

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

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

Form C-103
Revised August 1, 2011

WELL API NO. 30-015-41009	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No. B0-2071-0034	
7. Lease Name or Unit Agreement Name Washington 34 State SWD	
8. Well Number 002	
9. OGRID Number 873	
10. Pool name or Wildcat SWD; Wolfcamp-Cisco (96136)	
4. Well Location Unit Letter <u>N</u> : <u>590</u> feet from the <u>South</u> line and <u>1705</u> feet from the <u>West</u> line Section <u>34</u> Township <u>17S</u> Range <u>28E</u> NMPM County <u>Eddy</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3662' GR	

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: Completion ☒

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.

Apache has done the following in continuation of the the work completed on April 1-5th.

6/13/2013 Perf Wolfcamp/Cisco @ 7402', 16', 32', 43', 62', 74', 82', 88', 7514', 37', 69', 7614', 36', 60', 70', 74', 7700', 13', 17', 46', 50', 59', 70', 87', 7817', 38', 48', 58', 68', 78', 88', 98', 7908', 18', 28', 38', 48', 58', 68', 78', 88', 98', 8013', 25', 43', 50', 62', 78', 93', 8123', 55', 96', 8212', 30', 45', 68', 8300', 20', 50', 72', 8400', 25', 50', 66', 80', 98', 8516', 46', 61', 84', 98', 8619', 40', 79', 8700', 18', 52', 95', 8846', 78', 8912', 49', 9032', 63', 9104', 36', w/ 1 SPF, 86 holes.

6/25/2013 Acidize w/ 20,118 gals 15% NEFE acid. Acid frac w/ 20,496 gals 15% NEFE acid.

7/01/2013 NU BOP. RIH w/ pkr on 4-1/2" 8RD EUE J-55 Duoline tbq. Pkr would not set.

7/02/2013 POOH w/ damaged tbq.

7/03/2013 RIH w/ new tbq & set pkr @ 7355'. Circ pkr fluid & test csg to 500# for 15 min.

7/08/2013 Run 4 Point Injectivity test.

7/11/2013 Perform Step Rate Test. Ran MIT test w/ Mr. R. Inge(OCD) who witnessed & held chart. Csg held @ 476# for 30 minutes.

7/22/2013 Acidize w/ 10,466 gals 15% HCL NEFE acid.

7/23/2013 Run injectivity test down tbq. SI well. Place well on injection @ later date.

9/30/2013 Well put on injection for 2 hrs. Encountered problems. SI well.

Spud Date: 02/24/2013

Rig Release Date: 03/25/2013

RECEIVED

OCT 21 2013

NMOCD ARTESIA

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

SIGNATURE

TITLE Regulatory Tech II

DATE 10/16/2013

Type or print name Fatima Vasquez

E-mail address: Fatima.Vasquez@apachecorp.com

PHONE: (432) 818-1015

For State Use Only

APPROVED BY:

TITLE Dr. J. Spawson

DATE 10/22/2013

Conditions of Approval (if any):



Treatment Report

page 1

Customer:	APACHE	Ticket:	65687
Well Name & No.:	WASHINGTON 34 STATE #2	Formation:	0.00
County:	EDDY	Date:	July 23, 2013
State:	NM	Well type:	Disposal, Old / Stim.
Customer Information			
Address:	0.00		
City, State:	0.00		
Zip Code:	0		
Customer Representative:	DAVID PEDROZA		



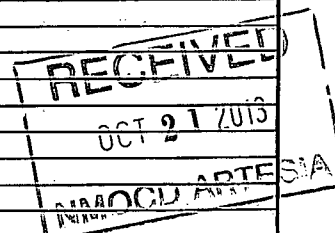
Remarks

Arrive on Location:	6:00 AM
Depart Location:	10:00 AM
Total Hours:	4.00

	Depth	Old	Weight	ID	Volume	Bbls/linear ft
Tubing 1 length ft:	N/A		0	0.000	0.00 BBLS	0.00000
Tubing 2 length ft:					0.00 BBLS	0.00000
Casing 1 length ft:	N/A	5 1/2	0.00	0.000	##### BBLS	0.00000
Casing 2 length ft:					0.00 BBLS	0.00000
Open Hole length ft:		N/A	N/A		0.00 BBLS	0.00000
Combined Depth ft:	#VALUE!				BBLS	0.00000
Annular Vol:						0.00000

Top Perforation:	N/A	#VALUE!	Maximum Pressure:	4125	ISIP:	3470
Bottom Perforation:	N/A	#VALUE!	Average Pressure:	3532	5 min:	2981
Number of Perfs:	N/A		Maximum Rate:	9.0	10 min:	2614
Perf Size:	0.31	in.	Average Rate:	6.3	15 min:	2256
Packer Depth:	N/A	ft.	Fluid to Recover:	482.9	Proppant Total:	

