								# 1# 15 N A					
Form 3160-4 37	<u>,</u> §		.:					OCD-A			OD 4888	OVED	
(October 1990)	<u>, </u>	U	NITED	STA	TES			DUPLICATE (See other	l i	O!	OR APPROMB NO. 100 HS: Decemb	04-0137	
DEO ONGS	PEPA	RTM	ENT O	F TH	IE IN	TERIO	R	struction reverse s	OR E	LEASE DE			
DEC > 2008	4	BUREA	U OF LA	ND MAN	NAGEME	NT		.,,,,,,,	1	NMNM94	076		
RECEIVED D - WEIE SIACO		O AC	P PECO	MADI F	TION	REPORT	ΔN	D LOG*	6	. IF INDIAN	, ALLOTTI	E OR TRIBE	
1a. TYPE OF WEL		QII. [GAR WELL	_						. UNIT AGR			
b. TYPE OF COM	9/	WELL L	⊥ went t		DRY 🔀	Other			- '	. UNIT AGE	EEMENT N	AM B	
La. TYPE OF WELL b. TYPE OF COM CSL TO THE OF OPERAT	WORK D	DEEP-	PLDS [FF.	Other Plus	g and A	Abandon		. FARM O	R LEASE	NAME, WE	
2. NAME OF OPERAT	ron								:	Pintail 23	Federal	Com No.	
Cimarex Energ									I	. API WELL	- \	272	
3. ADDRESS AND P O Box 14090		-	0007						l	30-015 33		B WILDCAT	
4. LOCATION OF WEI	LL (Report le	ocation cle	carly and in	accordun	ce with an	y State requ	irement	(2)*	- -			-	
At surface 13	40' FNL &	990' FW	ΛL						1	1. BEC. T., OR AREA	R., M., ON	BLOCK AND E	
At top prod. int	erval reporte	ed below	1340' FNI	L & 990	'FWL				S	Sec 23-T2:			
At total depth	1340' FNI	L & 990'	FWL										
				14. P	ERMIT NO.		DATE	DATE ISSUED		12. COUNTY OR		13. STATE	
							<u> </u>			Eddy	1	NM	
15. DATE SPUDDED	16. DATE T	D. REACH	ED 17. DAT	E COMPL.	(Ready t	· · · · · · · · · · · · · · · · · · ·		ATIONS (DF, R	KB, RT,	GR, ETC.)*	19. ELE	V. CASINGE	
05-26-05	06-19-05	PLIM BAS	EK T.D., MD A	TVD 1 2	2 18 WIT	TIPLE COMP	330' G	R 23. INTERVA	1.8 '	ROTARY TOO	LE	CABLE TOO	
12350'	60		you start MAP 66	^	HOW M			DRILLED		All	1		
24. PRODUCING INTER			PLETION—TO	P, BOTTOM	, NAME ()	AD AND TVD)						AS DIRECTI	
26. TYPE ELECTRIC A											<u> </u>		
DSN, DLL, O		NUR BDO									27. WAR N	WELL CORE	
-			CAS			ort all string		opell)	, CEMEN	TING RECORD	No		
DSN, DLL, (CBL					i.e size			, CEMEN	TING RECORD	No	0	
DSN, DLL, (28. CASING SIZE/GRADE	CBL WEIGHT.		DEPTH SE		Но	I.E RIZE	250 s	TOP OF CEMENT		TING RECORD	No	0	
DSN, DLL, (28. CASING SIZE/GRADE 13-3/8" J-55	WEIGHT. 54.5 #		216'		17-1/2	I.E RIZE	250 s	TOP OF CEMENT		TING RECORD	No	0	
DSN, DLL, (28. CASING SIZE/GRADE 13-3/8" J-55 9-5/8" J-55/P-110	WEIGHT. 54.5 #	L8./FT.	216' 3431'	T (MD)	17-1/2	I.E RIZE	250 s	ex circ 62 sx 0 sx circ 150	sx		No	0	
DSN, DLL, (28. CASING SIZE/GRADE 13-3/8" J-55	WEIGHT. 54.5 #	LE./FT.	216'	T (MD)	17-1/2	I.E RIZE	250 s 1100	TOP OF CEMENT	SX	TING RECORD BING RECORD TH SET (M	No	0	
DSN, DLL, (28.	VEIGHT. 54.5 # 40 #	LE./FT.	216' 3431'	T (MD)	17-1/2 12 1/4	I.E SIZE	250 s 1100	EX CITC 62 SX 0 SX CITC 150	SX	BING RECO	No	O SHOUNT FUL	
DSN, DLL, (28. CASING SIZE/GRADE 13-3/8" J-55 9-5/8" J-55/P-110 29.	SA.5 # 40 # TOP (MD)	LINE BOT	DEPTH 88 216' 3431' BR RECORD TOM (MD)	T (MD)	17-1/2 12 1/4	LE SIZE	250 s 1100	TOP OF CEMENT X circ 62 sx) sx circ 150 30. SIZE	TUF DEP	BING RECO	No Property of the Property of	O MOUNT PUL	
DSN, DLL, (28.	SA.5 # 40 # TOP (MD)	LINE BOT	DEPTH 88 216' 3431' BR RECORD TOM (MD)	T (MD)	17-1/2 12 1/4	SCREEN (1	250 s 1100	TOP OF CEMENT EX CITC 62 SX EX CITC 150 30. SIZE	TUE DEP	BING RECO	No Property of Squeet	MOUNT PUL	
