#### District I

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

### State of New Mexico RECEIVING Minerals and Natural Resources

Form C-101 May 27, 2004

1301 W. Grar District III 1000 Rio Bra District IV 1220 S. St. Fr	zos Road, A	ztec, NM 87	88210	1820° BSOC	11 Oil Cor	nservat outh St ta Fe, N	. Franc	cis Dr.		Submit		oriate District Office  MENDED REPORT	
			R PERMIT	TOD	RILL, RE	-ENTI	ER, D	EEPE	N, PLUGBA				
Celero Ene	ergy II, LI inois, Ste.	P · 1601 Mi	OperatorName		SS				247128		RID Number		
	rtyCode	/			<sup>5</sup> Propert	vName			30 - <b>D Z</b>	5-	4 <b>DC</b>	<b>33</b>	
306083	<b>3</b>		T D Pop	e 35	•	-					34		
Denton; De	evonian	,	Proposed Pool 1	_					<sup>10</sup> Pro	posedPo	ool 2		
					<sup>7</sup> Surfac	e Locat	ion						
.UL or lot no.	Section 35	Township 14S	Range 37E	Lot l	4	from the		South line	Feet from the 1065	East East	/Westline	County	
		-	<sup>8</sup> Prope	sed Bott	om Hole Loc	ation If l	Differe	nt From	Surface				
UL or lot no.	Section	Township	Range	Lot	dn Feet	from the	North/S	South line	Feet from the	East	/Westline	County	
					lditional W		ormati						
N Work	Type Code	О	12 Well Type Co	de	13 Cat	ole/Rotary		8 '	Lease Type Code		13 Gro 3807'	und Level Elevation	
	ultiple	12,8	<sup>17</sup> Proposed Dep	th		ormation	,	Ī ·	19 Contractor nt Drilling			<sup>20</sup> Spud Date 1/2011	
Depth to Grou	ındwater			Distanc	efrom nearest fro	esh water v						ater	
Pit: Liner:	Synthetic [	m	lsthick Clay	Pit Vol	ume:bbl	5	Drill	ingMethod	<u></u>				
Close	d-Loop Syste	em 🗆	į				Fresh '	Water 🔲	Brine Diesel/	Ol-based	i ☐ Gas/	Air 🗆	
			2:	Propos	sed Casing	and Ce	ement	Progra	m ·				
Hole S	ize	Cas	ing Size	Casin	g weight/foot		Setting D	epth	Sacks of C	ement		Estimated TOC	
17-1/2"		13-3/8"		54.5	350'				600			Surface	
12-1/4" 8-3/4"		9-5/8" 7"		36, 40 26, 29, 3				1150 1700			Surface 4700'		
0-3/4		. /		20, 29, 2	12	12,10			1700		. 7700		
												·	
Describe the b 1. Prepare s 2. Drill 17- 3. Drill 12- 4. Drill 8-3/	olowout prev ourface loo 1/2" surfa 1/4" intern /4" produc	vention progreation. More hole to mediate hole to	ram, if any. Use IRU drlg rig.	additionals Install r 60'. Set 1 Set 9-5/8 let 7" cas	sheets if necessaliser & bell n 3-3/8" csg & " csg & cmt	ry. ipple. Sp cmt to to surfa	oud we	ll. e. Instal	l & test BOP's.		oposed nev	v productive zone.	
	Permit Expires 2 Years From Approval  Date Unless Drilling Underway												
			given above is tr					OIL	CONSERVA	TION	DIVIS	ION	
constructed a	according to	NMOCD g	certify that the guidelines $\Box$ , a oved plan $\Box$ .			OIL CONSERVATION DIVISION Approved by:							
Printed name:	Lisa Hu	ınt	Lun	4	to A	PETROLEUM EDEMPERA							
Title:		ory Analy	vst.	, 77		Title:	val Data	MADI 1	2 5 2011	Evelect:	on Doto:	· · · · · · · · · · · · · · · · · · ·	
E-mail Addres				·· <u>·</u> ··		Арріо	vai Dale	CM-114 q	<del> </del>	Expiration	лигане.		
Date: 01/1			Ī.,	132)686.	1882	Condi	tionsof A	pproval A	ttached $\square$				

