

NM OIL CONSERVATION
ARTESIA DISTRICT

MAY 31 2017

Form C-105
Revised August 1, 2011

Submit To Appropriate District Office
Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
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

RECEIVED NO. 30-015-42320

2. Type of Lease
 STATE FEE FED/INDIAN
3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:
 COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)
 C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

5. Lease Name or Unit Agreement Name
CASCADE FEE
6. Well Number:
001

7. Type of Completion:
 NEW WELL WORKOVER DEEPENING PLUGBACK DIFFERENT RESERVOIR OTHER

8. Name of Operator **RKI EXPLORATION & PRODUCTION, LLC**

9. OGRID **246289**

10. Address of Operator **3500 One Williams Center, MD 35
Tulsa, OK 74172**

11. Pool name or Wildcat **Cass Draw Bone Springs**
PURPLE SAGE WOLF CAMP GAS POOL (98220) 10388

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	J	32	22S	27E		1650	S	1650	E	EDDY
BH:	J	32	22S	27E		1650	S	1650	E	EDDY

13. Date Spudded 08/10/2014	14. Date T.D. Reached 08/23/2014	15. Date Rig Released 1/31/2015	16. Date Completed (Ready to Produce) 5/19/2017	17. Elevations (DF and RKB, RT, GR, etc.) 3160 GR
18. Total Measured Depth of Well TVD 9,617.67 TD 9,620'	19. Plug Back Measured Depth TVD 9,570.71 TD 9,573'	20. Was Directional Survey Made? Yes	21. Type Electric and Other Logs Run Gamma	
22. Producing Interval(s), of this completion - Top, Bottom, Name Bone Spring (5,385-8,840)				

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13.375"	48#	0-425'	17.5"	430 sks	86 sks back to sfc
9.625"	36#	0-1,923'	12.25"	675 sks	194 sks back to sfc
7"	26#	0-7,939'	8.75"	762 sks	152 sks off dv
7"	26#	7,939'-9,620	8.75"	810 sks	202 sks back to sfc

LINER RECORD

TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	5,620'	N/A

26. Perforation record (interval, size, and number) 6,450' - 8,684' .40 diameter holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 6,450' - 8,684' 978,718 bbls fluid 6,450' - 8,684' 1,165,571 lbs proppant
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PRODUCTION

28. Date First Production 5/19/2017		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING			Well Status (Prod. or Shut-in) PRODUCING		
Date of Test 5/21/2017	Hours Tested 24	Choke Size 19	Prod'n For Test Period	Oil - Bbl 174	Gas - MCF 291	Water - Bbl. 346	Gas - Oil Ratio 1.67
Flow Tubing Press 600	Casing Pressure 2250	Calculated 24-Hour Rate	Oil - Bbl. 174	Gas - MCF 291	Water - Bbl. 346	Oil Gravity - API - (Corr.) 48 @ 72 degrees	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) **sold** 30. Test Witnessed By

31. List Attachments
n/a


32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. If an on-site burial was used at the well, report the exact location of the on-site burial:

New forms can be found in the
New Mexico State Website in forms:
[http://www.emnrd.state.nm.us/
OCD/forms.html](http://www.emnrd.state.nm.us/OCD/forms.html)



I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature  Printed Name **CRYSTAL FULTON** Title **PERMITTING TECH I** Date **05/30/17**

E-mail Address **Crystal.Fulton@WFXEnergy.com**

MAY 31 2017

INSTRUCTIONS

RECEIVED

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinbry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

**OIL OR GAS
SANDS OR ZONES**

No. 1, from.....to..... No. 3, from.....to.....
No. 2, from.....to..... No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
No. 2, from.....to.....feet.....
No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
<1750	1884	>134	BELL CANYON				
1884	2721	837	CHERRY CANYON				
2721	3764	1043	BRUSHY CANYON				
3764	5385	1621	BONE SPRING				
5385	9499	4114	WOLFCAMP				

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ARTESIA DISTRICT

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RECEIVED

Cascade Fee 1 - Formation Tops

Formation Name	Src	MD	SSTVD	TVD
BELL_CANYON	GEO	1,884	-1,300	1,883
CHERRY_CANYON	GEO	2,721	-463	2,720
BRUSHY_CANYON	GEO	3,764	-580	3,763
KINGREA	GEO	4,406	-1,222	4,405
TIDE	GEO	4,472	-1,287	4,470
LOWER_BRUSHY_CANYON	GEO	5,057	-1,873	5,056
BONE_SPRING	GEO	5,385	-2,200	5,383
AVALON_UPPER	GEO	5,499	-2,314	5,497
AVALON_LOWER	GEO	5,713	-2,528	5,711
1ST_BONE_SPRING_SAND	GEO	6,423	-3,238	6,421
1ST_BONE_SPRING_LIME	GEO	6,674	-3,489	6,672
2ND_BONE_SPRING_SAND	GEO	7,002	-3,817	7,000
3RD_BONE_SPRING_LIME	GEO	7,144	-3,959	7,142
HARKEY_SAND	GEO	7,894	-4,709	7,892
3RD_BONE_SPRING_SAND	GEO	8,522	-5,337	8,520
WOLFCAMP_TOP	GEO	8,840	-5,654	8,837
WOLFCAMP_A	GEO	8,986	-5,800	8,983
WOLFCAMP_B	GEO	9,128	-5,942	9,125
WOLFCAMP_C	GEO	9,349	-6,163	9,346
WOLFCAMP_D	GEO	9,502	-6,316	9,499