

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM -
OCD Artesia

FORM 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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		5. Lease Serial No. NMNM130862
2. Name of Operator CIMAREX ENERGY COMPANY OF CO Contact: DEYSI FAVELA Email: dfavela@cimarex.com		6. If Indian, Allottee or Tribe Name
3a. Address 600 NORTH MARIENFELD STREET SUITE 600 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-620-1964	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 6 T20S R31E Lot 3 380FNL 1980FWL 32.363067 N Lat, 103.543449 W Lon		8. Well Name and No. HASTA LA VISTA 1 FED COM DI 2H
		9. API Well No.
		10. Field and Pool, or Exploratory WILDCAT
		11. County or Parish, and State EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Change to Original A
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	PD

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 recompleat 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 recompleat 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.)

Cimarex Energy respectfully requests Changes to the APD:

Directional Plans

Submitted in Replacement:

KOP 8222'
EOC 9547'
MD 16408'
TVD 8550'

Proposed:
KOP 8317'

Accepted for record

10/1/14 NM OCD

original COA apply -
pay particular attention
to cement

NM OIL CONSERVATION
ARTESIA DISTRICT

JUL 25 2014

RECEIVED

14. I hereby certify that the foregoing is true and correct. Electronic Submission #252653 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad Committed to AFMSS for processing by WESLEY INGRAM on 07/17/2014 (14WWI0307SE)	
Name (Printed/Typed) DEYSI FAVELA	Title DRILLING TECH
Signature (Electronic Submission)	Date 07/11/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By WESLEY INGRAM	Title PETROLEUM ENGINEER	Date 07/17/2014
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 Carlsbad

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.

Additional data for EC transaction #252653 that would not fit on the form

32. Additional remarks, continued

EOC 9388'
MD 16497'
TVD 8550' No Change

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 Blvd., 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, NM 87505

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

☐ AMENDED REPORT

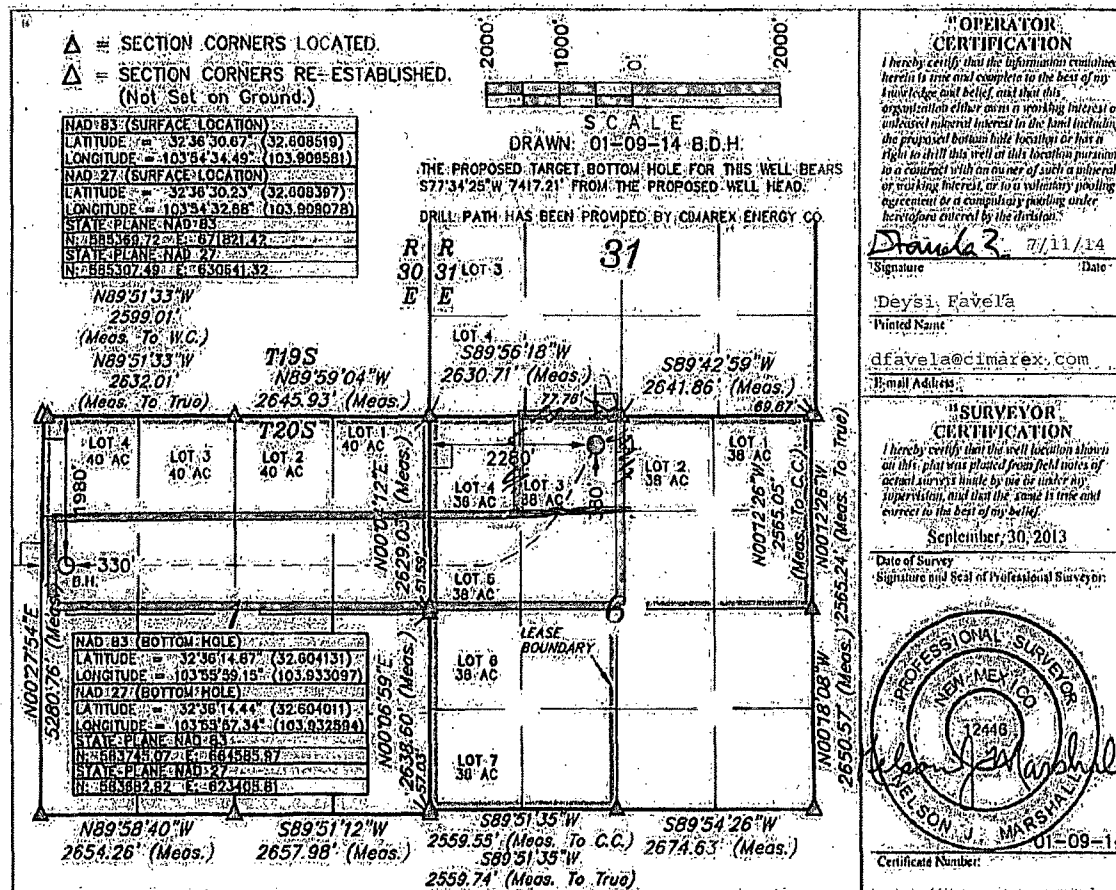
WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30015	Pool Code	Pool Name Bone Spring Wildcat
Property Code	Property Name HASTA LA VISTA FEDERAL COM	Well Number DI2H
GRID No. 215099	Operator Name CIMAREX ENERGY CO.	Elevation 3439'