DSN, DLL, (28. CASING SIZE/GRADE 13-3/8" J-55 9-5/8" J-55/P-110 29.	SA.5 # 40 # TOP (MD)	LINE BOT	DEPTH 88 216' 3431' BR RECORD TOM (MD)	T (MD)	17-1/2 12 1/4	LE SIZE	250 s 1100	TOP OF CEMENT EX CITC 62 SX EX CITC 150 30. SIZE	TUE DEP	BING RECO	No Property of Squeet	MOUNT PUL	
DSN, DLL, (28. CASING SIZE/GRADE 13-3/8" J-55 9-5/8" J-55/P-110 29.	SA.5 # 40 # TOP (MD)	LINE BOT	DEPTH 88 216' 3431' BR RECORD TOM (MD)	T (MD)	17-1/2 12 1/4	SCREEN (1	250 s 1100	TOP OF CEMENT EX CITC 62 SX EX CITC 150 30. SIZE	TUE DEP	BING RECO	No Property of Squeet	MOUNT PUL	
DSN, DLL, (28. CASING SIZE/GRADE 13-3/8" J-55 9-5/8" J-55/P-110 29.	SA.5 # 40 # TOP (MD)	LINE BOT	DEPTH 88 216' 3431' BR RECORD TOM (MD)	T (MD)	17-1/2 12 1/4	SCREEN (1	250 s 1100	TOP OF CEMENT EX CITC 62 SX EX CITC 150 30. SIZE	TUE DEP	BING RECO	No Property of Squeet	MOUNT PUL	
DSN, DLL, (28. CASING SIZE/GRADE 13-3/8" J-55 9-5/8" J-55/P-110 29. SIZE 31. PERFORATION REC	SA.5 # 40 # TOP (MD)	LINE BOT	DEPTH 88 216' 3431' BR RECORD TOM (MD)	T (MD)	17-1/2 12 1/4	SCREEN (1	250 s 1100	TOP OF CEMENT EX CITC 62 SX EX CITC 150 30. SIZE	TUE DEP	BING RECO	No Property of Squeet	MOUNT PUL	
DSN, DLL, (28. CASING SIZE/GRADE 13-3/8" J-55 9-5/8" J-55/P-110 29.	WEIGHT, 54.5 # 40 # TOP (MD)	LINE BOT	DEPTH 88 216' 3431' BR RECORD TOM (MD)	SACKS (17-1/2 12 1/4	SCREEN (1	250 s 1100	x circ 62 sx) sx circ 150 30. SIZE D. SHOT. FR	TUE DEP	BING RECO TH SET (M E. CEMEN'	No Property of Squeez	MOUNT PUL	
DSN, DLL, (28. CASING SIZE/GRADE 13-3/8" J-55 9-5/8" J-55/P-110 29. SIZE 31. PERFORATION REC	WEIGHT, 54.5 # 40 # TOP (MD)	LINE BOT	DEPTH 88 216' 3431' BR RECORD TOM (MD) d number)	SACES (17-1/2 12 1/4	SCREEN (1	250 s 1100	x circ 62 sx) sx circ 150 30. SIZE D. SHOT. FR	TUE DEP	BING RECO TH SET (M E. CEMEN' NT AND KIN	No Property of the Control of the Co	MOUNT PUL	
DSN, DLL, C 28. CASING SIZE/GRADE 13-3/8" J-55 9-5/8" J-55/P-110 29. SIZE 31. PERFORATION REC 33.* DATE PIRST PRODUCTION DATE OF TEST	TOP (MD) ORD (Interventional Interventional Interv	LINE BOT	DEPTH SE 216' 3431' ER RECORD TOM (MD) d number)	SACKS (PROI gae lift, per 'N. FOR	SCREEN (1 SCREEN (1 BEPTH 11 DU'CTION amping—size	250 s 1100	TOP OF CEMENT X CITC 62 SX SX CITC 150 30. SIZE (MD) (MD) (Pe of pump)	TUE DEP	BING RECO TH BET (M E. CEMENT NT AND KIN WELL SI WATER—BBL	No Property of the Control of the Co	CKER BET LE, ETC. BRIAL USED Producing of	
DSN, DLL, C 28. CASING SIZE/GRADE 13-3/8" J-55 9-5/8" J-55/P-110 29. SIZE 31. PERPORATION REC 33.* DATE PIRET PRODUCTI	WEIGHT, 54.5 # 40 # TOP (MD) TORD (Intervention	LINE BOT	DEPTH SE 216' 3431' ER RECORD TOM (MD) d number)	SACES (PROI gas lift, po	SCREEN (1 SCREEN (1 BEPTH 11 DU'CTION amping—size	250 s 1100	TOP OF CEMENT X CITC 62 SX SX CITC 150 30. SIZE (MD) (MD) (Pe of pump)	TUE DEP	BING RECO TH BET (M E. CEMENT NT AND KIN WELL SI WATER—BBL	No Property of the Control of the Co	CKER BET LE, ETC. BRIAL USED Producing of	
