

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

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

Form C-103  
Revised July 18, 2013

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.)		WELL API NO. <b>30-015-30064</b>
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator		6. State Oil & Gas Lease No. <b>V-2372</b>
3. Address of Operator		7. Lease Name or Unit Agreement Name <b>Cactus 16 State</b>
4. Well Location Unit Letter <b>P</b> : <b>660</b> feet from the <b>South</b> line and <b>660</b> feet from the <b>East</b> line Section <b>16</b> Township <b>24S</b> Range <b>31E</b> NMPM County <b>Eddy</b>		8. Well Number <b>2</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number <b>4232</b>
10. Pool name or Wildcat <b>Poker Lake Delaware</b>		

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"/>	<b>P AND A</b> <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.

See attached plugging report and as plugged wellbore diagram.

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 Mark Torres TITLE P&A Engineer DATE 7/7/2023

Type or print name Mark Torres E-mail address: marktorres@chevron.com PHONE: 989-264-2525

**For State Use Only**

APPROVED BY: John Harrison TITLE Petroleum Specialist DATE 7/10/2023

Conditions of Approval (if any):



P&A Operations Summary - External

Well Name CACTUS 16 STATE 002	Field Name POKER LAKE	Lease CACTUS 16 STATE	Area Delaware Basin
Business Unit EMC	County/ Parish Eddy	Global Metrics Region EMC US East	Surface UWI 3001530064
Basic Well Data			
Current RKB Elevation	Original RKB Elevation (ft) 3,532.00	Latitude (°) 32° 12' 42.624" N	Longitude (°) 103° 46' 32.7" W
Daily Operations			
Start Date	Summary		
6/5/2023	Arrive on location hold safety meeting JSA, tenet #5, E colors, HOP, H-H. Check location clear no gas. Spot in equipment. Sunset preform CAD 3 inspection and change out all guy lines. Crew Lunch. Rig up rig and equipment. Spot in racks and load with 105 joints of tubing. Check well for pressure and gas, TBG 6 LEL No PSI, PROD 6 LEL No PSI, INTER 15 LEL O/L CO, SURFACE 0 Gas No PSI. Ready to Install BOPE secure well debrief EOT.		
6/6/2023	Arrive on location hold safety meeting JSA, tenet # 6, E colors, HOP, H-H. Check location clear no gas. Check well for gas and pressure. No Pressure, Production casing 6 LEL, Intermediate casing 10 LEL, O/L CO, Surface Casing no gas. Install BOPE. Rig up working floor. Test BOPE to 250 Low and 1500 High for 10 minutes. Measure tubing Install retrieving tool RIH with 2 3/8" tubing to 2500' no RBP Peak tool service man call his shop and they said that it was pulled on 5-8-2023. POOH with 2 3/8" tubing. Remove retrieving tool and install new retrieving tool RIH with 2 3/8" tubing to 4346' get onto RBP and release. Pull up 3 joints and secure well, Debrief, EOT.		
6/7/2023	Arrive on location hold safety meeting JSA, tenet # 7, E colors, HOP, H-H. Check location clear no gas. Check well for gas and pressure. Tubing had 500 psi, Production casing had 450 psi., Intermediate casing no gas, Surface Casing 100 CO. Bleed production casing down to 1/2 tank. Circulate 90 bbl of 10# brine from 4250' to surface. Pooh with 2 3/8" tubing and RBP. Brake off RBP and load in service mans truck. Crew Lunch. RIH with 2 3/8" tubing from Surface to below DV tool. Circulate well bore only got partial returns. Place 25 sacks class C cement across DV tool. POOH with 2 3/8" above cement. Secure well, Debrief, EOT.		
