



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Pecos District
Carlsbad Field Office
620 E. Greene

Carlsbad, New Mexico 88220-6292
www.blm.gov/nm



NM134086X
3180 (P0220)

Reference

2014 Review of Operations and 2015 Plan of Development
Cedar Lake Communitization Agreement NM134086
Eddy County, New Mexico

B: 14099
C: 15316

CERTIFIED—RETURN RECEIPT REQUESTED
7008 3230 0002 0987 3291

FEB 23 2015

Apache Corporation
303 Veterans Airpark Lane, Suite 3000
Midland, Texas 79705-4561

Gentlemen:

The 2014 Review of Operations and 2015 Plan of Development (POD) for the referenced Communitized Area is hereby approved.

Please be advised that due to the size of the Communitized Area and the number of wells the review of POD well status is an ongoing dynamic process. During the ongoing review process, if discrepancies are found with the submitted well status versus BLM records, the operator will be notified and required to respond within 30 days of receipt of notification.

Please contact Edward G. Fernandez, Petroleum Engineer, at 575-234-2220 if you have any questions.

Sincerely,

Stephen Caffey
Assistant Field Manager
Lands and Minerals

Enclosure

cc: NM9210
NMP0220



January 16, 2015

*Back To
operator*

Bureau of Land Management
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
Attn: Mr. Ed Delgado

RE: Plan of Development - 2015
Cedar Lake Super Com
Eddy County, New Mexico

Gentlemen:

In preparing for the communitization of the Glorieta and Yeso Formation in Sections 3 through 10, Township 17 South, Range 31 East, Eddy County, New Mexico, Apache Corporation, as proposed Operator, hereby submits the following development program for the Cedar Lake Super Com:

1A) 2015 Planned New Drill and Complete Wells:

WELL NAME	PAD #	LOCATION	Drill/ Complete
Crow Federal #40H	21	SHL: 2208' FSL & 10' FWL, Section 3-T17S-R31E BHL: 2208' FSL & 330' FWL, Section 4-T17S-R31E	Drill
Crow Federal #41H	21	SHL: 2233' FSL & 10' FWL, Section 3-T17S-R31E BHL: 2233' FSL & 300' FEL, Section 3-T17S-R31E	Drill
Crow Federal #42H	21	SHL: 2273' FSL & 10' FWL, Section 3-T17S-R31E BHL: 2273' FSL & 330' FWL, Section 4-T17S-R31E	Drill
Crow Federal #43H	21	SHL: 2298' FSL & 10' FWL, Section 3-T17S-R31E BHL: 2298' FSL & 330' FEL, Section 3-T17S-R31E	Drill
NFE Federal #28H	10	SHL: 920' FSL & 155' FEL, Section 6-T17S-R31E BHL: 920' FSL & 330' FWL, Section 6-T17S-R31E	Drill
NFE Federal #29H	10	SHL: 985' FSL & 155' FEL, Section 6-T17S-R31E BHL: 985' FSL & 330' FWL, Section 6-T17S-R31E	Drill
NFE Federal #34H	10	SHL: 945' FSL & 155' FEL, Section 6-T17S-R31E BHL: 945' FSL & 330' FEL, Section 5-T17S-R31E	Drill
NFE Federal #35H	10	SHL: 1010' FSL & 155' FEL, Section 6-T17S-R31E BHL: 1010' FSL & 330' FEL, Section 5-T17S-R31E	Drill
NFE Federal #58H	27W EXP	SHL: 1710' FNL & 10' FWL, Section 9-T17S-R31E BHL: 1710' FNL & 330' FWL, Section 8-T17S-R31E	Drill
Crow Federal #47H	25E	SHL: 515' FNL & 330' FEL, Section 10-T17S-R31E BHL: 515' FNL & 330' FWL, Section 10-T17S-R31E	Drill
Crow Federal #48H	25E	SHL: 470' FNL & 330' FEL, Section 10-T17S-R31E BHL: 470' FNL & 330' FWL, Section 10-T17S-R31E	Drill
Crow Federal #50H	25W	SHL: 1100' FNL & 515' FWL, Section 9-T17S-R31E BHL: 1100' FNL & 330' FEL, Section 9-T17S-R31E	Drill
Crow Federal #51H	25W	SHL: 1070' FNL & 515' FWL, Section 9-T17S-R31E BHL: 1070' FNL & 330' FEL, Section 9-T17S-R31E	Drill