DSN, DLL, C 28. CASING SIZE/GRADE 13-3/8" J-55 9-5/8" J-55/P-110 29. SIZE 31. PERFORATION REC 33.* DATE PIRST PRODUCTION DATE OF TEST	TOP (MD) TOP (MD) TORD (Frierve	LINE BOT	DEPTH SE 216' 3431' GR RECORD TOM (MD) M NWETHOD (A CHOKE SIZE CALCULATED 24-HOUR EAT	SACKS (PROI gae lift, por PERIOD	SCREEN (1 SCREEN (1 BEPTH 11 DU'CTION amping—size	250 s 1100	TOP OF CEMENT X CITC 62 SX SX CITC 150 30. SIZE (MD) (MD) (Pe of pump)	TUE DEP	BING RECO TH BET (M E. CEMENT NT AND KIN WELL SI WATER—BBL	DRU D) FA STATUS (f-(n)) OIL GRAY	CKER BET LE, ETC. BRIAL USED Producing of	
DSN, DLL, (28. CASING SIZE/GRADE 13-3/8" J-55 9-5/8" J-55/P-110 29. SIZE 31. PERPORATION REC 31. PERPORATION REC DATE PIRST PRODUCTI DATE OF TEST FLOW. TURING PRESS.	TOP (MD) TOP (MD) TORD (Frierve	LINE BOT	DEPTH SE 216' 3431' GR RECORD TOM (MD) M NWETHOD (A CHOKE SIZE CALCULATED 24-HOUR EAT	SACKS (PROI gae lift, por PERIOD	SCREEN (1 SCREEN (1 BEPTH 11 DU'CTION amping—size	250 s 1100	TOP OF CEMENT X CITC 62 SX SX CITC 150 30. SIZE (MD) (MD) (Pe of pump)	TUE DEP	BING RECO TH BET (M E. CEMENT NT AND KIN SIAM WATER—BBI	DRU D) FA STATUS (1-4n) OIL GRAY OIL GRAY OIL GRAY	MOUNT PUL CKER BET LE, ETC. BRIAL USED Producing of the color batto LEY APP (COL)	
DSN, DLL, (28. CASING SIZE/GRADE 13-3/8" J-55 9-5/8" J-55/P-110 29. SIZE 31. PERPORATION REC 31. PERPORATION REC DATE PIRST PRODUCTI DATE OF TEST FLOW. TURING PRESS.	TOP (MD) TOP (MD) TOP (MD) TORD (Faterver) TORD (Faterver) TORD (Faterver) TORD (Faterver) TORD (Faterver)	LINE BOT	DEPTH SE 216' 3431' GR RECORD TOM (MD) M NWETHOD (A CHOKE SIZE CALCULATED 24-HOUR EAT	SACKS (PROI gae lift, por PERIOD	SCREEN (1 SCREEN (1 BEPTH 11 DU'CTION amping—size	250 s 1100	TOP OF CEMENT X CITC 62 SX SX CITC 150 30. SIZE (MD) (MD) (Pe of pump)	TUE DEP	BING RECO TH BET (M E. CEMENT NT AND KIN WATER—BBL	DRU D) FA STATUS (1-4n) OIL GRAY OIL GRAY OIL GRAY	CKER BET LE, ETC. BRIAL USED Producing of	
DSN, DLL, C 28. CASING SIZE/GRADE 13-3/8" J-55 9-5/8" J-55/P-110 29. 81ZE 31. PERFORATION REC 33. DATE PIRST PRODUCTI DATE OF TEST PLOW. TURING PROBS. 34. DISPOSITION OF G. 35. LIST OF ATTACKS [Dry Hole Prep	TOP (MD) TOP (MD) TOP (MD) TORD (Faterve	LINF BOT BOT BOT BOT BOT BOT BOT BOT	DEPTH SE 216' 3431' SR RECORD TOM (MD) d number) N METHOD (A CHOKE SIZE CALCULATED 24-HOUR RAT vented, etc.)	Flowing,	PROI gae lift, pu	SCREEN (1) SCREEN	250 s 1100 MD) ACI	TOP OF CEMENT X CITC 62 SX SX CITC 150 30. SIZE D. SHOT. FR (MD) Pe of pump) GAS—MCF.	TUE DEP ACTUR AMOUN FER	BING RECOMENT (MELL SIPPED) WELL SIPPED PTED ERT WITNES	PRUDD) FA	MOUNT PUL CKER BET LE, ETC. BRIAL USED Producing of the control of the contro	
DSN, DLL, C 28. CASING SIZE/GRADE 13-3/8" J-55 9-5/8" J-55/P-110 29. 81ZE 31. PERFORATION REC 33. DATE PIRST PRODUCTI DATE OF TEST PLOW. TURING PROBS. 34. DISPOSITION OF G. 35. LIST OF ATTACKS [Dry Hole Prep	TOP (MD) TOP (MD) TOP (MD) TORD (Faterve	LINF BOT BOT BOT BOT BOT BOT BOT BOT	DEPTH SE 216' 3431' SR RECORD TOM (MD) d number) N METHOD (A CHOKE SIZE CALCULATED 24-HOUR RAT vented, etc.)	Flowing,	PROI gae lift, pu	SCREEN (1) SCREEN	250 s 1100 MD) ACI	TOP OF CEMENT X CITC 62 SX SX CITC 150 30. SIZE (MD) (MD) (Pe of pump)	TUE DEP ACTUR AMOUN FER	BING RECO TH BET (M E. CEMENT NT AND RIN WATER—BBL WATER—BBL DEC	PRUDD) FA	MOUNT PUL CKER BET LE, ETC. BRIAL USED Producing of the control of the contro	