Time	STP	Casing	Rate	Stage	Total	Comments
6:00:09 AM	0					SAFETY MEETING
7:20:20 AM	4932	0.0	0.0		1.2	PRESSURE TESTED LINES
7:22:13 AM	576	21.0	0.8		0.1	ON WATER STEP RATE .8BPM
7:35:07 AM	1074	20.0	0.8		10.0	10 BBLS
7:48:16 AM	1141	18.0	0.8		20.0	20 BBLS
7:54:58 AM	1152	17.0	0.7		25.0	25 BBLS
7:56:22 AM	1210	17.0	1.0		26.0	1 BPM
8:06:07 AM	1342	16.0	1.0		36.0	10 BBLS
8:15:56 AM	1381	15.0	1.0		46.0	20 BBLS
8:21:01 AM	1393	15.0	1.0		51.0	25 BBLS
8:27:11 AM	1282	14.0	1.5		57.9	1.5 BPM
8:34:19 AM	1636	13.0	1.5		67.9	10 BBLS
8:41:05 AM	1696	12.0	1.4		77.9	20 BBLS
8:44:37 AM	1717	13.0	1.4		82.9	25 BBLS
8:45:37 AM	1854	12.0	2.0		84.4	2 BPM
8:50:24 AM	2008	12.0	2.0		94.4	10 BBLS
8:55:36 AM	2093	12.0	2.0		104.4	20 BBLS
8:57:55 AM	2120	12.0	2.0		109.4	25 BBLS
8:58:33 AM	2178	12.0	2.5		110.3	2.5 BPM
9:02:52 AM	2279	12.0	2.5		120.3	10 BBLS
9:06:27 AM	2317	12.0	2.5		130.5	20 BBLS
9:08:50 AM	2345	11.0	2.5		135.3	25 BBLS
9:09:35 AM	2417	11.0	3.0		137.5	3 BPM
9:12:42 AM	2505	11.0	3.0		147.5	10 BBLS
9:16:05 AM	2555	11.0	3.0		157.5	20 BBLS
9:17:44 AM	2559	11.0	3.0		162.5	25 BBLS
9:18:23 AM	2646	11.0	3.5		164.0	3.5 BPM
9:21:03 AM	2666	11.0	3.5		174.0	10 BBLS
9:23:57 AM	2737	11.0	3.5		184.0	20 BBLS
9:25:24 AM	2746	11.0	3.5		189.0	25 BBLS
9:26:12 AM	2825	11.0	4.0		191.8	4 BPM



Treatment Report Cont./APACHE-WASHINGTON 34 STATE #2

7/23/2013

Page 2

Time	Slip	Rate	Slip	Total	Comments
9:28:37 AM	2883	11	4	201.8	10 BBLS
9:31:06 AM	2907	11	4	211.8	20 BBLS
9:32:21 AM	2949	11	4	216.8	25 BBLS
9:33:05 AM	2993	11	4.5	219.6	4.5 BPM
9:35:12 AM	3058	11	4.5	229.6	10 BBLS
9:37:27 AM	3082	11	4.5	239.6	20 BBLS
9:38:32 AM	3065	11	4.5	244.6	25 BBLS
9:39:09 AM	3180	11	5	247.2	5 BPM
9:41:04 AM	3180	11	5	257.2	10 BBLS
9:43:01 AM	3225	11	5	267.2	20 BBLS
9:44:01 AM	3241	11	5	272.2	25 BBLS
9:44:37 AM	3309	11	5.5	274.7	5.5 BPM
9:46:21 AM	3311	11	5.5	284.7	10 BBLS
9:48:08 AM	3384	11	5.5	294.7	20 BBLS
9:49:04 AM	3359	11	5.5	299.7	25 BBLS
9:49:31 AM	3423	11	6	301.5	6 BPM
9:51:02 AM	3449	11	6	311.5	10 BBLS
9:52:44 AM	3470	11	6	321.5	20 BBLS
9:53:34 AM	3460	11	6	326.5	25 BBLS
9:53:58 AM	3512	11	6.5	328.4	6.5 BPM
9:55:24 AM	3560	11	6.5	338.4	10 BBLS
9:57:00 AM	3584	11	6.5	348.4	20 BBLS
9:57:42 AM	3598	11	6.5	353.4	25 BBLS
9:58:49 AM	3649	11	7	359.7	7 BPM
10:00:10 AM	3662	11	7	369.4	10 BBLS
10:01:29 AM	3710	11	7	379.7	20 BBLS
10:02:12 AM	3700	11	7	384.7	25 BBLS
10:03:03 AM	3775	11	7.5	389.5	7.5 BPM
10:04:18 AM	3797	11	7.5	399.5	10 BBLS
10:05:40 AM	3804	11	7.5	409.5	20 BBLS
10:06:19 AM	3801	11	7.5	414.5	25 BBLS
10:06:51 AM	3921	11	8	418.0	8 BPM
10:08:00 AM	3916	11	8	428.0	10 BBLS
10:09:17 AM	3945	11	8	438.0	20 BBLS
10:09:50 AM	4002	11	8	443.0	25 BBLS
10:10:19 AM	4046	11	8.5	446.0	8.5 BPM
10:11:21 AM	4043	11	8.5	456.0	10 BBLS
10:12:29 AM	4102	11	8.5	466.0	20 BBLS
10:13:01 AM	4116	11	8.5	471.0	25 BBLS
10:13:57 AM	4125	11	9	438.0	9 BPM
10:16:37 AM	3500	11	0	482.9	SHUT DOWN

Washington 34 State #2 - Step-Rate Injectivity - Surface Pressure