6/8/2023	Arrive on location hold safety meeting JSA, tenet # 8, E colors, HOP, H-H. Check location clear no gas. Check well for gas and pressure, Production casing had 5 psi., no gas, RIH with 2 3/8" tubing to tag TOC plug was gone. Circulate 75 bbl had good circulation. Call Chevron and Deon from NMODC and got plan approved to place a second plug across DV tool. Pump 5 BBL ahead Place 25 sacks class C cement, Yield 1.32, WT 14.8, 5.8 bbl. from 6057' to 5804'. Pull up safe to 4807' WOC. RIH with 2 3/8" tubing trag TOC at 5836'. Pumped 28 bbl of salt gel. Pull up to 5330. Mix & Pump 5 bbl. fresh water spacer, followed by 25 sks neat CL "C" cmt. WT 14.8 lbs./gal, YLD 1.32 cu/ft 5.8 bbl. cement.		
6/9/2023	Arrive on location hold safety meeting. Check location clear no gas. Check well for gas and pressure, No gas, no gas, RIH with tubing to tag TOC @ 5172'. POOH with tubing from 5172' to Surface. RIH with 5 1/2" CIBP found casing collars at 4365', 4397', Set CIBP at 4407'. POOH with setting tool. Pressure test production casing to 500 PSI for 15 minutes test good. RIH with tubing from surface to 3970' RIH with perf gun Tag top of CIBP at 4400' and shot perfs at 4350'. Try to Establish an injection rate, was not able to inject into the formation. RIH to top of CIBP at 4400' Mix & Pump 26 sks. Pull up safe with tubing. Wash up equipment. Secure Well, EOT.		
6/10/2023	Review JSA, Check PSI, TIH Tag TOC 4124, TOH 2 3/8 TBG, Spot Apollo WireLine, RUN CBL to TOC, LD WL, Secure Well, Secure Equipment, Depart Location		
6/12/2023	Arrive on location hold safety meeting. Check location and well for gas and pressure. RIH with 2 3/8" tubing. tagged TOC at 4124'. Place 161 sacks class C cement from 4124' to 2500'. POOH with tubing to 1500'. WOC. Rig up wire line truck and perf gun shot perfs at 2505'. POOH with wire line circulate 120 bbl between 5 1/2" and 8 5/8" casing. Secure well EOT		
6/13/2023	Arrive on location, Hold safety meeting. Check location and well for gas and pressure. Bubble test Production, intermediate, surface casing. RIH with tubing tagged Top of cement at 2642'. Called Chevron and Deon David with the NMODC and got plan forward. Placed 248 sks of cement from 2624' to 1500'. Pull up safe. WOC Crew Lunch, Knight crew working on head bolts. Rih tagged top of cement at 1745' with tubing. called Chevron and Deon with ODC about moving the cut down to top of cement plan approved. POOH with tubing. Rig/Up wire line truck and cutter RIH tagged at 1680' cut at 1678' POOH attempt to circulate no circulation prod casing holding. Secure well EOT		
6/14/2023	Arrive on location, Hold safety meeting. Check location and well for gas and pressure. Well control drill. Bubble test Production, intermediate, surface casing. Called NMODC and talked to David and he approved plan forward. Rigged up wire line truck RIH shot perfs at 1630' POOH. Attempt to circulate no circulation pressured up. RIH shot perfs at 1585' POOH was able to circulate well. RIH with 5 1/2" jet cutter cut pipe at 1585' Rig down wire line truck. Rig down floor. Crew Lunch. Remove BOPE. Remove cross over spool. Pick up 5 1/2" casing spear and engage 5 1/2" casing, Unable to work free. Install BOPE. Secure well EOT		
6/15/2023	Arrive on location hold safety meeting. Check location and well for gas and pressure. Spot in yellow jacket casing jacks and do inspection there was 2 lift slings and a winch line that was out dated. Yellow jack said they couldn't do the job. Called Chevron and called looking for a new casing jack company. Secured well Debrief, EOT		
6/16/2023	Arrive on location hold safety meeting. Check location and well for gas and pressure. Bubble test all strings passed. Spot in yellow jacket casing jacks passed inspection. Remove BOPE. Rig up casing jacks and casing spear. Pull on 5 1/2" casing unable to pull casing free. Call chevron got plan forward ordered out 3 1/2" drill pipe pups. Make up BHA Pull on 5 1/2" casing unable to pull free. Rig down jacks and spear. Install BOPE. Secure well, Debrief, EOT		
