

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.  
NMNM113944

6. If Indian, Allottee or Tribe Name

7. Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on page 2****Carlsbad Field Office**  
**OCD Artesia**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. COTTONWOOD 29-32 FED COM WCA 3H
2. Name of Operator CHISHOLM ENERGY OPERATING, LLC Contact: JENNIFER ELROD Email: jelrod@chisholmenergy.com		9. API Well No. 30-015-43703
3a. Address 801 CHERRY ST., SUITE 1200 - UNIT 20 FORT WORTH, TX 76102	3b. Phone No. (include area code) Ph: 817-953-3728	10. Field and Pool or Exploratory Area PURPLE SAGE;WOLFCAMP
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T26S R26E Mer NMP NENE 100FNL 1300FEL 32.202282 N Lat, 104.310621 W Lon		11. County or Parish, State EDDY COUNTY, NM

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

\*\*\*PROD CSG/RIG RELEASE SUDNRY\*\*\*

02/01/2018-DRILL PRODUCTION HOLE TO 14841'TD  
02/02/2018-RUN 5.5", 20# P-110 CSG FROM 0-2072'; RUN 5.5" P-110 CDC 20# CSG 2072'-7500'  
02/03/2018-TALKED TO STEVEN W/BLM ABOUT UPCOMING CMNT JOB; RUN 354 JTS 5.5" 20# P-110 CSG SET @ 14825'; FC SET @ 8600'MD; MKR JT SET @ 7402'MD; PUMP 640 SXS(333 BBLs) 50/50 H LEAD CMNT @ 2.92 YIELD; PUMP 2400 SXS (513 BBLs) 50/50 H TAIL CMNT @ 1.2 YIELD W/ 109 BBLs CMNT BACK TO SURFACE  
02/04/2018-WOC 8 HRS; NIPPLE DOWN BOPS; INSTALL WELL CAP; TEST WELL CAP TO 5000 PSI; 15 MIN, GOOD TEST; RIG DOWN  
02/05/2018-RIG RELEASE @ 00:00

*SC 3-5-18*  
Accepted for record - NMOCD

14. I hereby certify that the foregoing is true and correct. Electronic Submission #403986 verified by the BLM Well Information System For CHISHOLM ENERGY OPERATING, LLC, sent to the Carlsbad Committed to AFMSS for processing by PRISCILLA PEREZ on 02/15/2018 ()	
Name (Printed/Typed) JENNIFER ELROD	Title SR. REGULATORY TECH
Signature (Electronic Submission)	Date 02/09/2018
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By <i>Mustafa Hague</i>	Title PETROLEUM ENGINEER
BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE	
Date 2-28-2018	

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

1/23/18 Drill Production Hole - WASHING AND REAMING F/ 10657' T/ 11227' - GPM 544, RPM 75, CIRC TO DO A CLEAN UP CYCLE. START PP 2442 / TORQUE 14,000. END PP 2350 / TORQUE 12,500, RE-LOG LAST 100' TO BOTTOM. ROTATE / SLIDE F/ 11291' T/ 11540' 279'@ 46.5'HR, RPM 65, WOB 30, GPM 545, PP OFF BTM 2350 / ON BTM 2650 PSI, DIFF 300, OFF BTM TORQUE 10-13K / ON BTM 16-19K, SURVEY AND CONNECTIONS., ROTATE / SLIDE F/ 11540' T/ 11953' 413'@ 41'HR, RPM 65, WOB 30, GPM 545, PP OFF BTM 2350 / ON BTM 2650 PSI, DIFF 300, OFF BTM TORQUE 10-13K / ON BTM 16-19K, SURVEY AND CONNECTIONS.