### RECEIVED

DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240 JAN 18 2011

#### State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

**JIL CONSERVATION DIVISION** 1715 SOUTH ST. FRANCIS DR.

Revised October 12, 2005 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT III

DISTRICT IV

1000 RIO BRAZOS RD., AZTEC, NM 87410

Santa Fe, New Mexico 87505

DISTRICT IV 1715 S. ST. FRANCIS DR., SANTA FE, N	WELL LOCATION	N AND A	CREAGE DEDICAT	TION PLAT .	☐ AMENDED REPORT
3D-025-4	Pool Code	/	Destan.	Pool Name	
Property Code	1033 16910	Prone	Denton,	Devonic	Well Number
306083	•	•	POPE 35		34
OGRID No.		Opera	tor Name		Elevation
247128	CE	ELERO E	NERGY II LP		3807'

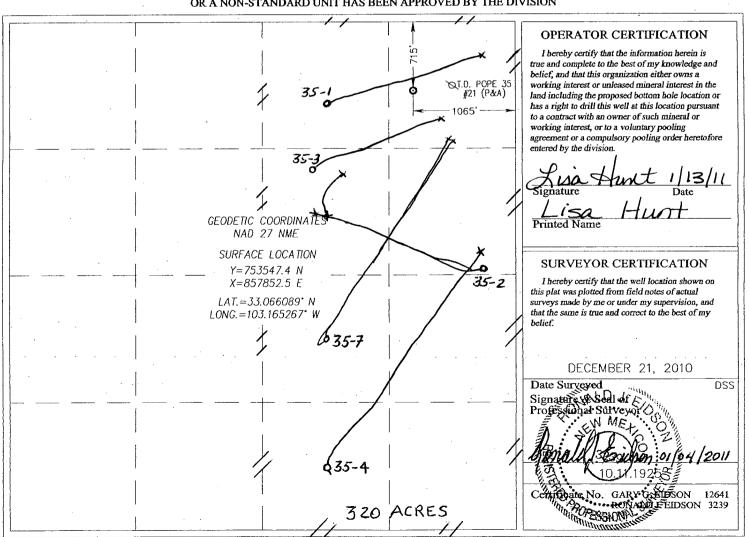
#### Surface Location

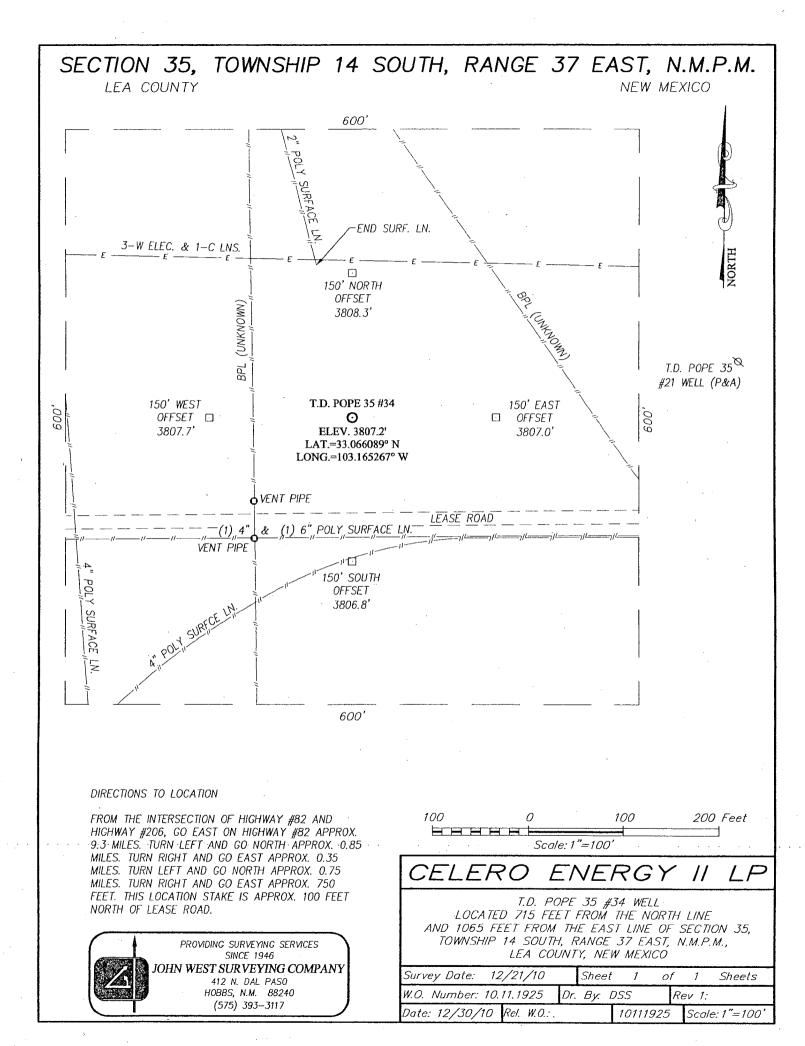
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Α	35	14-S	37-E		715	NORTH	1065	EAST	LEA

