<u>Pistriet I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720

District [[811 S. First St., Artesia, NM 88210

Phone: (575) 748-1283 Fax: (575) 748-9720

<u>District III</u>

Signature:

Date: 01/15/2013

Title: Regulatory Specialist II

E-mail Address: bryan.arrant@chk.com

Printed name: Bryan Arfant-Agent for Chevron USA, Inc.

Phone: (405)935-3782

1000 Rio Brazos Road, Aztec, NM 87410

State of New Mexico

Form C-101 Revised November 14, 2012

☐ AMENDED REPORT

Expiration Date: JAN 1 3, 2015

HOBBS OCD

Energy Minerals and Natural Resources

JAN 1 6 2013

Oil Conservation Division

1220 South St. Francis Dr.

10 Lux. (20.	5) 334-6170	J.			1220 500	սա ծե բր	ancis Di.			
<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462			RECEIVE	ED	Santa Fe, NM 87505					
CATIC	N FO				., RE-EN	TER, DI	EEPEN, I	PLUGBAC		
USA, Ir	ıc.			and Address						Number
Road M	1idland	, TX 79	9705					20 0		
√ Code		T_			2 Property N	lame		1000		Well No.
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	1	· 1		Lot Idn	1					ne County LEA
32	203	[321		8 Propo				02	ļ Ē	ILEA
Section	Townsh	ip	Range	Lot Idn				Feet From	E/W Lis	ne County
32	26S	32E	3		400'	N	3	50'	w	LEA
				^{9.} I	Pool Inforr	nation				
BONE	SPRIN	G UPP	ER SHAL		ol Name				-	Pool Code 97838
			······································	Additio	nal Well I	nformation	1			
Туре		12.	Well Type				14.	Lease Type		15. Ground Level Elevation
inle	0	17. Pt	oposed Depth	K	^{f8.} Format	ion		Contractor	3101	²⁰ Spud Date
•	13,				e Spring		TBD			
d water			1		t fresh water v	well		1		ırface water
			21.	Proposed C	asing and	Cement Pr	rogram			
Hol	e Size	Cas	ing Size	Casing V	Veight/ft	Settin	g Depth	Sacks of	Cement	Estimated TOC
17 1/2	2"	13 3/8	11	48#		900'		1289		0'
11"		8 5/8"		32#		4200'		1803		0'
7 7/8'	•	5 1/2"		17#		13,394' 1820 0'			0'	
			Casin	g/Cement P	rogram: A	Additional (Comments			
ached for	or C-10	2 Land	Plat, W.B	. Diagram, I	Directional	Planning R	Report, NM	OCD's C-144	(CLEZ) I	Pit Permit. There are
ii ieveis	01 1123	o ili tilis		_				nzeu m me u	immig oi i	ms wen.
Туре			V	Working Pressu	re		Test Pressu	re		Manufacturer
			5000			5000				Harman Ammanal
							Perm	it Expires	2 Years	W. H. Olivi La P. Hara
		ation giv	en above is ti	rue and comple	te to the		OIL C	pate Unites ONSERVA	TION DI	VISION
y that I	have com	plied wi dicable.		(A) NMAC [and/or	Approved B	V:			
	Section 32 Section 32 Section 32 Section 31 Section 32 Section 33 Section 34 Section 35 Section 36 Section 37	Section Townsh 226S Section Townsh 32 26S Section Townsh 32 36S Section Townsh 32 16S Section Townsh 32 16S Section Townsh 32 16S Type O iple 13, d water Hole Size 17 1/2" 11" 7 7/8" Ached for C-10 in levels of H25 Type iffy that the inform vieldge and belief. In the complete iffy that I have	Section Township 32 26S 32E BONE SPRING UPP Type O iple 13,394' Hole Size Cas 17 1/2" 13 3/8 11" 8 5/8" 7 7/8" 5 1/2" Ached for C-102 Land In levels of H2S in this Type ify that the information giveledge and belief. by that I have complied with the information giveledge and belief. by that I have complied with the information giveledge and belief. by that I have complied with the information giveledge and belief. by that I have complied with the information giveledge and belief. by that I have complied with the information giveledge and belief. by that I have complied with the information giveledge and belief. by that I have complied with the information giveledge and belief. by that I have complied with the information giveledge and belief.	CATION FOR PERMIT T 'Operator Name USA, Inc. Road Midland, TX 79705 Code PADUCA B Section Township Range 32 26S 32E Section Township Range 32 16S 32E Section Township Range 32 16S 32E BONE SPRING UPPER SHAL Type O Type O	RECEIVED RECEIVED RECEIVED RECEIVED RATION FOR PERMIT TO DRILL Operator Name and Address JSA, Inc. Road Midland, TX 79705 Rection Township Range Lot Idn 268 32E Proposet Paddition Rection Township Range Lot Idn 27. Section Township Range Lot Idn 28 268 32E Proposed Depth 13,394' Bone 13,394' Bone 14 water Distance from neares > 1 Mile Proposed Center of the Size Casing Size Casing Very Rection of Hole Size Casing Size Casing Very Rection of Hole Size Sin this area. Monitoring of Hole Size Size Size Size Size Size Size Siz	ACTION FOR PERMIT TO DRILL, RE-EN Operator Name and Address USA, Inc. Road Midland, TX 79705 Code PADUCA BREAKS 32 26 32 STA Papposed Bottor Section Township Range Lot Idn Feet for 400' Section Township Range Lot Idn Feet for 52 26S 32E Additional Well I Type On Range Ran	Santa Fe, NM 87505 60 Pax: (505) 476-3462 RECEVED Santa Fe, NM 87505 60 Pax: (505) 476-3462 RECEVED RECEVED Santa Fe, NM 87505 60 Pax: (505) 476-3462 RECEVED RECEVED RECEVED Santa Fe, NM 87505 60 Pax: (505) 476-3462 RECEVED RECEVED RECEVED RECEVED RECEVED RECEVED Santa Fe, NM 87505 60 Pax: (505) 476-3462 RECEVED REC	RECEIVED Santa Fe, NM 87505 60 Fact; (505) 476-3462 RECEIVED RECEIVED Santa Fe, NM 87505 RECEIVED RECEIVED Santa Fe, NM 87505 RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED. PROPERTY. Name and Address	RECEIVED Santa Fe, NM 87505 RECEIVED Santa Fe, NM 87505 RECEIVED Santa Fe, NM 87505 RECEIVED RECEIVED Santa Fe, NM 87505 RATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBAC Toperator Name and Address Road Midland, TX 79705 Rection Township Range Lot Idn Feet from N/S Line Feet From 182′ Proposed Bottom Hole Location Section Township Range Lot Idn Feet from N/S Line Feet From 182′ Proposed Bottom Hole Location Section Township Range Lot Idn Feet from N/S Line Feet From 182′ Proposed Bottom Hole Location Section Township Range Lot Idn Feet from N/S Line Feet From 182′ Proposed Bottom Hole Location Rection Township Range Lot Idn Feet from N/S Line Feet From 182′ Proposed Bottom Hole Location Rection Township Range Lot Idn Feet from N/S Line Feet From 182′ Proposed Bottom Hole Location Rection Township Range Lot Idn Feet from N/S Line Feet From 182′ Proposed Bottom Hole Location Rection Township Range Lot Idn Feet from N/S Line Feet From 182′ Proposed Bottom Hole Location Rection Township Range Lot Idn Feet from N/S Line Feet From 182′ Proposed Rection N/S Line Feet From 182′ Proposed Rection N/S Line Feet From 182′ Rection Township Range Lot Idn Feet from N/S Line Feet From 182′ Proposed Rection N/S Line Feet From 182′ Rection Township Range Lot Idn Feet from N/S Line Feet From 182′ Rection Township Range Rection N/S Line Feet From 182′ Rection Township Range Lot Idn Feet from N/S Line Feet From 182′ Rection Township Range Rection N/S Line Feet From 182′ Rection Township Range Rection N/S Line Feet From 182′ Rection Township Range Rection Re	RECEVED Santa Fe, NM 87505 RATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ACTION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ACTION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ACTION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ACTION FOR PARMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ACTION FOR PARMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ACTION FOR PARMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ACTION FOR PARMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ACTION FOR