6/19/2023	Arrive on location set up location hold safety meeting. Check location and well for gas and pressure. Call New Mexico OCD for plan forward approval. Pump 50 bbl and established circulation at 250 PSI. Get approval to cut and pull. RIH with cutter and cut casing at 1445' POOH with wire line tools. Rig down wire line truck. Crew Lunch. Rig down floor. Nipple down BOPE. Pick up 5 1/2" spear and engage casing. Pull casing up to collar and remove hanger. set down casing . Install BOPE and rig up floor. Crew Break HOT Temperatures. Set up equipment to pull and lay down casing. Lay down two joints Secure well, Debrief, EOT		
6/20/2023	Arrive on location hold safety meeting. Check location and well for gas and pressure. Safety meeting with casing crew. POOH with 1445' of casing. Well / BOPE drill. Rig down all casing equipment. Change BOPE rams and install cross over spool. Spot and rig up Renegade wire line. Run casing bond log from 1400' to surface. Rig down wire line truck and equipment. Secure well Debrief, EOT		
6/21/2023	Arrive on location set up location hold safety meeting. Check location and well for gas and pressure. Bubble test Intermediate and surface casing. RIH with 8 5/8" scraper to 1445'. Circulate well bore. POOH with scraper. RIH with tubing to TOC tagged at 1652'. Place 30 sack pump from 1652' to 1407'. POOH with tubing. Crew Lunch. RIH with 8 5/8" packer test casing at 517', 707', 1024', 1342'. POOH with packer. Secure well, Debrief, EOT.**** Temperatures at above 110*****		
6/22/2023	Arrive on location hold safety meeting. Check location and well. Bubble test. Tagged TOC at 1434' RIH with 8 5/8" packer to 1024'. Inject 50 bbl. POOH with 8 5/8" packer. Crew Lunch. Rig up wire line truck. Shot perfs at 1433', 1383', 1338', 1283', Had miss fire. Secure well, Debrief, EOT		
6/23/2023	Arrive on location hold safety meeting. Check location. Crew check rig and location. Safety stand down with Sunset. RIH to start perfling well. Miss Fire at 1233.		
6/24/2023	Arrive on location hold safety meeting. Check location. Crew check rig and location. Safety stand down with Sunset.Review Disarm Procedure for Miss Fire, POH Perforating Gun @ 14:30, Break Down and Disarm. Secure Well, Secure Equipment, Depart Location		
6/26/2023	Arrive on location. Crew set up trailers. Hold safety meeting. Crew took wire line truck to different location, crew finish setting up location. Wait on wire line truck. When wire line arrived crew re headed wire line. Tested all connections made up perf gun rih had low resistance Followed protocol		
6/27/2023	Arrive on location hold safety meeting. Check location and well, Bubble test casing, Shoot perfs at 1233', 1183', 1133', BOPE Drill,1 1083', 1033', lunch 983'. break from heat. perf 935', breat from heat perf 880' secure well EOT		
6/28/2023	Checked pressure's 0 psi all strings. Bubble tested all strings tested good. Continued perforating. Perf'd at 833', 783', 733', 683', 633'. Spot 200 sx class C f/ 1433' t/ 1002'. Perforated at 583' and 533' while WOC.		
6/29/2023	Checked pressure's 0 psi all strings. Bubble tested all strings tested good. TIH tagged cement at 1301'. Gravity squeeze 200 sx class C f/ 1301' t/ 871'. While WOC perforated 8 5/8" at 483', 436' and 383'. Tagged cement at 1110'. Gravity squeeze 200 sx class C f/ 1110' t/ 679'.		
6/30/2023	Checked pressure's 0 psi all strings. TIH tagged cement at 761'. Spot 200 sx class C f/ 761' t/ 326'. Perf'd at 333', 283', 233', 183', 133', 83' and 50'. TIH tagged cement at 289'.		
7/1/2023	Checked pressure's 0 psi all strings. Bubble tested all strings tested good. TIH tagged cement at 289'. Spot 160 sx class C f/ 289' t/ surface. N/D BOPE. RDMO.		