#### 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
Dedicated Acres	Joint or Inf	5il Con	solidation Code		Inder No.				1
4032									

#### 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





# VICINITY MAP

C-148A 21 GAINER	22	23	24	6145	20	C-135	22	23	24	19	20	21
T1.48 28	27	. 26	25	30	29	28	27 L131	26	25	30	29	28
33 %	34	Mekowy G 7132	36 DONALD	31 MCDON	NOS d WIS	£ T 13 S	DORAN Z 34 Y O	35	HEIDEL	og 31	32	33
B +1.2 -	COMMUNITY C C -132 T132	CHAMBERS	T130 ⁻⅓₂ 1	£130	5	T 14 S	з 9 Э	5 L136	L134 T HEIDEL	6	5	4
PEBBLE 9 ENTERPRI	C=129	31	12	I '	8 ERPRISE	9	10	11 COLLINS	12	7	8	9
T129 C-129	15 ()	14 HENNING	LON H 13 AR BISO	££ 18	L129	16	15 d.Od	L137 90 14	13	18 HENNING	17 FON L128	16
21 DOVEY	22 A T O	23 L128	24	PRA	IRIE\	L128 YEW DOVEY	22 EV	23	24 DOVEY	PE 35 ; 19 DOVEY	#34 20	21
L127	27	26 HESTER	SOUTHVIEW \$\footnote{\mathbb{G}}{\mathbb{R}}\$	£ 30	29	L127 89 28	전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전	26	R 37 E	L127 <b>B</b> 30 <b>E</b> 30 FILLIN L137	29 GIM	28
33 QAOB	9 1 9 1 9 1 34	L L116 O 35	36	31	L135	<sup>33</sup> T 14 S	U89 WIER 	35	36 OEL	(137 6 5 5	32	. 33 O L V
4 CROCKET	. 3	2 . 917	SOUTHVIEW 1	6	NOS d MIS	T 15 S	3	2 U.S. HW	ANGELL 08	5	5	4
£114 9	10	11	12	7	CR(	CKETT 89	10	11	12	7	8	9
16	15	14	13	18	17 17	91 PRAIRIEVIEW	ES 15 GENE	14	13	18	17	16
LEMAN L113	22	23	U.S. HY	19 OWENS	20	21 OWENS	L91 22	23	24	19	20	21
DA [[•===]; L112	KOTA		<u> </u>	1115		LUS	1					