WELL NAME	PAD #	LOCATION	Drill/ Complete
Raven Federal #22H	3W	SHL: 2115' FSL & 505' FWL, Section 7-T17S-R31E BHL: 1384' FSL & 330' FEL, Section 7-T17S-R31E	Drill
Raven Federal #23H	3W	SHL: 2180' FSL & 505' FWL, Section 7-T17S-R31E BHL: 2154' FSL & 330' FEL, Section 7-T17S-R31E	Drill
Raven Federal #24H	3W	SHL: 2245' FSL & 505' FWL, Section 7-T17S-R31E BHL: 2308' FSL & 330' FEL, Section 7-T17S-R31E	Drill
NFE Federal #59H	30W EXP	SHL: 1755' FSL & 25' FEL, Section 8-T17S-R31E BHL: 1755' FSL & 330' FWL, Section 8-T17S-R31E	Drill
NFE Federal #60H	30W EXP	SHL: 1775' FSL & 25' FEL, Section 8-T17S-R31E BHL: 1775' FSL & 330' FWL, Section 8-T17S-R31E	Drill
Raven Federal #10H	5	SHL: 2218' FNL & 220' FWL, Section 8-T17S-R31E BHL: 2218' FNL & 330' FWL, Section 7-T17S-R31E	Complete
Raven Federal #11H	5	SHL: 2153' FNL & 220' FWL, Section 8-T17S-R31E BHL: 2153' FNL & 330' FWL, Section 7-T17S-R31E	Complete
Raven Federal #12H	5	SHL: 2088' FNL & 220' FWL, Section 8-T17S-R31E BHL: 2088' FNL & 330' FWL, Section 7-T17S-R31E	Complete
NFE Federal #26H	5	SHL: 2128' FNL & 220' FWL, Section 8-T17S-R31E BHL: 2128' FNL & 330' FEL, Section 8-T17S-R31E	Complete
NFE Federal #27H	5	SHL: 2063' FNL & 220' FWL, Section 8-T17S-R31E BHL: 2063' FNL & 330' FEL, Section 8-T17S-R31E	Complete
2015 INVENTORY			
NFE Federal #61H	30W EXP	SHL: 1795' FSL & 25' FEL, Section 8-T17S-R31E BHL: 1795' FSL & 330' FWL, Section 8-T17S-R31E	Inventory
NFE Federal #52H	16	SHL: 485' FNL & 1025' FEL, Section 6-T17S-R31E BHL: 485' FNL & 330' FWL, Section 6-T17S-R31E	Inventory
NFE Federal #53H	16	SHL: 460' FNL & 1025' FEL, Section 6-T17S-R31E BHL: 460' FNL & 330' FEL, Section 5-T17S-R31E	Inventory
NFE Federal #54H	16	SHL: 420' FNL & 1025' FEL, Section 6-T17S-R31E BHL: 420' FNL & 330' FWL, Section 6-T17S-R31E	Inventory
NFE Federal #55H	16	SHL: 395' FNL & 1025' FEL, Section 6-T17S-R31E BHL: 395' FNL & 330' FEL, Section 5-T17S-R31E	Inventory
NFE Federal #40H	12	SHL: 2000' FSL & 200' FEL, Section 6-T17S-R31E BHL: 2000' FSL & 330' FWL, Section 6-T17S-R31E	Inventory
NFE Federal #41H	12	SHL: 2025' FSL & 200' FEL, Section 6-T17S-R31E BHL: 2025' FSL & 330' FEL, Section 5-T17S-R31E	Inventory
NFE Federal #42H	12	SHL: 2065' FSL & 200' FEL, Section 6-T17S-R31E BHL: 2065' FSL & 330' FWL, Section 6-T17S-R31E	Inventory
NFE Federal #43H	12	SHL: 2090' FSL & 200' FEL, Section 6-T17S-R31E BHL: 2090' FSL & 330' FEL, Section 5-T17S-R31E	Inventory
Raven Federal #16H	8	SHL: 727' FNL & 1000' FEL, Section 7-T17S-R31E BHL: 727' FNL & 330' FWL, Section 7-T17S-R31E	Inventory
Raven Federal #17H	8	SHL: 662' FNL & 1000' FEL, Section 7-T17S-R31E BHL: 662' FNL & 330' FWL, Section 7-T17S-R31E	Inventory
NFE Federal #37H	8	SHL: 702' FNL & 1000' FEL, Section 7-T17S-R31E BHL: 702' FNL & 330' FEL, Section 8-T17S-R31E	Inventory
NFE Federal #38H	8	SHL: 637' FNL & 1000' FEL, Section 7-T17S-R31E BHL: 637' FNL & 330' FEL, Section 8-T17S-R31E	Inventory