Surface Location									
U.T. or lot no. 3	Section 6	Township 20S	Range 31E	Lot Idn	Feet from the 380	North/South line NORTH	Feet from the 2280	East/West line WEST	County EDDY

Bottom Hole Location If Different From Surface									
U.T. or lot no. E	Section 1	Township 20S	Range 30E	Lot Idn	Feet from the 1980	North/South line NORTH	Feet from the 330	East/West line WEST	County EDDY
Dedicated Acreage 275.00	Joint or Total	Consolidation Code	Order No.						

No allowance will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.





Cimarex Hasta La Vista 1 Federal Com 2DI Rev3 PCG 10-July-14 Proposal
Geodetic Report
(Non-Def Plan)



Report Date: July 10, 2014 - 03:57 PM
Client: Cimarex
Field: NM Eddy County (NAD 83)
Structure / Slot: Cimarex Hasta La Vista 1 Federal Com 2DI / Cimarex Hasta La Vista 1 Federal Com 2DI
Well: Cimarex Hasta La Vista 1 Federal Com 2DI
Borehole: Original Borehole
UWI / API#: Unknown / Unknown
Survey Name: Cimarex Hasta La Vista 1 Federal Com 2DI Rev3 PCG 10-July-14
Survey Date: February 07, 2014
Tort / AHD / DDI / ERD Ratio: 166.836 ° / 8335.011 ft / 6.417 / 0.949
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 36' 30.66553", W 103° 54' 34.48920"
Location Grid N/E Y/X: N 585369.720 ftUS, E 671821.420 ftUS
CRS Grid Convergence Angle: 0.2284 °
Grid Scale Factor: 0.99992859
Version / Patch: 2.7.1043.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 257.345 ° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: Ground level
TVD Reference Elevation: 3439.000 ft above
Seabed / Ground Elevation: 3439.000 ft above
Magnetic Declination: 7.564 °
Total Gravity Field Strength: 998.7275mgn (9.80665 Based)
Gravity Model: DOX
Total Magnetic Field Strength: 48524.241 nT
Magnetic Dip Angle: 60.406 °
Declination Date: February 07, 2014
Magnetic Declination Model: BGGM 2013
North Reference: Grid North
Grid Convergence Used: 0.2284 °
Total Corr Mag North->Grid North: 7.3358 °
Local Coord Referenced To: Structure Reference Point

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
SHL Cimarex Hasta La Vista 1 Federal Com 2DI	0.00	0.00	180.00	0.00	0.00	0.00	0.00	N/A	585369.72	671821.42	N 32 36 30.67	W 103 54 34.49
Build to 5° Nudge	3650.00	0.00	180.00	3650.00	0.00	0.00	0.00	0.00	585369.72	671821.42	N 32 36 30.67	W 103 54 34.49
Hold 5° Nudge	3900.00	5.00	180.00	3899.68	2.39	-10.90	0.00	2.00	585358.82	671821.42	N 32 36 30.56	W 103 54 34.49
KOP - Build 12°/100ft	8316.92	5.00	180.00	8299.80	86.73	-395.86	0.00	0.00	584973.89	671821.42	N 32 36 26.75	W 103 54 34.51
Build and Turn 12°/100ft DLS	8900.26	75.00	180.00	8719.38	163.86	-747.93	0.00	12.00	584621.84	671821.42	N 32 36 23.27	W 103 54 34.52
Landing point - Turn 2°/100ft	9387.73	91.84	236.65	8780.00	470.44	-1153.12	-223.24	12.00	584216.68	671598.20	N 32 36 19.26	W 103 54 37.15
Hold 270° Azi Cimarex Hasta La Vista 1 Federal Com 2DI PBHL	11054.10	91.84	270.00	8724.93	2108.45	-1624.36	-1796.21	2.00	583745.48	670025.34	N 32 36 14.66	W 103 54 55.56
	16496.68	91.84	270.00	8550.00	7416.15	-1624.77	-7235.98	0.00	583745.07	664585.97	N 32 36 14.87	W 103 55 59.15

