

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNMOCD
ArtesiaFORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**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.
NMLC029435B

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
NFE FEDERAL 35H9. API Well No.
30-015-42587-00-X110. Field and Pool, or Exploratory
CEDAR LAKE11. County or Parish, and State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
APACHE CORPORATIONContact: ISABEL HUDSON
E-Mail: Isabel.Hudson@apachecorp.com3a. Address
303 VETERANS AIRPARK LANE SUITE 3000
MIDLAND, TX 797053b. Phone No. (include area code)
Ph: 432.818.1142

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 6 T17S R31E SESE 1010FSL 0155FEL
32.858934 N Lat, 103.900501 W Lon**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

- ☐
- Notice of Intent
-
- ☒
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|---|
| ☐ Acidize | ☐ Deepen | ☐ Production (Start/Resume) | ☐ Water Shut-Off |
| ☐ Alter Casing | ☐ Fracture Treat | ☐ Reclamation | ☐ Well Integrity |
| ☐ Casing Repair | ☐ New Construction | ☐ Recomplete | ☒ Other |
| ☐ Change Plans | ☐ Plug and Abandon | ☐ Temporarily Abandon | Production Start-up |
| ☐ Convert to Injection | ☐ Plug Back | ☐ 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 recomple 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Apache completed this well as follows: (RR: 03/08/2015)
04/17/2015 Log - ETOC @ 114'. RUSU @ later date.
04/29/2015 Tag & DO DV Tool @ 4869'.
04/30/2015 Mill debris sub. Prep to frac @ later date.
09/08/2015 Frac Prep.
09/09/2015 - 09/10/2015 Frac 5754' - 10,243' (TD 10,280)
Packers @: 5754', 6077', 6357', 6648', 6916', 7194', 7465', 7748', 8026', 8289', 8574', 8852',
9123', 9408', 9694', 9989', 10,243' (16 Stages).
Total Acid Volume: 2,801 BBLs
Total Sand Volume: 3,043,470#
10/09/2015-10/10/2015 - Mill out sleeves 1-15
10/20/2015 - MIRU

NM OIL CONSERVATION

ARTESIA DISTRICT

JAN 25 2016

RECEIVED

Accepted for record
NMOCD

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #325890 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by JAMIE RHOADES on 12/10/2015 (16JLR0126SE)

Name (Printed/Typed) ISABEL HUDSON

Title REG. ANALYST

Signature (Electronic Submission)

Date 12/09/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

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.

Office

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #325890 that would not fit on the form

32. Additional remarks, continued

10/21/2015 - RIH TBG, 2 7/8" J-55 @ 5,104', EOT 5,032'

10/22/2015 - ESP Intake @ 4,725', Desander @ 4,773'. RDMO. POP.

*NOTE: Gaps in dates are due to pad drilling processes and surrounding area water issues, which delay completion operations.

Apache Corporation
303 Veterans Airpark Lane, #3000
Midland, TX 79705

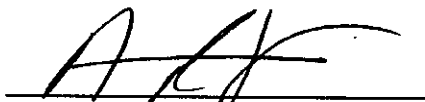
NFE Federal #035H Api: 30-015-42587
Eddy County, New Mexico D-6-17S-31E 1010FSL 155 FEL