*(See Instructions and Spaces for Additional Data on Reverse Side)

Fitle 18 U.S.C. Section 1001, makes 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.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38.

GEOLOGIC MARKERS

FORMATION	TOP	воттом	DESCRIPTION, CONTENTS, ETC.		ТОР		
				NAME	MEAS, DEPTH	TRUE VERT. DEPTH	
		i		Base Salt	1690		
				Delaware	1891		
				Bone Spring	5415		
		!		Bone Spring 1st SS	6402		
				Bone Spring 2nd SS	6939		
				Bone Spring 3rd SS	8258		
				Wolfcamp	8595		
				Cisco-Canyon	10316		
				Strawn	10632		
				Atoka	10834		
				Morrow	11456		
				Morrow Middle	11875		
i				Morrow Lower	12202		
:							
						1	

080-0033

WELL/LEASE Pintail 23 Fed Com 1

COUNTY

Eddy, NM

STATE OF NEW MEXICO **DEVIATION REPORT**

				_					
044					·· ·			-	
214	1								
586	1			•				_	
1,080		1/2						JUL 13 1	
1,363	1							•	
1,673	3						ľ	MAILROC	M
1,830	2						E	* CONTRIBUTE	0 18 3
2,273	1	1/2							
2,526	1								
3,001		3/4							
3,383	1	1/4							
3,850		1/2							
4,294		1/2							
4,792	1								
5,292	1								
5,816	1								
6,167	1	3/4							
6,500		1/2							
6,999	2								
7,418	3								
7,545	3	and the state of		Marine P	**	 			
7,672	1	1/2	ARCHARA C	$\mathcal{L}_{\mathcal{A}}(e_{i}) = e_{i}(e)$	a base of the		144.	· · · · ·	
8,148		1/2							
8,367		1/2							
8,907	* 1. S. S.								
9,611	1								
10,046	2	1/2							
10,172									
10,298	1	1/2							
10,797	•	1/2							
11,287		1/2							
11,688	1								
12,035	•	1/2							
12,310		1/2							
,0.0									

STATE OF TEXAS **COUNTY OF MIDLAND**

The foregoing instrument was acknowledged before me on Moore on behalf of Patterson - UTI Drilling Company, LP, LLLP.

July 8, 2005 , by Steve

Notary Public for Midland County, Texas My Commission Expires: 8/23/07

J ROBERTSON

Notary Public, State of Texas My Commission Expires: August 23, 2007