Survey Type: Non-Def Plan

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
Survey Program:												
Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey				
	1	0.000	8315.000	1/100.000	30.000	30.000	SLB_MWD-POOR	Original Borehole / Cimarex Hasta				
	1	8315.000	16496.675	1/100.000	30.000	30.000	SLB_MWD-STD	La Vista 1 Federal Com 2DI Rev3				
								Original Borehole / Cimarex Hasta				
								La Vista 1 Federal Com 2DI Rev3				

Rig TBD

Cimarex

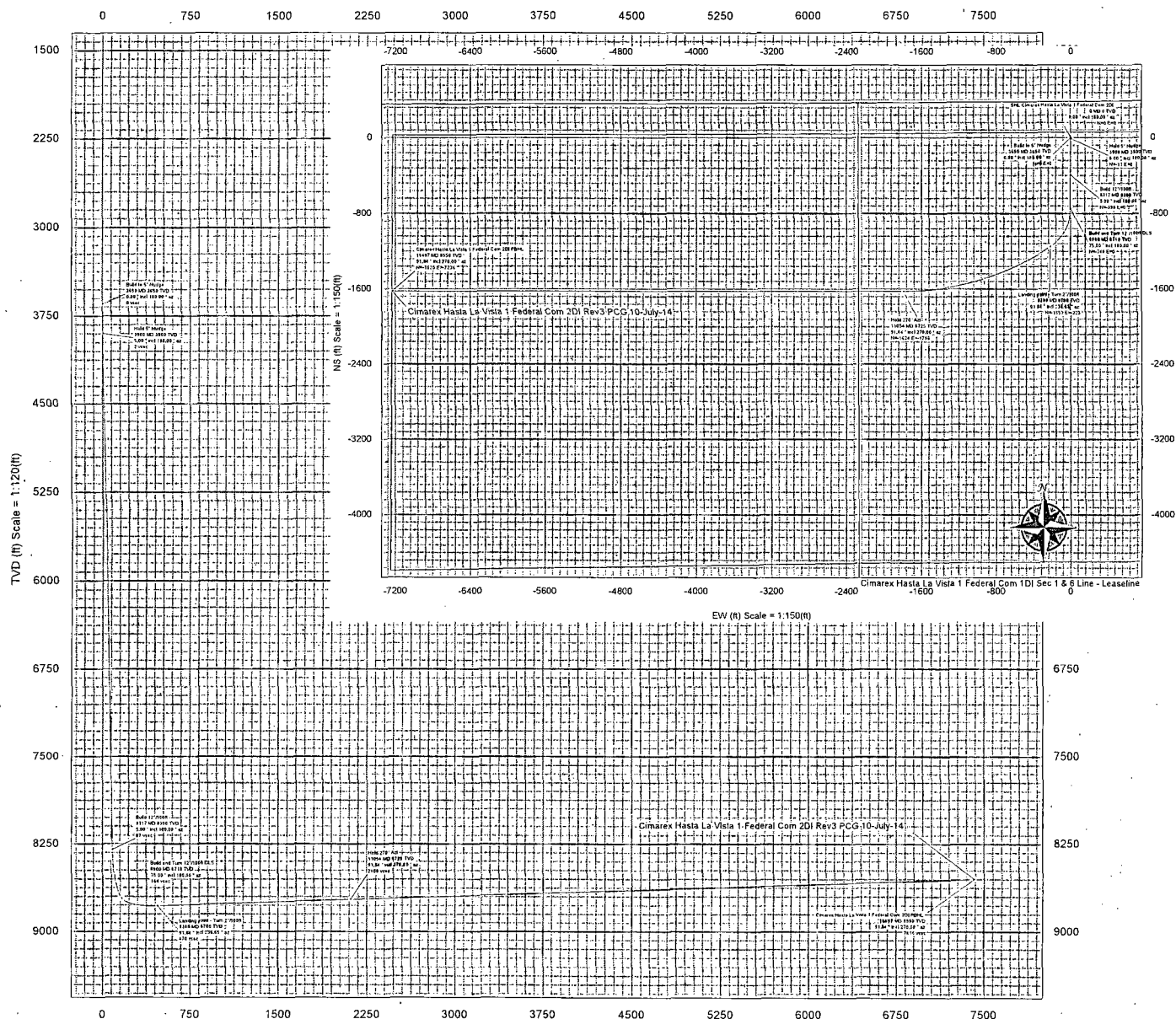
Rev3

PATHFINDER
A Schlumberger Company

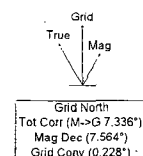
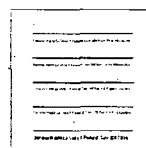
Borehole:	Well:	Field:	Structure:
Original Borehole	Hasta La Vista 1 Federal Com 2DI	NM Eddy County	TBD

Gravity & Magnetic Parameters				Surface Location				NAD83 New Mexico State Plane, Eastern Zone, US Feet				Miscellaneous			
Model: GGM2013		Dip: 60.406°	Date: 07-Feb-2014	Lat: N 32 36 30.67		Northing: 585369.72MUS		Grid Con: 0.2284"		Plot: Hasra La Vista 1		TVO Ref: Ground level (4330ft above)			
MagDec: 7.564°		Dir: 48524.241nT	Gravity/Fs: 998.727mgm (8.90665 Based)	Lon: W 103 54 34.49		Easting: 171821.42MUS		Scale/Fad: 0.99992859		Shot: Rev3 PCor 20-14					

Comments	Critical Points													
	Survey MD (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Sub-Sua TVD (ft)	VS (ft)	HS (in)	EW (ft)	Latitude (deg)	Longitude (deg)	Easting (ftUS)	Northing (ftUS)	DLS (ft/100ft)	Tool Face (deg)
