

Regards,

David Alvarado
EMNRD OCD
C- 505-670-8745

Thanks,
David.

From: Bill Pierce <bill@vfpetroleum.com>
Sent: Thursday, April 20, 2023 9:52:51 AM
To: Alvarado, David, EMNRD <David.Alvarado@emnrd.nm.gov>
Subject: [EXTERNAL] Request change in plugging method

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Mr. Alvarado,

V – F Petroleum Inc. requests a change in the plugging method to be utilized on the following well:

Oxy Mako State Com #001
API Number: 30-015-29337
Unit Letter J
Section 5 – T19S – R29E
Eddy County, New Mexico

V – F respectfully requests the we be allowed to leave the existing 5 ½" production casing intact and utilize the perf and squeeze method of plugging the well.

We feel this change will enhance the quality of the cement plugs placed in the wellbore and of course it is inherently safer to leave the casing intact from an operational stand point.

If you need any additional information regarding this request, please feel free to contact our production foreman Chris Mabrey @ 432 664-2451 or the Operations Manager Bill Pierce @ 432 683-3344.

Thank you for your time and consideration in this matter.

Regards,
Bill Pierce
Operations Manager
V – F Petroleum Inc.
O: 432 683-3344
e-mail: bill@vfpetroleum.com

Work Detail**Oxy Mako State Com #1****30-015-29337****P&A Summary**

03/24/23 Load tubing with 33 barrels and casing with 10 barrels. Work on WH bolts. Broke top nuts and cut bottom nuts. LD tree and release on & off tool to remove wrap around. Nipple up BOP. Pull out of hole w/250 joints of 2 3/8" tubing; tally out of hole. Had drag coming off bottom. SWI. SDFN.

03/25/23 No press on well. Finish POOH w/tubing; no packer recovered, had upper half of On & Off tool. Tool looks good; RIH w/same. Attempt to latch up on packer, unable to do so. Pick up swive, . wash off top of packer, latch upon same and release. RD swivel. SDFW.

03/28/23 SICP 0 psi., SITP 300#. Bled pressure off tubing and run in hole w/packer. Pick up two joints. Packer has bad drag in 20# csg. Pull out of hole w/packer and 2 joints of tail pipe. LD packer and start running in hole w/open ended tubing w/ 4' perf sub on bottom. Run in hole to 7,600'. SDFN.

03/29/23 No press on well., finish RIH w/tubing. Tag up on fill @ 10,700'. Pump down tubing and attempt to wash tubing string deeper, unable to get any deeper. Contact NMOCD rep and he said to set CIBP @ 11,700'. POOH w/tubing. SDFN.

03/30/23 No press on well. RU wireline and run in hole w/4 1/2" junk basket gage ring and set dwn at 10,586'. Contact OCD rep and instructed to clean out fill. RD wireline and pick up 4 5/8" bit and csg scraper w/6 - 3 1/2" drill collars. Tag @ 10,590' bit bouncing. Circ clean. Had metal cuttings. Contact OCD rep and instructed to set CIBP @ 10,590'. RD swivel and pull out of hole w/70 stands. SDFN.

03/31/23 Pull out of hole with collars and bit. RU wireline and run in hole w/CIBP. Set at 10,574.5' and RD wireline. Run in hole w/4' per sub and 45 stands tbg. SDF high winds. SWI. SDFN.

04/01/23 Run in hole with tubing to CIBP at 10,574.5'. Nipple up B-1 flange and land on BOP. SWI for future cement work. Ready to RD WSU and release all equipment. SD high winds.

04/17/23 MIRU WSU, prepare to pump cement. RU Big E and set balanced 25 sacks of Class H cement plug on top of CIBP at 10,574'. POOH w/tubing to depth of 9,500', SDFN.

04/18/23 Run in hole and tag cement plug at 10,350'. Pull out of hole w/15 stands of tubing pulling wet. Finish pulling out of hole utilizing mud bucket and vacuum truck. Find cement in last four joints. RU Apollo Wireline, RIH w/4 1/2" gauge ring junk basket, tag at 10,312'. Run in hole w/CIBP and set at same at depth of 10,312, RD wireline truck. Run in hole w/tubing and set 25 sacks Class H balanced plug on top of CIBP. Pull out of hole w/15 stands. SWI. SDFN.

04/19/23 Finish TIH w/tubing, tag cement plug at 9,805'. RU Big E cement pump truck. Attempt to establish circulation down tubing, pressured up to 3,000#, could not pump down tubing. RD cement pump truck and pull out of hole w/tubing, found 21 joints plugged, last 10 joints were clean. SDFN.