155	1.55	0.50	0.88	1.36	1.36
405	2.50	1.80	3.15	7.88	9.23
596	1.91	1.80	3.15	6.02	15.25
913	3.17	1.40	2.45	7.77	23.01
1039	1.26	0.80	1.40	1.76	24.78
1355	3.16	0.20	0.35	1.11	25.88
1543	1.88	0.10	0.18	0.33	26.21
1732	1.89	0.40	0.70	1.32	27.54
1921	1.89	0.20	0.35	0.66	28.20
2111	1.90	0.10	0.18	0.33	28.53
2304	1.93	0.60	1.05	2.03	30.56
2494	1.90	0.40	0.70	1.33	31.89
2683	1.89	0.70	1.23	2.32	34.20
2903	2.20	0.10	0.18	0.39	34.59
3062	1.59	0.10	0.18	0.28	34.87
3252	1.90	0.40	0.70	1.33	36.20
3457	2.05	0.60	1.05	2.15	38.35
3749	2.92	0.40	0.70	2.04	40.39
3908	1.59	0.10	0.18	0.28	40.67
4098	1.90	0.10	0.18	0.33	41.00
4288	1.90	0.10	0.18	0.33	41.34
4477	1.89	0.60	1.05	1.98	43.32
4665	1.88	0.10	0.18	0.33	43.65
4872	2.07	0.80	1.40	2.90	46.55

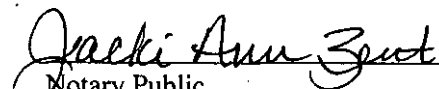
NM OIL CONSERVATION
ARTESIA DISTRICT

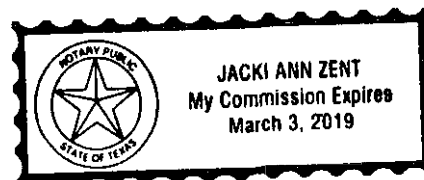
JAN 25 2016

RECEIVED


Archie Brown - General Manager

The attached instrument was acknowledged before me on the 17th day of March, 2015 by
Archie Brown - General Manager, CapStar Drilling, Inc.


Notary Public





NM OIL CONSERVATION
ARTESIA DISTRICT

JAN 25 2016

RECEIVED

Apache Corporation

Eddy County, NM (NAD27 NME)

NFE Federal

#35H

WB1 / Job #1512836

Survey: Phoenix MWD Survey API 30-015-42587

B-6-17S-31E 1010 FSL 155 FEL

Standard Survey Report

03 March, 2015



Company: Apache Corporation
Project: Eddy County, NM (NAD27 NME)
Site: NFE Federal
Well: #35H
Wellbore: WB1 / Job #1512836
Design: Surveys (Capstar 119)

Local Co-ordinate Reference: Well #35H
TVD Reference: KB @ 3763.00usft (Capstar 119)
MD Reference: KB @ 3763.00usft (Capstar 119)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Compass 5000 GCR

Project: Eddy County, NM (NAD27 NME)
Map System: US State Plane 1927 (Exact solution)
Geo Datum: NAD 1927 (NADCON CONUS)
Map Zone: New Mexico East 3001

System Datum: Mean Sea Level

Site: NFE Federal

Site Position: Northing: 673,264.70 usft Latitude: 32° 51' 0.49036 N
From: Map Easting: 633,303.50 usft Longitude: 103° 53' 57.34966 W
Position Uncertainty: 0.00 usft Slot Radius: 13-3/16 " Grid Convergence: 0.24 "

Well: #35H

Well Position: +N-S 0.00 usft Northing: 676,463.90 usft Latitude: 32° 51' 32.16272 N
+E-W 0.00 usft Easting: 632,910.30 usft Longitude: 103° 54' 1.80514 W
Position Uncertainty: 0.00 usft Wellhead Elevation: usft Ground Level: 3,752.00 usft

Wellbore: WB1 / Job #1512836

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	2/23/2015	7.40	60.62	48,517

Design: Surveys (Capstar 119)

Audit Notes:

Version: 1.0 Phase: ACTUAL Tie On Depth: 0.00

Vertical Section:	Depth From (TVD) (usft)	+N-S (usft)	+E-W (usft)	Direction (°)
	0.00	0.00	0.00	89.59

Survey Program: Date: 3/3/2015

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
100.00	4,797.00	Phoenix Gyro Survey (WB1 / Job #151283)	NS-GYRO-MS	North sensing gyrocompassing m/s
4,872.00	10,280.00	Phoenix MWD Survey (WB1 / Job #15128)	PHX+MWD+BGGM	PHX+MWD+BGGM v3:standard declination