* Note: All 2015 Wells listed in the 2015 Inventory will transfer to the 2016 Plan of Development if not drilled by the end of 2015.

1B) 2015 Planned Plug-back and Recompletion Wells:

<u>Well Name</u>	<u>API No.</u>	<u>Location</u>	<u>Current Status</u>
None			

1C) 2015 Planned Conversion to Injection Wells:

<u>Well Name</u>	<u>API No.</u>	<u>Location</u>	<u>Current Status</u>
None			

1D) 2015 Planned Plug and Abandon Wells:

<u>Well Name</u>	<u>API No.</u>	<u>Location</u>	<u>Current Status</u>
None			

2) Recap of 2014 Drilling Activity:

<u>Well Name</u>	<u>API No.</u>	<u>Location</u>	<u>Comp. Date</u>	<u>Current Status</u>
Raven Federal 19H	30-015-40916	T17S-R31E-Sec 7 P		Producing
Raven Federal 21H	30-015-40918	T17S-R31E-Sec 7 P		Producing
Raven Federal 20H	30-015-40917	T17S-R31E-Sec 7 P		Producing
Crow Federal 36H	30-015-42141	T17S-R31E-Sec 3 M		Producing
Crow Federal 34H	30-015-42139	T17S-R31E-Sec 3 M		Producing
Crow Federal 37H	30-015-42142	T17S-R31E-Sec 3 M		Producing
Crow Federal 35H	30-015-42140	T17S-R31E-Sec 3 M		Producing
Crow Federal 26H	30-015-41942	T17S-R31E-Sec 10 H		Producing
Crow Federal 25H	30-015-41944	T17S-R31E-Sec 10H		Producing
Crow Federal 20H	30-015-41910	T17S-R31E-Sec 10 I		Producing
Crow Federal 19H	30-015-41909	T17S-R31E-Sec 10 I		Producing

3) Comprehensive listing of Yeso wells and their current production status:

<u>Well Name</u>	<u>API No.</u>	<u>Location</u>	<u>Status</u>	<u>Type</u>
Crow Federal 1	30-015-34126	T17S-R31E-Sec 9 A	Producing	Gas
NFE Federal 1	30-015-37137	T17S-R31E-Sec 8 P	Producing	Oil
NFE Federal 2	30-015-37354	T17S-R31E-Sec 8 N	Producing	Oil
NFE Federal 3	30-015-37357	T17S-R31E-Sec 8 M	Producing	Oil
NFE Federal 6	30-015-37361	T17S-R31E-Sec 8 I	Producing	Oil
NFE Federal 7	30-015-37355	T17S-R31E-Sec 8 I	Producing	Oil
NFE Federal 8	30-015-37356	T17S-R31E-Sec 8 E	Plugged	
NFE Federal 9	30-015-37358	T17S-R31E-Sec 8 K	Producing	Oil