1/24/18 Drill Production Hole - ROTATE / SLIDE F/ 11953' T/ 12257' 304'@ 43.4'HR, RPM 70, WOB 30, GPM 602, PP OFF BTM 2900 / ON BTM 3200 PSI, DIFF 300, OFF BTM TORQUE 10-13K / ON BTM 16-19K, SURVEY AND CONNECTIONS, SERVICE RIG. ROTATE / SLIDE F/ 12257' T/ 12362' 105'@ 42'HR, RPM 70, WOB 30, GPM 602, PP OFF BTM 2900 / ON BTM 3200 PSI, DIFF 300, OFF BTM TORQUE 10-13K / ON BTM 16-19K, CIRC AND DO A CLEAN UP CYCLE DUE TO TORQUE. START OF CYCLE PP 2900 PSI / TORQUE 14500K, FINISHED PP 2850 PSI / TORQUE 13500K, ROTATE / SLIDE F/ 12362' T/ 12390' 28'@ 28'HR, RPM 70, WOB 30, GPM 602, PP OFF BTM 2900 / ON BTM 3200 PSI, DIFF 300, OFF BTM TORQUE 10-13K / ON BTM 16-19K, HAD TO RECYCLE PUMPS 2 TIMES IN THIS HR. TROUBLE SHOOT MWD. BACK REAM F/ 12405' T/ 11400'

1/25/18 Drill Production Hole - BACK REAMING OUT HOLE F/ 11400' T/ 9983', SERVICE RIG. BACK REAMING OUT HOLE F/ 9983' T/ 9400', POOH F/ 9400' T/ 3470'. PULL ROTATE HEAD. POOH F/ 3470' T/ BHA. LAY DOWN BHA. PICK UP NEW BHA AND SURFACE TEST. GOOD TEST. TRIP IN HOLE F/ BHA T/ 10,000' - TAGGED UP. WASH & REAM F/ 10,000' T/ 10,800'

1/26/18 Drill Production Hole - WASH & REAM F/ 10800' T/ 12360'. CIRC 2 BOTTOMS UP W/ WORKING PIPE. RE-LOG F/ 12360' T/ 12405'. ROTATE / SLIDE F/ 12405' T/ 12738' 333'@ 60.5'HR, RPM 60, WOB 25, GPM 502, PP OFF BTM 2100 / ON BTM 2350 PSI, DIFF 250, OFF BTM TORQUE 14K / ON BTM 20K, SURVEY AND CONNECTIONS, ROTATE / SLIDE F/ 12738' T/ 13265' 527'@ 52.7'HR, RPM 60, WOB 25, GPM 502, PP OFF BTM 2050 / ON BTM 2350 PSI, DIFF 300, OFF BTM TORQUE 14K / ON BTM 20K, SURVEYS AND CONNECTIONS

1/27/18 Drill Production Hole - ROTATE / SLIDE F/ 13265' T/ 13780' 515'@ 51.5'HR, RPM 60, WOB 25, GPM 502, PP OFF BTM 2300 / ON BTM 2550 PSI, DIFF 350, OFF BTM TORQUE 14K / ON BTM 20K, SURVEY AND CONNECTIONS, CIRC TO CLEAN HOLE UP WHILE WORKING PIPE. PP 2300 / TORQUE 14K. AFTER BTM UP PP 2250 / TORQUE 13.4K, ROTATE / SLIDE F/ 13780' T/ 13793' 13'@ 13'HR, RPM 60, WOB 25, GPM 502, PP OFF BTM 2300 / ON BTM 2550 PSI, DIFF 350, OFF BTM TORQUE 14K / ON BTM 20K. TRYING TO SLIDE THE LAST 3', GOT STUCK. WORKING PIPE FREE. ROTATE DRILL F/ 13793' T/ 13809', WOB 20, GPM 552, RPM 65. CIRC AND WORKING PIPE. HOLE ACTS LIKE WALL FELL IN. CAN CIRC BUT HOLE TIGHT. BACK REAM 5 STDs OUT. TRIED TO DO CLEAN UP CYCLE, BUT TO TIGHT TO WORK UP AND DOWN. BACK REAMING OUT HOLE SLOW @ 13000' - GPM 250, RPM 20

1/28/18 Drill Production Hole - BACK REAMING F/ 13000' T/ 12700', CIRC 2 SWEEPS AROUND W/ WORKING PIPE. SERVICE RIG. WASH & REAM F/ 12700' T/ 13785'

1/29/18 Drill Production Hole - REAMING F/ 13785' T/ 13809', ROTATE / SLIDE F/ 13809' T/ 14221' 412'@ 58.8'HR, RPM 60, WOB 23, GPM 552, PP OFF BTM 2775 / ON BTM 3000 PSI, DIFF 250, OFF BTM TORQUE 14K / ON BTM 19K, SURVEY AND CONNECTIONS, ROTATE/SLIDE F/ 14221' T/14590 369' @33.5'