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,797.00	0.51	23.18	4,796.45	29.51	-11.14	-10.93	0.00	0.00	0.00
Tie-on to Phoenix Gyro Survey									
4,872.00	0.80	44.90	4,871.45	30.19	-10.64	-10.42	0.50	0.39	28.96
First Phoenix MWD Survey									
4,904.00	3.50	85.20	4,903.43	30.43	-9.51	-9.29	9.17	8.44	125.94
4,936.00	7.30	89.20	4,935.28	30.54	-6.50	-6.28	11.93	11.88	12.50
4,967.00	11.10	88.70	4,965.87	30.63	-1.55	-1.33	12.26	12.26	-1.61
4,999.00	15.30	87.60	4,997.02	30.88	5.76	5.98	13.15	13.13	-3.44
5,030.00	19.80	88.80	5,026.57	31.34	15.09	15.31	14.54	14.52	-2.58

Company: Apache Corporation
Project: Eddy County, NM (NAD27 NME)
Site: NFE Federal
Well: #35H
Wellbore: WB1 / Job #1512836
Design: Surveys (Capstar 119)

Local Co-ordinate Reference:
TVD Reference: KB @ 3763.00usft (Capstar 119)
MD Reference: KB @ 3763.00usft (Capstar 119)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Compass 5000 GCR