SCALE: 1'' = 2 MILES

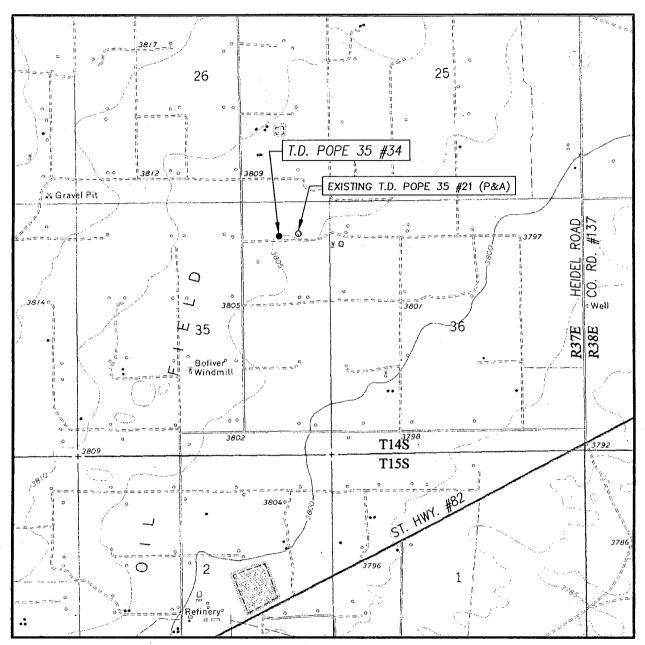
SEC: <u>35</u>	TWP. 14	<u>-S</u> R0	E. <u>37-</u>	<u>E:</u>
SURVEY		N.M.P.N	1	
COUNTY	LEA :	STATE_	NEW MI	EXICO
DESCRIPTIO	N <u>715'</u>	FNL &	1065	FEL
ELEVATION		380	7'	
OPERATOR.	CELE	RO ENE	RGY II LI	D
LEACE	ΤD	DODE	75	



PROVIDING SURVEYING SERVICES
SINCE 1946

JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(575) 393–3117

## LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: PRAIREVIEW, N.M. - 5'

SURVEY N.M.P.M.

COUNTY LEA STATE NEW MEXICO

DESCRIPTION 715' FNL & 1065' FEL

ELEVATION 3807'

SEC. 35 TWP. 14-S RGE. 37-E

OPERATOR CELERO ENERGY II LP

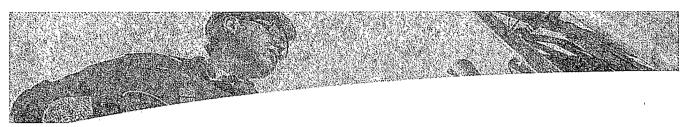
LEASE T.D. POPE 35

U.S.G.S. TOPOGRAPHIC MAP PRAIREVIEW, N.M.



PROVIDING SURVEYING SERVICES SINCE 1946

JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(575) 393-3117



## **FLUID SYSTEMS**

Fresh Water					
System		Water			
Density	8.32 lb/gal				
Total Volume		84.9 bbl			
Additives	Code	Description	Concentration		
Auditivos					

Tail Slurry (600 sacks, 94 lb pe	sack of Blend)						
System		Class "C"					
Density		14.80 lb/gal					
Yield		1.35 ft3/sk					
Mixed Water		6.191 gal/sk					
Mixed Fluid		6.191 gal/sk					
- Total Volume		144.3 bbl					
·	Code	Description	Concentration				
	C	Cement	94 lb/sk WBW0B				
Additives	S001	CaCl2	1.0 % BWOB				
	D042	Extender ·	3 lb/sk WBW0B				
	D130	Lost Circulation Control Agent	0.125 lb/sk WBW0B				

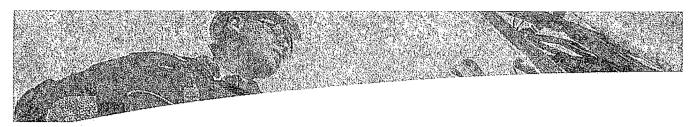
Some of the chemicals specified in this program may have toxic properties. All personnel should be familiar with the inherent dangers and appropriate safeguards to prevent accidental injury. Use of the chemicals may be governed by certain laws and regulations and should only be used in accordance with such. Please refer to the MSDS sheets for the recommended safety precautions and required minimum personal protective equipment.