04/20/23 Run in hole w/tubing to depth of 9,800'. SDFN. No cement pump truck available until tomorrow.

04/21/23 RU cement pump truck, computer on mixing blender would not communicate with mixing pump. Wait on mechanic for 4 hours, fixed problem and resumed operations. Mixed and pumped 35 sacks Class H with 16 barrels of plug mud ahead of slurry; balance plug at 9,700'. Pull out of hole with tubing to 9,100', reversed out tubing with clean fluid. WOC 4 hours, RIH and tagged plug @ 9,390'. Pull out of hole with tubing to depth of 8,950'. Attempt to break circulation, unable to do so. RD cement pump truck, SDFN.

04/23/23 Pull wet tubing string out of hole utilizing mud bucket and vacuum truck. Found cement plug in tubing 300' above end of tubing string, approximately 1/2 sack of cement. Clean out cement plug and run in hole to depth of 8,950' to pump 25 sack plug.

Work Detail**Oxy Mako State Com #1****30-015-29337****P&A Summary**

04/25/23 RU cement pump truck, pumped balanced 25 sack Class H cement plug pumping 16 bbls mud ahead of plug at depth of 8,950'. Pull out of hole with tubing and depth of 7,800' and reverse tubing clean. While WOC, attempted to pressure test casing; established circulation up annulus of intermediate casing and production casing. TIH and tagged cement plug @ 8,705'. Pull out of hole with tubing and perforated sub. Run in hole with 5 1/2" AD-1 tension packer, set at depth of 5,000'. Attempted to pressure test casing above packer and were not able to gain any pressure or load backside. Pressure up below packer to 500#, casing pressure tested successfully. Have hole in production casing above depth of 5,000'. Run in hole w/packer to depth of 7,900'. Ready to perf and squeeze, SDFN.

04/26/23 Set AD-1 packer at depth of 7,675'. RU Apollo Wireline; run in hole w/6 shot through tubing perforating gun, perforated 6 holes at depth of 8,575'. POOH w/wireline and RU Big E cement pump truck. Pressured to 2,000# psi, held, could not pump into perforations. Run in hole with perforating gun and perforated 6 holes at depth of 8,590'. Were able to pump into perforations, squeezed 75 sacks Class H cement with NMOCD personnel wanting top of plug no lower than 8,413'. WOC 3 hours. POOH w/54 joints of tubing laying same down in singles, set packer at depth of 6,180'. Run in hole w/perforating gun and tag cement plug at 8,255', NMOCD personnel OK'd plug top. Pull perforating gun to depth of 6,990'. Perforate 6 squeeze holes and pumped 50 sacks of Class C cement into squeeze holes displacing same with 9.2 ppg plug mud. SDFN.

04/27/23 Run in hole w/perforating gun, tagged previous plug top @ depth of 6,842'. Pull up w/perforating gun and shoot 6 squeeze holes at depth of 5,000'. Pull packer to depth of 3,590'; pumped 50 sack Class C neat plug and squeezed into perforations @ 5,000'. WOC 3 hours and pulled packer to depth of 2,093'. Set packer and press tested 5 1/2" casing to 500# psi, held OK. Ran perforating gun and perforated 6 squeeze holes at depth of 3,050'. Squeeze perforations @ 3,050' with 100 sacks of Class C cement successfully. SDFN.

04/28/23 Pull out of hole w/34 jts tbgs. Set pkr at 1,020'. Run in hole w/6 shot through tbgs perf gun. Tag previous plug at 2,200'. Perf csg at 2,000'. Pmp 75 sacks Class C net cmt. Squeeze at 1,400# psi. SI WOC 3 hrs. Pull out of hole w/tbgs to 300'. Run in hole w/perf gun. Tag plug at 1,100'. Shoot final holes at 445'. Pull out of hole w/wireline. RD. LD tbgs and tbgs equipment. Remove BOP. Install B-1 flange on WH. Start off w/cmt and circ to surf. SI intermediate csg and squeeze w/total of 150 sacks of Class C. SI and RD cmt pmpg WSU.

04/29/23 Check out cmt levels and cmt didn't fall back. Pick up tbgs to be inspected and tested 292 jts. Line up for tanks to be cleaned. Dig out cellar and remove WH and install marker.