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
5,062.00	23.60	85.70	5,056.30	32.13	26.89	27.12	11.94	11.88	-3.44	
5,093.00	27.10	88.60	5,084.31	32.76	40.14	40.38	11.98	11.29	9.35	
5,125.00	29.90	91.10	5,112.43	32.79	55.41	55.64	9.51	8.75	7.81	
5,157.00	32.70	93.00	5,139.77	32.18	72.02	72.25	9.28	8.75	5.94	
5,189.00	35.70	94.50	5,166.23	31.00	89.96	90.18	9.74	9.38	4.69	
5,220.00	39.10	95.80	5,190.86	29.30	108.71	108.92	11.26	10.97	4.19	
5,252.00	42.10	96.20	5,215.15	27.12	129.42	129.61	9.41	9.38	1.25	
5,284.00	44.90	95.40	5,238.36	24.90	151.33	151.51	8.92	8.75	-2.50	
5,315.00	47.10	94.80	5,259.89	22.92	173.54	173.70	7.23	7.10	-1.94	
5,347.00	49.80	94.30	5,281.12	21.02	197.41	197.56	8.52	8.44	-1.56	
5,379.00	53.70	93.10	5,300.93	19.41	222.48	222.62	12.54	12.19	-3.75	
5,411.00	58.00	93.00	5,318.88	18.00	248.92	249.05	13.44	13.44	-0.31	
5,442.00	62.50	93.10	5,334.26	16.57	275.79	275.90	14.52	14.52	0.32	
5,474.00	66.90	93.00	5,347.94	15.03	304.67	304.77	13.75	13.75	-0.31	
5,506.00	71.30	92.60	5,359.35	13.57	334.53	334.61	13.80	13.75	-1.25	
5,537.00	74.70	91.60	5,368.41	12.49	364.15	364.23	11.39	10.97	-3.23	
5,569.00	77.50	92.00	5,376.10	11.51	395.19	395.26	8.83	8.75	1.25	
5,600.00	80.40	91.70	5,382.04	10.53	425.60	425.66	9.40	9.35	-0.97	
5,649.00	84.70	91.90	5,388.39	9.00	474.15	474.20	8.78	8.78	0.41	
5,680.00	87.90	91.50	5,390.39	8.08	505.07	505.11	10.40	10.32	-1.29	
5,710.00	88.20	91.60	5,391.41	7.27	535.04	535.08	1.05	1.00	0.33	
5,739.00	88.20	91.40	5,392.32	6.51	564.01	564.05	0.69	0.00	-0.69	
5,829.00	88.50	90.60	5,394.91	4.94	653.96	653.98	0.95	0.33	-0.89	
5,921.00	89.30	90.00	5,396.68	4.46	745.94	745.95	1.09	0.87	-0.65	
6,012.00	89.60	90.30	5,397.55	4.23	836.94	836.95	0.47	0.33	0.33	
6,108.00	87.60	89.80	5,399.90	4.14	932.90	932.91	2.15	-2.08	-0.52	
6,203.00	87.80	89.30	5,403.71	4.89	1,027.82	1,027.83	0.57	0.21	-0.53	
6,297.00	87.80	88.10	5,407.48	7.02	1,121.72	1,121.74	1.29	-0.21	-1.28	
6,391.00	88.20	90.40	5,410.93	8.25	1,215.64	1,215.67	2.53	0.64	2.45	
6,486.00	88.20	90.80	5,413.91	7.25	1,310.59	1,310.61	0.42	0.00	0.42	
6,581.00	88.50	90.40	5,416.65	6.26	1,405.55	1,405.56	0.53	0.32	-0.42	
6,676.00	88.40	90.00	5,419.22	5.93	1,500.51	1,500.52	0.43	-0.11	-0.42	
6,771.00	88.00	88.80	5,422.20	6.92	1,595.46	1,595.47	1.33	-0.42	-1.26	
6,866.00	88.00	88.90	5,425.52	8.83	1,690.38	1,690.40	0.11	0.00	0.11	
6,961.00	87.70	88.00	5,429.08	11.39	1,785.28	1,785.31	1.00	-0.32	-0.95	
7,055.00	88.20	89.70	5,432.44	13.28	1,879.19	1,879.24	1.88	0.53	1.81	
7,150.00	87.70	88.80	5,435.84	14.52	1,974.12	1,974.18	1.08	-0.53	-0.95	
7,244.00	88.60	89.90	5,438.88	15.59	2,068.07	2,068.13	1.51	0.96	1.17	
7,338.00	90.80	91.70	5,439.37	14.27	2,162.05	2,162.09	3.02	2.34	1.91	
7,433.00	90.90	91.80	5,437.96	11.37	2,256.99	2,257.02	0.15	0.11	0.11	
7,528.00	89.50	90.30	5,437.63	9.63	2,351.97	2,351.98	2.16	-1.47	-1.58	
7,623.00	88.40	88.60	5,439.37	10.54	2,446.95	2,446.96	2.13	-1.16	-1.79	
7,717.00	88.60	88.70	5,441.83	12.76	2,540.89	2,540.91	0.24	0.21	0.11	

Company: Apache Corporation
Project: Eddy County, NM (NAD27 NME)
Site: NFE Federal
Well: #35H
Wellbore: WB1 / Job #1512836
Design: Surveys (Capstar 119)

Local Co-ordinate Reference:
TVD Reference: KB @ 3763.00usft (Capstar 119)
MD Reference: KB @ 3763.00usft (Capstar 119)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Compass 5000 GCR