SHL Cimarex Hasta La Vista 1 Federal Corin 20J	0.00	0.00	180.00	0.00	-3439.00	0.00	0.00	0.00	N 32 36 30.666° W	103 54 34.489°	617821.42	585369.72		180.00
Build to 5' Hudge	3650.00	0.00	180.00	3650.00	211.00	0.00	0.00	0.00	N 32 36 30.666° W	103 54 34.489°	617921.42	585369.72	0.00	180.00
Hold 5' Hudge	3900.00	5.00	180.00	3899.68	-460.68	2.39	-10.90	0.00	N 32 36 30.568° W	103 54 34.490°	617821.42	585358.82	2.00	180.00
Build 12 1/2 100ft	8316.92	5.00	180.00	8299.90	-4960.00	-86.73	-395.86	0.00	N 32 36 26.749° W	103 54 34.508°	617821.42	584973.09	0.00	180.00
Build and Turn 12 1/2 100ft DLS	8900.26	75.00	180.00	8719.38	-5280.38	163.86	-747.93	0.00	N 32 36 23.265° W	103 54 34.524°	617821.42	584621.84	12.00	78.28
Landing point - Turn 2 1/2 100ft	9387.73	91.84	236.65	8700.00	-5341.07	470.44	-1553.12	223.24	N 32 36 19.265° W	103 54 37.352°	617598.20	584216.68	12.00	90.00
Hold 270° Azi	11054.10	91.84	270.00	8724.93	-5285.93	2108.45	-1624.36	-1796.21	N 32 36 14.664° W	103 54 35.5562°	60605.34	583745.48		90.00
Cimarex Hasta La Vista 1 Federal Corin 20J PBH1	16496.68	91.84	270.00	8550.00	-5111.00	7416.15	-1624.77	-2235.98	N 32 36 14.867° W	103 55 59.150	607485.97	583745.07	0.00	90.00



Vertical Section (ft) Azim = 257.345° Scale = 1:120(ft) Origin = 0N/-S, 0E/-W



CONTROLLED	
Plan ref	CONWAY HOUSE 15 YEARS 1999-2000 Comm. 200 2107 PC 0. 15-July-99
Drawing ref	
Copy number	1 of 1
Date	15-July-2014
1	Original - Craig Gordon
2	OE Supp Off Authority -
3	DEM Lms Manager
4	Client