NFE Federal 10	30-015-37360	T17S-R31E-Sec 8 H	Producing	Oil
NFE Federal 11	30-015-37359	T17S-R31E-Sec 8 G	Producing	Oil
Roadrunner Federal 1	30-015-36440	T17S-R31E-Sec 5 J	Producing	Oil
NFE Federal 12	30-015-39222	T17S-R31E-Sec 8 D	Producing	Oil
Raven Federal 1	30-015-40465	T17S-R31E-Sec 7 3	Producing	Oil
NFE Federal 14	30-015-40549	T17S-R31E-Sec 6 4	Completing	Oil
NFE Federal 15	30-015-40550	T17S-R31E-Sec 5 1	Completing	Oil
NFE Federal 16	30-015-40551	T17S-R31E-Sec 5 P	Completing	Oil
NFE Federal 27H	30-015-40470	T17S-R31E-Sec 8 E	Shut-in	Oil
Raven Federal 10H	30-015-40466	T17S-R31E-Sec 8 E	Shut-in	Oil
Raven Federal 12H	30-015-40468	T17S-R31E-Sec 8 E	Shut-in	Oil
Crow Federal 10H	30-015-40574	T17S-R31E-Sec10 M	Producing	Oil
Crow Federal 11H	30-015-40575	T17S-R31E-Sec 10 M	Producing	Oil
Crow Federal 12H	30-015-40576	T17S-R31E-Sec 10 M	Producing	Oil
Crow Federal 13H	30-015-40577	T17S-R31E-Sec 10 M	Producing	Oil
Crow Federal 14H	30-015-40578	T17S-R31E-Sec 9 M	Producing	Oil
Crow Federal 15H	30-015-40579	T17S-R31E-Sec 9 M	Producing	Oil
Crow Federal 16H	30-015-40990	T17S-R31E-Sec 9 L	Producing	Oil
Crow Federal 17H	30-015-40991	T17S-R31E-Sec 9 L	Producing	Oil
Crow Federal 18H	30-015-40992	T17S-R31E-Sec 9 L	Producing	Oil
Crow Federal 19H	30-015-41909	T17S-R31E-Sec 10 I	Producing	Oil
Crow Federal 20H	30-015-41910	T17S-R31E-Sec 10 I	Producing	Oil
Crow Federal 22H	30-015-41166	T17S-R31E-Sec 9 E	Producing	Oil
Crow Federal 23H	30-015-41167	T17S-R31E-Sec 9 E	Producing	Oil
Crow Federal 24H	30-015-41168	T17S-R31E-Sec 9 E	Producing	Oil
Crow Federal 25H	30-015-41944	T17S-R31E-Sec 10 E	Producing	Oil
Crow Federal 26H	30-015-41942	T17S-R31E-Sec 10 E	Producing	Oil
Crow Federal 35H	30-015-42140	T17S-R31E-Sec 3 M	Producing	Oil
Crow Federal 37H	30-015-42142	T17S-R31E-Sec 3 M	Producing	Oil
Crow Federal Com 34H	30-015-42139	17S-R31E-Sec 3 M	Producing	Oil
Raven Federal 11H	30-015-42141	T17S-R31E-Sec 3E	Producing	Oil
NFE Federal 26H	30-015-40467	T17S-R31E-Sec 8 E	Shut-in	Oil
Raven Federal 19H	30-015-40916	T17S-R31E-Sec 7 P	Producing	Oil
Raven Federal 20H	30-015-40917	T17S-R31E-Sec 7 P	Producing	Oil
Raven Federal 21H	30-015-40918	T17S-R31E-Sec 7 P	Producing	Oil
Crow Federal Com 36H	30-015-40462	T17S-R31E-Sec 8 M	Shut-in	Oil

4) **Summary of current production from the Cedar Lake Yeso Federal Unit:**

Code	Reservoir	Oil, BOPD	Gas, Mcfd	Water, BWPD
26770	Fren; Glorieta-Yeso	435	793	1,700

5) 2016 Planned New Drill and Complete Wells:

WELL NAME	PAD #	LOCATION	Drill/ Complete
NFE FEDERAL 46H	Pad 14	SHL: 1980' FNL & 330' FWL, Section 6-T17S-R31E BHL: 1980' FNL & 330' FEL, Section 6-T17S-31E	Drill
NFE FEDERAL 47H	Pad 14	Evaluating location due to surface issues	Drill
NFE FEDERAL 48H	Pad 14	SHL: 1915' FNL & 330' FWL, Section 6-T17S-R31E BHL: 1915' FNL & 330' FEL, Section 6-T17S-R31E	Drill
NFE FEDERAL 49H	Pad 14	Evaluating location due to surface issues	Drill
HAWK FEDERAL COM 7H	Pad 18	SHL: 1160' FNL & 980' FEL, Section 4-T17S-R31E BHL: 1160' FNL & 330' FWL, Section 4-17S-R31E	Drill
HAWK FEDERAL COM 8H	Pad 18	SHL: 1135' FNL & 980' FEL, Section 4-T17S-R31E BHL: 1135' FNL & 330' FEL, Section 3-T17S-R31E	Drill
HAWK FEDERAL COM 9H	Pad 18	SHL: 1095' FNL & 980' FEL, Section 4-T17S-R31E BHL: 1095' FNL & 330' FWL, Section 4-17S-R31E	Drill
HAWK FEDERAL 10H	Pad 18	SHL: 1070' FNL & 980' FEL, Section 4-T17S-R31E BHL: 1070' FNL & 330' FEL, Section 3-T17S-R31E	Drill
HAWK FEDERAL COM 1H	Pad 19	SHL: 1880' FNL & 183' FWL, Section 3-T17S-R31E BHL: 1880' FNL & 330' FWL, Section 4-T17S-R31E	Drill
HAWK FEDERAL 2H	Pad 19	SHL: 1855' FNL & 173' FWL, Section 3-T17S-R31E BHL: 1855' FNL & 330' FEL, Section 3-T17S-R31E	Drill
HAWK FEDERAL COM 3H	Pad 19	SHL: 1815' FNL & 157' FWL, Section 3-T17S-R31E BHL: 1815' FNL & 330' FWL, Section 4-T17S-R31E	Drill
HAWK FEDERAL 4H	Pad 19	SHL: 1790' FNL & 147' FWL, Section 3-T17S-R31E BHL: 1790' FNL & 330' FEL, Section 3-T17S-R31E	Drill
CROW FEDERAL 21H	Pad 29E	SHL: 2340' FSL & 370' FEL, Section 10-T17S-R31E BHL: 2340' FSL & 330' FWL, Section 10-17S-R31E	Drill
CROW FEDERAL 27H	Pad 27E	SHL: 1620' FNL & 330' FEL, Section 10-T17S-R31E BHL: 990' FNL & 330' FWL, Section 10-T17S-R31E	Drill
CROW FEDERAL Com 38H	Pad 23	SHL: 1035' FSL & 505' FWL, Section 3-T17S-R31E BHL: 1035' FSL & 330' FWL, Section 4-T17S-R31E	Drill
CROW FEDERAL 39H	Pad 23	SHL: 1060' FSL & 492' FWL, Section 3-T17S-R31E BHL: 1060' FSL & 330' FEL, Section 3-T17S-R31E	Drill
NFE FEDERAL 36H	Pad 10	SHL: 1075' FSL & 155' FEL, Section 6-T17S-R31E BHL: 1075' FSL & 330' FEL, Section 5-T17S-R31E	Drill
NFE FEDERAL 30H	Pad 10	SHL: 1050' FSL & 155' FEL, Section 6-T17S-R31E BHL: 1050' FSL & 330' FWL, Section 6-T17S-R31E	Drill

6) 2017 Planned New Drill and Complete Wells:

WELL NAME	PAD #	LOCATION	Drill/ Complete
NFE FEDERAL 39H	Pad 8	SHL: 572' FNL & 1000' FEL, Section 7-T17S-R31E BHL: 572' FNL & 330' FEL, Section 8-T17S-R31E	Drill
RAVEN FEDERAL 18H	Pad 8	SHL: 597' FNL & 1000' FEL, Section 7-T17S-R31E BHL: 597' FNL & 330' FWL, Section 7-T17S-R31E	Drill
CROW FEDERAL 44H	Pad 21	SHL: 2338' FSL & 10' FWL, Section 3-T17S-R31E BHL: 2338' FSL & 330' FWL, Section 4-T7S-R31E	Drill
CROW FEDERAL 45H	Pad 21	SHL: 2363' FSL & 10' FWL, Section 3-T17S-R31E BHL: 2363' FSL & 330' FEL, Section 3-T17S-R31E	Drill

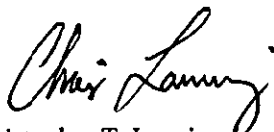
WELL NAME	PAD #	LOCATION	Drill/ Complete
NFE FEDERAL 44H	Pad 12	SHL: 2130' FSL & 200' FEL, Section 6-T17S-R31E BHL: 2130' FSL & 330' FWL, Section 6-T17S-R31E	Drill
NFE FEDERAL 45H	Pad 12	SHL: 2155' FSL & 200' FEL, Section 6-T17S-R31E BHL: 2155' FSL & 330' FEL, Section 5-T17S-R31E	Drill
NFE FEDERAL 56H	Pad 16	SHL: 355' FNL & 1025' FEL, Section 6-T17S-R31E BHL: 335' FNL & 330' FWL, Section 6-T17S-R31E	Drill
NFE FEDERAL 57H	Pad 16	SHL: 330' FNL & 1025' FEL, Section 6-T17S-R31E BHL: 330' FNL & 330' FEL, Section 6-T17S-R31E	Drill
CROW FEDERAL 46H	Pad 25E	SHL: 560' FNL & 330' FEL, Section 10-T17S-R31E BHL: 560' FNL & 330' FWL, Section 10-T17S-R31E	Drill
CROW FEDERAL 49H	Pad 25W	SHL: 1130' FNL & 515' FWL, Section 9-T17S-R31E BHL: 930' FNL & 330' FEL, Section 9-T17S-R31E	Drill
NFE FEDERAL 50H	Pad 14	SHL: 1850' FNL & 330' FWL, Section 6-T17S-R31E BHL: 1850' FNL & 330' FEL, Section 6-T17S-R31E	Drill
NFE FEDERAL 51H	Pad 14	Evaluating location due to surface issues	Drill
HAWK FEDERAL COM 11H	Pad 18	SHL: 1030' FNL & 980' FEL, Section 4-T17S-R31E BHL: 1030' FNL & 330' FWL, Section 4-T17S-R31E	Drill
HAWK FEDERAL 12H	Pad 18	SHL: 1005' FNL & 980' FEL, Section 4-T17S-R31E BHL: 1005' FNL & 330' FEL, Section 3-T17S-R31E	Drill
HAWK FEDERAL COM 5H	Pad 19	SHL: 1750' FNL & 130' FWL, Section 3-T17S-R31E BHL: 1750' FNL & 330' FWL, Section 4-T17S-R31E	Drill
HAWK FEDERAL 6H	Pad 19	SHL: 1725' FNL & 120' FWL, Section 3-T17S-R31E BHL: 1725' FNL & 330' FEL, Section 3-T17S-R31E	Drill

Below is a contact list should you have any questions or comments concerning this Plan of Development:

Drilling:	Joe Payne	(432) 818-1624
	Terry West	(432) 818-1114
Geology:	Alexander Gonzalez	(432) 818-1604
Production Eng:	Mark Thomas	(432) 818-1071
Reservoir Eng.	Alejandro Oniszcuk	(432) 818-1818
Landman:	Chris Lanning	(432) 818-1878
	Chase Bradley	(432) 818-1039

Respectfully submitted,

APACHE CORPORATION



Christopher T. Lanning
Landman