## AS PLUGGED WELLBORE DIAGRAM

FIELD: Carlsbad East API NO.: 30-015-30064 Spud Date: 3/16/1998  
 LEASE/UNIT: Cactus 16 State CHEVNO: TD Date: 3/31/1998  
 WELL NO.: 2 PROD FORMATION: Comp Date: 4/20/1998  
 COUNTY: Eddy ST: New Mexico STATUS: SI Oil Well GL: 3,515'  
 LOCATION: 660' FSL & 660' FEL, Unit P, Sec. 16, T-24S, R-31E KB:

Base of Fresh Water: 325'

## Surface Casing

Size: 11-3/4"  
 Wt., Grd.: 42#  
 Depth: 690'  
 Sxs Cmt: 590 sx  
 Circulate: Yes, 243 sx  
 TOC: Surf  
 Hole Size: 14-3/4"

## Intermediate Casing

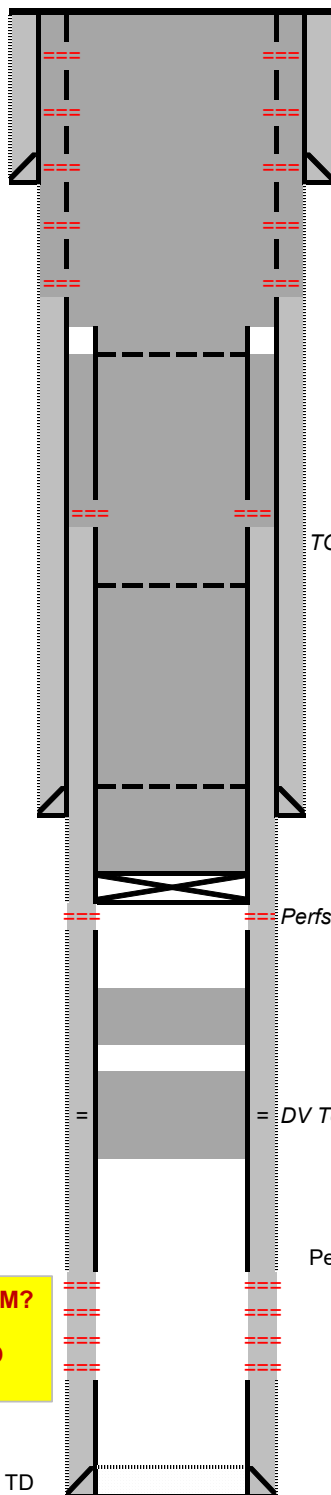
Size: 8-5/8"  
 Wt., Grd.: 24#/32#  
 Depth: 4,299'  
 Sxs Cmt: 850 sx  
 Circulate: No  
 TOC: Unknown  
 Hole Size: 11"

## Production Casing

Size: 5-1/2"  
 Wt., Grd.: 17#  
 Depth: 8,570'  
 DV Tool: 5,992'  
 Sxs Cmt: 1475 sx  
 Circulate: No  
 TOC: Unknown  
 Hole Size: 7-7/8"

Formation	Top (MD)
Rustler	609'
Top of Salt	950'
Base of Salt	4,397'
Lamar	4,397'
Bell Canyon	4,442'
Cherry Canyon	5,330'
Brushy Canyon	6,575'
Bone Spring	8,298'
Avalon	8,371'

**H2S Concentration >100 PPM?**  
**NO**  
**NORM Present in Area? NO**



## R-111-P: Yes

6/22-7/1/23: Perf 8-5/8" @ 1,433', 1,383', 1,338', 1,283', 1,233', 1,183', 1,133', 1,083', 1,033', 983', 935', 883', 783', 733', 683', 633', 583', 533', 483', 436', 383', 333', 283', 233', 183', 133', 83', 50'.

## Cement across perforations as follows:

Spot 200 sx Class C f/ 1,434' - 1,002'; tag @ 1,110'

Spot 200 sx Class C f/ 1,110' - 670'; tag @ 761'

Spot 200 sx Class C f/ 761' - 325'; tag @ 289'

Spot 160 sx class C f/ 289' - 0'

6/21/23: Cut/Pull 5-1/2" f/ 1,445'; spot 30 sx Class C f/ 1,652' - 1,407'

Tag plug @ 1,434'; attempt to pressure test, discover holes throughout 8-5/8"

6/13/23: Perf @ 2,505', est. circulation to surface; spot 248 sx Class C f/

2,642' - 1,500'; squeeze cement around, ETOC @ 1,680'. Tag plug @ 1,652'

TOC @ 2,500' via CBL on 6/10/2023

6/12/23: Spot 161 sx Class C f/ 4,124' - 2,500'; WOC &amp; tag plug @ 2,642'

6/9/23: Set CIBP @ 4,400'; spot 26 sx Class C f/ 4,400' - 4,137'

WOC &amp; tag plug @ 4,124'; psi test plug to 1500 psi, good test

Perfs: 4,450' - 4,462'

6/8/23: Spot 25 sx Class C f/ 5,330' - 5,077'; WOC &amp; tag @ 5,172'

6/8/23: Spot 25 sx Class C f/ 6,057'; WOC &amp; tag @ 5,836'

DV Tool @ 5,992'

6/7/23: Spot 25 sx Class C f/ 6,057'; no tag

## Perfs:

8,195' - 8,208'

8,213' - 8,215'

8,218' - 8,227'

8,229' - 8,233'

8,570' TD

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CONDITIONS

Action 237284

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 237284
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	7/10/2023