RPM 60 WOB 24 GPM 552 PP OFF BTM 2800 /ON BTM 3050, DIFF 180, OFF BTM TQ 14K ON BTM TQ 20K, SURVEY AND CONNECTION

1/30/18 Drill Production Hole - ROTATE/SLIDE F/14590'T/14721' 131'@ 13.8 RPM 60 WOB 18 GPM 552 OFF BTM 2880/ON BTM 3000 PSI DIFF 180 OFF BTM TQ 15K / ON BTM 20K, SERVICE RIG. ROTATE/SLIDE F/14721'T/14841' 120'@ 20 RPM 60 WOB 18 GPM 552 OFF BTM 2880/ON BTM 3000 PSI DIFF 180 OFF BTM TQ 15K / ON BTM 20K, LOST 200 PSI PRESSURE. CHECK PUMPS, PUMPS GOOD. POOH F/ 14841' T/ 12500' WET LOOKING FOR WASHOUT.

1/31/18 Drill Production Hole - BACK REAM F/ 12500' T/ 11700', PULL F/ 11700' T/ 10600', REAM F/ 10600' T/ 10500', PULL F/ 10500' T/ 10010', REAM F/ 10010' T/ 9400', PULL F/ 9400' T/ BHA. LAY DOWN MWD, STABILIZER, FLEX WEIGHT, MAKE UP BIT # 9, TRIP IN HOLE WITH BIT # 9 FILL PIPE @ 40 STANDS TO 7800'.

2/1/18 Drill Production Hole - TRIP IN HOLE F/8155' T/9880' (WASHED F/9230' T/9420') REAM F/9880' TO 14841, CIRC, ROTATE & CIRC OUT OF HOLE F/14841' TO 13500'

2/2/18 Run & Cement Production Casing - BACK REAMING F/ 13500' T/ 12800'. TRIP OUT HOLE F/ 12800' T/ 6260'. LAY DOWN DRILL PIPE F/ 6260' T/ BIT. PULL WEAR BUSHIN, SAFETY MEETING, RIG UP CASING CREW, MAKE UP FLOAT COLLAR SHOE TRACK & RUN 5 1/2 P-110 CDC-20# CASING F/ SHOE TO 2072', CHANGE TONG DIES ON POWER TONGS, RUN 5 1/2 P-110 - CDC- 20# CASING 2072' TO 7500'.

2/3/18 Run & Cement Production Casing - RAN 354 JTS 5 1/2" 20# P-110 CDC CASING. SHOE @ 14825', FLOATATION COLLAR @ 8600', MARKER JT @ 7402'. TALKED TO STEVEN @ BLM ON CEMENTING PRODUCTION CASING. RIG DOWN CASING CREWS. CIRC AND BURST DISC @ 1850 PSI, PUMP AIR OUT AND DROP INDICATOR PLUG AND PUMP IT DOWN, BURST THAT DISC @ 1050 PSI. HELD SAFETY MEETING WITH CEMENTING CREW, RIG CREW AND CO MAN. CEMENT 5 1/2 CASING, BUMP PLUG 500 PSI OVER @ 10.23 BLEED BACK PRESSURE TO 500 PSI AND PUMP RUPTURE DISK CHECK FLOATS BLEED BACK 2.25 BBLS FLOATS NOT HOLDING CHECK FLOATS EVERY HOUR FOR 3 HOURS FLOATS NOT HOLDING, WAIT 3 MORE HOUR'S (109 BBLS CEMENT BACK TO SURFACE) BLEED OFF PRESSURE FLOATS HELD, RIG DOWN OTXE CEMENTERS, FINISH NIPPLE DOWN BOP'S

2/4/18 Run & Cement Production Casing - NIPPLE DOWN BOP'S. REMOVE DRILLING ADAPTER, INSTALL WELL CAP AND TORQUE. TEST WELL CAP TO 5000 PSI F/ 15 MINS. GOOD TEST. RIG DOWN CASING BAILS AND ELEVATORS. REMOVE CASING SLIPS OFF FLOOR. GET FLOOR READY TO L/D DRILL PIPE OUT MOUSE HOLE. LAY DOWN DRILL PIPE OUT DERRICK IN MOUSE HOLE