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
7,812.00	88.60	88.50	5,444.15	15.08	2,635.83	2,635.87	0.21	0.00	-0.21
7,907.00	88.80	87.90	5,446.31	18.06	2,730.76	2,730.82	0.67	0.21	-0.63
8,002.00	88.50	88.20	5,448.54	21.29	2,825.68	2,825.76	0.45	-0.32	0.32
8,097.00	88.80	87.90	5,450.78	24.53	2,920.60	2,920.70	0.45	0.32	-0.32
8,192.00	87.50	87.60	5,453.85	28.25	3,015.47	3,015.60	1.40	-1.37	-0.32
8,287.00	87.60	89.10	5,457.91	30.99	3,110.34	3,110.48	1.58	0.11	1.58
8,382.00	88.10	89.20	5,461.47	32.39	3,205.26	3,205.41	0.54	0.53	0.11
8,476.00	88.00	88.90	5,464.67	33.95	3,299.20	3,299.35	0.34	-0.11	-0.32
8,570.00	88.70	88.70	5,467.38	35.92	3,393.14	3,393.31	0.77	0.74	-0.21
8,665.00	88.70	89.80	5,469.54	37.16	3,488.10	3,488.28	1.16	0.00	1.16
8,760.00	89.10	89.70	5,471.36	37.58	3,583.08	3,583.26	0.43	0.42	-0.11
8,856.00	89.30	89.20	5,472.70	38.50	3,679.07	3,679.25	0.56	0.21	-0.52
8,952.00	89.40	90.30	5,473.79	38.92	3,775.06	3,775.24	1.15	0.10	1.15
9,047.00	89.60	89.80	5,474.62	38.83	3,870.06	3,870.24	0.57	0.21	-0.53
9,142.00	88.00	91.50	5,476.61	37.76	3,965.02	3,965.19	2.46	-1.68	1.79
9,236.00	88.10	90.30	5,479.81	36.28	4,058.96	4,059.11	1.28	0.11	-1.28
9,330.00	86.20	91.10	5,484.48	35.14	4,152.83	4,152.97	2.19	-2.02	0.85
9,425.00	85.90	90.20	5,491.02	34.06	4,247.59	4,247.73	1.00	-0.32	-0.95
9,520.00	87.90	90.70	5,496.16	33.32	4,342.45	4,342.57	2.17	2.11	0.53
9,615.00	88.70	88.90	5,498.98	33.65	4,437.40	4,437.53	2.07	0.84	-1.89
9,709.00	89.20	88.50	5,500.70	35.78	4,531.36	4,531.50	0.68	0.53	-0.43
9,804.00	89.60	87.90	5,501.70	38.76	4,626.31	4,626.47	0.76	0.42	-0.63
9,898.00	89.80	87.90	5,502.19	42.21	4,720.24	4,720.42	0.21	0.21	0.00
9,992.00	89.70	87.80	5,502.60	45.73	4,814.18	4,814.38	0.15	-0.11	-0.11
10,087.00	89.80	87.30	5,503.01	49.79	4,909.09	4,909.32	0.54	0.11	-0.53
10,182.00	89.10	88.40	5,503.93	53.36	5,004.01	5,004.27	1.37	-0.74	1.16
10,216.00	89.10	88.30	5,504.46	54.34	5,038.00	5,038.26	0.29	0.00	-0.29
Last Phoenix MWD Survey									
10,280.00	89.10	88.30	5,505.47	56.24	5,101.96	5,102.23	0.00	0.00	0.00
Projection to TD									

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
4,797.00	4,798.45	29.51	-11.14	Tie-on to Phoenix Gyro Survey
4,872.00	4,871.45	30.19	-10.64	First Phoenix MWD Survey
10,216.00	5,504.46	54.34	5,038.00	Last Phoenix MWD Survey
10,280.00	5,505.47	56.24	5,101.96	Projection to TD

Checked By: _____ Approved By: _____ Date: _____

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

NM OIL CONSERVATION
ARTESIA DISTRICT
JAN 25 2016
RECEIVED

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-42587	Pool Code 96831	Pool Name CEDAR LAKE; Glorieta - YESO
Property Code 308724	Property Name NFE FEDERAL	Well Number 35H
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3752'