13-3/8" CASING

RECEIVED

JAN 1 8 2011 HOBBSOCD





### **FLUID SYSTEMS**

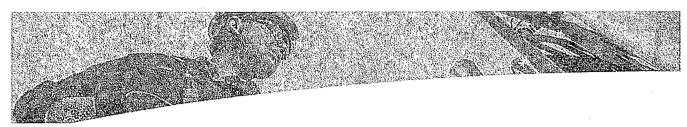
Fresh Water			化铁基化合物 水蓝色 网络巴拉		
System	Water 8.32 lb/gal 384.9 bbl				
Density					
Total Volume					
Additives	Code	Description	Concentration		

Lead Slurry (950 sacks, 88 lb p	er sack of Blend)						
System		35/65 (P/C)					
Density		12.60 lb/gal					
Yield		2.06 ft3/s	k				
Mixed Water		11.348 gal/s	k				
Mixed Fluid		11.348 gal/s	k				
Total Volume		349.8 bbl					
	Code	Description	Concentration				
	D044	NaCl	5.0 % BWOW				
	C	Cement	61 lb/sk WBW0B				
Additives	D132	Extender	27 lb/sk WBW0B				
Additives	D020	Extender	6.0 % BWOB				
	D046	Anti Foam	0.2 % BWOB				
	D042	D042 Extender 3 lb/sk WBWO					
	D130	Lost Circulation Control Agent	0.125 lb/sk WBW0B				

Tail Slurry (200 sacks, 94 lb pe	r sack of Blend)						
System		Class "C"					
Density		14.80 lb/gal					
Yield		1.33 ft3/sk					
Mixed Water		6.347 gal/sk					
Mixed Fluid		6.347 gal/sk					
Total Volume		47.3 bbl					
	Code	Description	Concentration				
Additives	C D130 D013	Cement Lost Circulation Control Agent Retarder	94 lb/sk WBWOB 0.125 lb/sk WBWOB 0.1 % BWOB				

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9-5/8" CASING



### **FLUID SYSTEMS**

Fresh Water					
System	Water				
Density	8.32 lb/gal				
Total Volume					
Additives	Code	Description	Concentration		
Additives					

CVV100				
System	. CW100			
Density	8.33 lb/gal			
Total Volume	20.0 bbl			
Additives	Code	Description	Concentration	

Lead Slurry (900 sacks, 89 lb p	er sack of Blend)			
System	35/65 (P/H)I			
Density	12.40 lb/gal			
Yield	2.19 ft3/sk			
Mixed Water	12.247 gal/sk			
Mixed Fluid	12.247 gal/sk			
Total Volume	351.5 bbl			
Additives	Code	Description	Concentration	
	D044	NaCl	5.0 % BWOW	
	Н	Cement	61 lb/sk WBWOB	
	D132	Extender	28 lb/sk WBWOB	
	D020	Extender .	6.0 % BWOB	
	D046	Anti Foam	0.2 % BWOB	
	D042	Extender	3 lb/sk WBWOB	
	D112	Fluid loss	0.5 % BWOB	
	D130	Lost Circulation Control Agent	0.125 lb/sk WBWOB	

Tail Slurry (800 sacks, 74 lb per sack of Blend)				
System	TXI			
Density	13.20 lb/gal			
Yield	1.32 ft3/sk			
Mixed Water	6.627 gal/sk			
Mixed Fluid	6.627 gal/sk			
Total Volume	184.5 bbl			
Additives	Code	Description	Concentration	
	D049	Cement	74 lb/sk WBWOB	
	D167 .	Fluid loss	0.5 % BW0B	
	D065 · ·	Dispersant		
	D046	Anti Foam	0.2 % BWOB	
	D130	Lost Circulation Control Agent	0.125 lb/sk WBWOB	

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7" PRODUCTION CASING



