District I 1625 N. French Dr., Hobbs, NM 88240 District II

IJ.

1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 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 October 12, 2005 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

☐ AMENDED REPORT

1220 S. St. Francis Dr., Santa Fe, NM 875	505			
	WELL	LOCATION	AND	ACREAGE DEDICA

		W	ELL LO	CATIO	N AND ACR	EAGE DEDICA	ATION PLAT	١		
	.PI Number)25-360		Pool Code Pool Name 2260 Apache Ridge; Bone Spring							
Property C	y Code Property Name Federal 6 Com						*Well Number 002			
⁷ ogrid N 16268:				Operator Name CIMAREX ENERGY CO. OF COLORADO					'Elevation 3613' GL	
¹⁰ Surface Location										
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/	East/West line C	
G	6	20S	34E		1980	North	1980	Eas	t	Lea
¹¹ Bottom Hole Location If Different From Surface										
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East	West line	County
12 Dedicated Acres	13 Joint or	Infill "Co	nsolidation (Code B Or	der No.					
40										

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.

16	1980′			17 OPERATOR CERTIFICATION I hereby certify that the information contained 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order licetelfare entered by the division.
	NM-0656	607	1980'	Signature Date Zeno Farris Printed Name
				18SURVEYOR 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 and Seal of Professional Surveyor: Certificate Number

FEDERAL 6 COM #2 BONE SPRING RECOMPLETION

API#30-025-36003 1980' FNL & 1980' FEL Section 6, 20S, R-34E Lea County, New Mexico

GL: 3613'

KB: 3633'

TD DRILLER: 13700'

TD LOGGER: 13598'

SURF CSG: 13-3/8" OD 68/61#/FT J-55 AT 3150' TOC 0' (CIRC)

2-3/8" L-80 WITH OOT AND AS1X PKR AT 13123'

INTER CSG:

8-5/8" OD 32 #/FT J-55 @ 4911' DV TOOL AT 3622' TOC 0' (CIRC)

PROD CSG:

5-1/2" OD 20# P-110 @ 13700' W/ 745 SX.TOC <5000' (CBL)

TUBING:

ID=4.778", DRIFT=4.653", BURST=12640, CAPACITY=0.9314 GAL/LF

PERFS:

ID=1.995", DRIFT=1.901", BURST=12860 PSI, CAPACITY=0..1624 GAL/LF

13198-210' (2 SPF), 13222-228' (3 SPF), 13261-266' (3 SPF), 13288-292 (3 SPF). 13300-302' (3 SPF), BELOW PLUGS: 13344-354' (6 SPF) 13393-404' (6 SPF)

1. MIRU PU. KILL WELL WITH 2% KCL IF NECESSARY, NIPPLE UP 3K MANUAL BOPS. RELEASE PACKER AND TOH WITH TUBING AND PACKER. TALLY TUBING OUT OF THE HOLE. LAY DOWN 3400' OF TUBING.

2. MIRU WIRELINE. RIH WITH GR/JUNK BASKET TO 13,190'. RIH W/ CAST IRON BRIDGE PLUG TO +/-13150' AND SET. DUMP BAIL 35' CEMENT ON TOP. SET ANOTHER CIBP WITHIN 3000' OF PREVIOUS CIBP (+/-10200'). LOAD HOLE W/ 2% KCL AND TEST CASING AND PLUG TO 3000 PSI. PERFORATE BONE SPRING AIRSTRIP DOLOMITE (3 SPF, 120 DEG PHASING) AS FOLLOWS:

ASING/AS I OLLOWS.							
ZONE	INTE	RVAL	FOOTAGE	HOLES			
-	TOP	воттом					
Bone Sp	.9526.0	9537.0	11	33			
Bone Sp	9542.0	9550.0	8	24			
Bone Sp	9556.0	9566.0	10	-30			
Bone Sp	9581.0	9596.0	15	45			
Bone Sp	9606.0	9614.0	8	24			
Bone Sp	9618.0	9624.0	6	18			
TOTAL			58	174			

PERFS TO BE CORRELATED TO HALLIBURTON SD/DSN LOG 10/25/2002 MONITOR FLUID LEVEL IN AND OUT OF HOLE. RDMO WIRELINE.

- TIH WITH PACKER (WITH BYPASS) ON TUBING. SET PACKER AT 9450'. SPOT 500 GAL 15% NEFE BONE SPRING ACID TO END OF TUBING USING 2% KCL. BREAKDOWN PERFS. ONCE OPEN, RESUME ACID AND BREAKDOWN PERFS WITH 5800 GAL 15% NEFE BONE SPRING ACID AND 300 BALL SEALERS MAXIMIZING RATE AT MAX PRESSURE 4500 PSI. TOTAL ACID 6300 GAL. RECORD ISIP AND ONE-SECOND PRESSURE DATA FOR AN HOUR (UNLESS WELL GOES ON VACUUM). SWAB FOR MAX TWO DAYS TO RECOVER ACID LOAD AND TO SEE IF WELL WILL KICK-OFF FLOWING.
- 4. CONSULT WITH MIDLAND FOR NEXT STEPS. 1) IF WELL FLOWING, BUT NOT STEADILY, WILL KILL WELL AND TOH WITH TUBING AND PACKER AND EVALUATE PLUNGER LIFT. IF WELL NOT PRODUCING OIL, WILL CALL NMOCD TO SEE IF WELL CAN BE TA'D BY TESTING CASING (WITH PACKER IN THE HOLE).

04/06/2009 1 OF 1 PROCEDURE FEDERAL 6 COM 2 RC TO BS.DOC