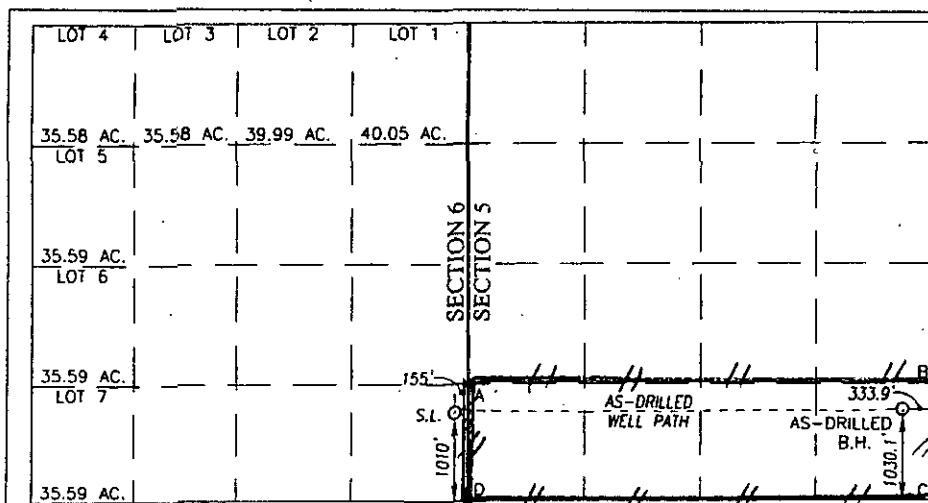
Surface Location

UL or lot No	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	6	17-S	31-E		1010	SOUTH	155	EAST	EDDY

AS-DRILLED Bottom Hole Location If Different From Surface

UL or lot No	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	5	17-S	31-E		1030.1	SOUTH	333.9	EAST	EDDY
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature _____ Date _____
Printed Name _____
E-mail Address _____

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey _____
Signature & Seal of Professional Surveyor _____

APR 15 2012
NEW MEXICO
REGISTERED SURVEYOR
3239
Certificate Number Gary G. Eidson 12641
Ronald J. Eidson 3239
LSL REL. W.O.: 14.13 0073 JWSC W.O.: 15.13 0381

GEODETTIC COORDINATES
NAD 27 NME
SURFACE LOCATION
Y=676463.9 N
X=632910.3 E
LAT.=32.858934° N
LONG.=103.900502° W
LAT.=32° 51' 32" N
LONG.=103° 54' 02" W

CORNER COORDINATES TABLE
NAD 27 NME
A - Y=676775.0 N, X=633063.5 E
B - Y=676812.0 N, X=638343.2 E
C - Y=675482.7 N, X=638350.7 E
D - Y=675455.2 N, X=633070.9 E

AS-DRILLED
B.H. LOCATION
NAD 27 NME
Y=676520.1 N
X=638011.0 E
LAT.=32.859030° N
LONG.=103.883890° W
LAT.=32° 51' 33" N
LONG.=103° 53' 02" W

GEODETTIC COORDINATES
NAD 83 NME
SURFACE LOCATION
Y=676527.9 N
X=674088.9 E
LAT.=32.859051° N
LONG.=103.901009° W
LAT.=32° 51' 33" N
LONG.=103° 54' 04" W

CORNER COORDINATES TABLE
NAD 83 NME
A - Y=676839.0 N, X=674242.1 E
B - Y=676876.1 N, X=679521.8 E
C - Y=675556.7 N, X=679529.3 E
D - Y=675519.2 N, X=674249.5 E

NOTE: AS-DRILLED PATH B.H. PLOTTED FROM
PHOENIX TECHNOLOGY SERVICES
DATED MARCH 03, 2015.

AS-DRILLED
B.H. LOCATION
NAD 83 NME
Y=676584.1 N
X=679189.6 E
LAT.=32.859147° N
LONG.=103.884397° W
LAT.=32° 51' 33" N
LONG.=103° 53' 04" W

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

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland TX 79705		² OGRID Number 873
		³ Reason for Filing Code/ Effective Date NW / 11/15/2015
⁴ API Number 30-015-42587	⁵ Pool Name Cedar Lake; Glorieta - Yeso	⁶ Pool Code 96831
⁷ Property Code 308724	⁸ Property Name NFE FEDERAL	⁹ Well Number 35H

II. ¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
P	6	17-S	31-E		1010	SOUTH	155	EAST	EDDY

¹¹Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	5	17-S	31-E		1030	SOUTH	334	EAST	EDDY

¹² Lsc Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 11/15/2015	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
221115	Frontier Field Services LLC 4200 East Skelly Drive, Suite 700 Tulsa, OK 74135	G
252293	Holly Energy Pipeline 311 W Quay / PO Box 1360 Artesia, NM 88210	O

IV. Well Completion Data

²¹ Spud Date 02/17/2015	²² Ready Date 11/15/2015	²³ TD 10,280	²⁴ PBDT 10,280	²⁵ Perforations 5754' - 10,243'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5"	13.375"	400'	470 sx Class C		
11"	8.625"	3500'	1500 sx Class C		
7.875"	7" / 5.5"	10,255'	600 sx Class C		
Tubing	2.875	5,104'			

V. Well Test Data

³¹ Date New Oil 11/15/2015	³² Gas Delivery Date 11/15/2015	³³ Test Date 11/30/2015	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method P
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature:			OIL CONSERVATION DIVISION Approved by:		
Printed name: Isabel Hudson			Title:		
Title: Reg Analyst			Approval Date:		
E-mail Address: Isabel.Hudson@apachecorp.com					
Date: 12/08/2015		Phone: 432-818-1142			

[illegible]

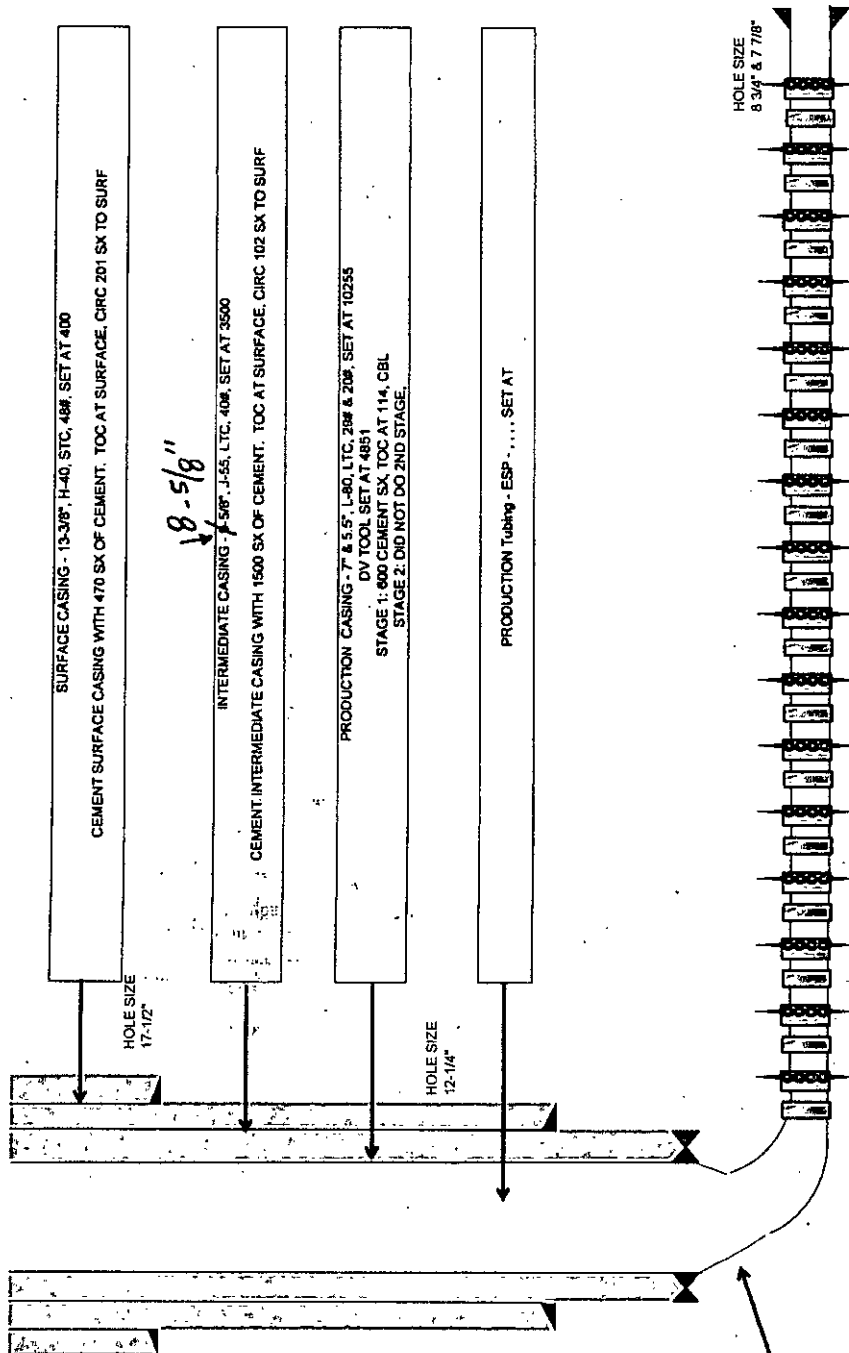
WELL NAME: NFE FEDERAL COM 35H
 API: 30-015-42587
 SPUD DATE: 2/17/2015
 PRODUCING FORMATION: YESO UPR BLUEBERRY
 FIELD: CEDAR LAKE (BP)
 COUNTY: EDDY
 STATE: NEW MEXICO
 WORKING INTEREST: 60.00%