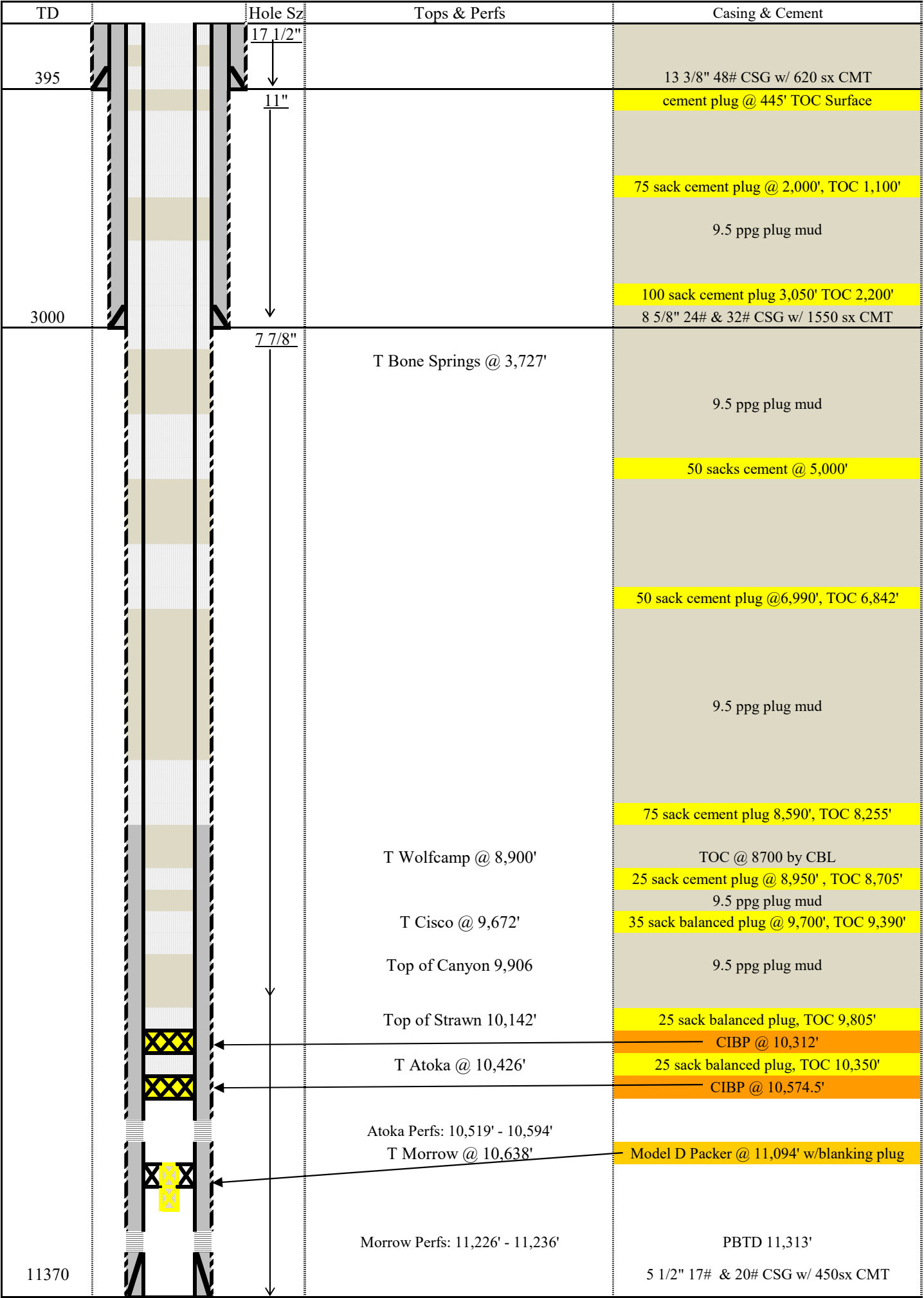
05/01/23 Install dry hole marker

06/02/2023

Well: OXY Mako State Com #1
Location: 1370 FSL and 1650 FEL
Sec 5 T-19-S R-28-E
Eddy County, New Mexico
API# 30-015-29337

Operator: V-F Petroleum Inc.
Field: Turkey Track Morrow, W.
Elevation: GL= 3399
KB-GL= 18
KB= 3417

WELLBORE SCHEMATIC AFTER PLUG AND ABANDONMENT



REMARKS: Wellbore after Plugging and abandonment Operations.

District I
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District IV
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 223221

CONDITIONS

Operator: V-F PETROLEUM INC P.O. Box 1889 Midland, TX 79702	OGRID: 24010
	Action Number: 223221
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	6/9/2023