Title:

Approved Date:

JAN 9 7 2013

Conditions of Approval Attached

Form C-102 District 1 State of New Mexico Phone: (575) 393-6161 Fax: (575) 393-0720 **HOBBS OCD** Revised August 1, 2011 Energy, Minerals & Natural Resources Department Submit one copy to appropriate 811 S. First St., Artesia, NN: 88210 OIL CONSERVATION DIVISION JAN 1 6 2013 Phone: (575) 748-1283 Fax: (575) 748-9720 District Office District III 1220 South St. Francis Dr. 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 AMENDED REPORT Santa Fe, NM 87505 RECEIVED 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462 WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Code API Number JENNINGS; BONE SPRING UPPER SHALE (97838)⁵ Property Name Well Number PADUCA BREAKS WEST 32 26 32 STATE 111 OGRID No. ⁸ Operator Name ⁹ Elevation 4323 3101 CHEVRON U.S.A. INC. Surface Location East/West line County Feet from the North/South line Feet from the UL or lot no. Section Township Range Lot Idn 400' **EAST** LEA 26S 32E, N.M.P.M. NORTH A 32 "Bottom Hole Location If Different From Surface Lot Idn Feet from the North/South line | Feet from the East/West line County UL or lot no Range Section Township 26S 32E, N.M.P.M. 400' NORTH 350' WEST LEA 12 Dedicated Acres 15 Order No. Joint or Infill Consolidation Code 160 No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the "OPERATOR CERTIFICATION **Project Area** 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 Producing Area S 89°31'42"W 4778.86' 350 owns a working interest or unleased mineral interest in the land including Proposed Penetration Point the proposed bottom hale location or has a right to drill this well at this 183 400' FNL & 330' FEL 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 heretofore enteregby the di 01/14/2013 Signature Bryan Arrant (Agent for Chevron) Printed Name PADUCA BREAKS WEST 32 26 32 bryan.arrant@chk.com PROPOSED BOTTOM HOLE STATE 1H LOCATION 699,816 NAD 27 E-mail Address NAD 27 695,038 Y= 366,121 366,082 LAT. 32.004942 32.004912 18 SURVEYOR CERTIFICATION LAT. LONG 103.688724 LONG 103.704140 741,004 NAD83 I hereby certify that the well location shown on this 736.225 NAD83 X= Υ= 366,178 plat was plotted from field notes of actual surveys 366,139 LAT. 32.005068 32.005037 LAT. LONG 103.689194 made by me or under my supervision, and that the 103.704610 ELEVATION +3101' NAVD 88 same is true and correct to the best of my belief. PED PROFESSIONAL