SURFACE LOC: 1010' FSL & 165' FEL
 SECTION: 6
 TOWNSHIP: 17-S
 RANGE: 31-E
 SURVEY: JOHN WEST SURVEYING CO
 BOTTOM HOLE LOC: 1030' FSL & 334' FEL
 SECTION: 5
 TOWNSHIP: 17-S
 RANGE: 31-E
 SURVEY: JOHN WEST SURVEYING CO
 DRILL RIG: CAPSTAR 119
 RIG RELEASE: 3/8/2015

KB (ft): 3,763.00
 GL (ft): 3,752.00
 KB/GI DIFF (ft): 11.00
 TMD (ft): 10,280.00
 TD OF PILOT HOLE (ft): N/A
 FC DEPTH (ft): 10,248.00
 PBMD (ft): 10,280.00
 RDV DEPTH (ft): N/A
 ORIO VALVE (ft): N/A
 DEEPEST TVD (ft): 5,505.00

TAPERED CASING STRING:

7" 29# L-80 TO X-OVER @ 4,854'
 TAPERING TO 5.5" 20# L-80 SET @ 10,255'



PACKERS & SLEEVES
 TOP PERF (MD): 5,754
 BOTTOM PERF (MD): 10,248

KOP (ft):
 LATERAL LENGTH (ft):
 TD OF PILOT HOLE (ft): N/A

TMD (ft): 10,280
 FC DEPTH (ft): 10,248
 PBMD (ft): 10,280
 RDV DEPTH (ft): N/A
 ORIO VALVE (ft): N/A

PACKERS & SLEEVES - 18 STAGES

TOTAL ACID (gal)	TOTAL LTR (bbl)	TOTAL PROPPANT (lbs)	MAX WH RATE (bpm)	MAX WH PRESSURE (psi)
2,801	70,987	3,043,470	93.00	6,120

PRODUCTION METHOD	LIFT TYPE	SETTING DEPTH
Pumping	ESP	0

COMPLETION:

STIMULATION:

STATUS:

COMMENTS:

LAST UPDATED BY: HILLARI GOULD

LAST UPDATED: 10/13/2015

CROSSOVER SUB @ 4,854'