Drilling Engineer: Dan Melcher

Superintendent:

Daniel Gipson

Well Name:

Paduca Breaks West 32-26-32 State 1H Upper Avalon

Target: County, State:

Lea. NM

Surface Location:

400' FNL 182' FEL, Section 32, Township 26 S, Range 32 E

BH Location:

400' FNL 350' FWL, Section 32, Township 26 S, Range 32 E

SHL Latitude: SHL Longitude:

32.004942 -103.688724 32.004912

SHL North: SHL East: BHL North: BHL East:

Coordinates

Hole Size: 7 7/8"

Drilling Rig:

Trinidad 110

Directional:

Phoenix

Drilling Mud:

Nova

Sunbelt

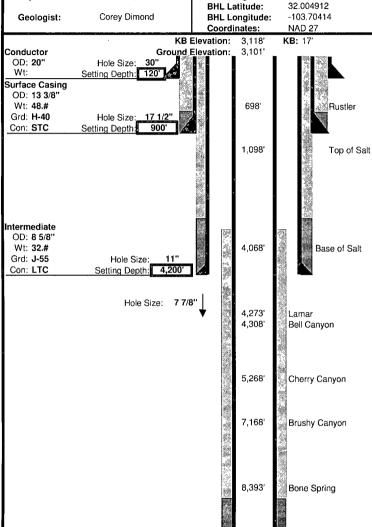
Cement:

Schlumberger

Wellhead:

Property Number: 0

0 AFE Number:



Hole Size: 7 7/8"

	monnoud Eq.	a.p							
A Section 13-3/8" x 13-5/8" 5K SOW									
B Section	13-5/8" 5K x 11"	5K							
C Section 11" 5K X 7-1/16" 10K w/10k gate valve									
D Section N/A									
Required BOP Stack 13-5/8" 5K- Double, Annular, Rot Head w/orbit va									
Mud									
Depth	Туре	Weight	F. Vis	FL					
0' - 900'	Spud Mud	8.4 - 8.7	32 - 34	NC - NC					
	1								

Wellhead Equipment

_	JUP !			. , p ~		9				
0' - 900'		Spi	ud Mud	8.4	8.4 - 8.7		34 N	C - NC		
900' - 4,200')' E	3rine	9.5 - 10.1		28 - 2	29 N	C - NC	
					Ļ					
4,200'	4,200' - 8,342'			Cut Brine	8.3	- 9.5	28 - 2	29 N	C - NC	
					<u>ļ </u>					
					<u> </u>		 	_		
8,342'		9,102	, .	Cut Brine 8.3 - 9.5		32 - 3	26 1	5 - 25		
9,102' - 13,394'			FW/Cut Brine		8.3 - 9.5			C - NC		
0,102 10,004			1 1 11/	out Brine	0.0	0.0	20 .	-5 1	0 110	
			+		 			\dashv		
Cement										
Slurry			Тор	Btm	Wt	Yld	%Exc	Bbl	Sx	
Surface										
		Lead	0'	800'	13.7	1.65	250	316	1076	
		Tail	800'	900'	14.8	1.33	250	50	213	

250 250 250	316 50	1076 213
250		
250		
	50	213
250		
250		1
	520	1467
250	82	336
\dashv		
		614
75	275	1206
	75 75	

Setting Depth: 13,394

Production Casing OD: 5 1/2" Wt: 17.#

Grd: P-110 Con: LTC

	Type	Logs	Interval	Vendor
L	OH	Triple Combo	Base of Curve to Int Csg	TBD
$I \cap I$	Mud Log	2 man mudlogging	Int Csg to EOC	Nomac
G				
s			L	
ף	LWD	MWD Gamma	Curve and Lateral	Phoenix

Directional Plan										
Target Li	ne:	8830' @ 0' VS w/91.2 deg inclination								
Target Windo	ow:	20' above, 20' below, 50' left, 50' right								
	MD INC AZM TVD VS DLS									
КОР	8,3	42'	0.00	0.00	8,342'	0'	0.00			
EOB	9,1	02'	91.20	269.53	8,820'	488'	12.00			
TD	13,394' 91.20 269.53 8,730' 4,778' 0.00						0.00			
Hardlines:	Lateral- 330' from parallel lease lines.									
	Vertical- Actual Lease Lines									
Notes: Please note SHL and BHL distance from lease lines										