Form 3160-4	
(August 2007)	÷

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DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANUSCIENCE

BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO 1004-0137 Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG 3 Lease series a Type of Well G18 Well Well Old Stepped Cempeter F Hindam, Alleter of Tike Name F Unit of CA patient Tike Name F Cooper 3d Unit Report Cooper 3d Unit Report F Cooper 3d Unit Report F Cooper 3d Unit Report Cooper 3d Un					BUR	EAU OF	LAND MA	NAG	EMENT	MA	Y 152	012			Expires J	luly 31	2010	
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Date of Operator Rescale Rescal										ff Resvr ,	RECEIVI	Ð						
Reseace Operating Company Cooper (Address 151: summer State, Sum State)]a. Plone: No <i>facilula area codo</i> [422] 560-6500 9. API Well No (30-256-6500) 39. API Well No (30-256-6500) 1980 FSL & 662' FEL. Sec. 24. T-24S, R-36E. Unit Letter I At surface same as above 10 Field and Peor of Exploratory area as above 10 Field and Peor of Exploratory (22282011) At top nod miterval reported below same as above 11 Sur, 1, 4, MM 12 County of Mail Surface At top nod miterval reported below 15 Date TD Rewhed [6 Date Completed O2/14/2012] 17 Elevations (CP, RLB, RT, GL* (22282011) 21. Type Elevation (MD) 5000 P Ping Back TD MD 500 Completed O2/14/2012 17 Elevations (CP, RLB, RT, GL* (23306) 21. Type Elevate One Mechanical Log Rin (shemit copy of each) 12 Wer well creaters 21 No Vic (shemit melyrow) 22. Type Elevate Cold (Right all atrings set in well) 12 State Completed Nice No. 22 Wer well creaters 21 No Vic (shemit melyrow) 32. Catang and Line Record No Melyrow all atrings set in well) 5000 12 State 12 State Creater (Right all atrings set in well) 33. Catang and Line Record Top Mol State No Melyrow all attrings code in decoder 12 State 12 State 12 State 36. Catany atop Code (Right all atrings set in well) </td <td colspan="7"></td> <td>FX888</td> <td colspan="4">(888</td> <td>Coc</td> <td>oper Ja</td> <td>l Unit- NN</td> <td>1 7092</td> <td>ne and No 26X</td> <td></td>								FX888	(888				Coc	oper Ja	l Unit- NN	1 7092	ne and No 26X	
Header. TX 7780 [452] S50-S50 300-200623 1 15201 of Well (Right location clearly and in accordance with Foderal requentment)* 10 Field and Pool of Exploratory 1 1820 FSL. 8 662 FEL. Sec. 24, T-24S, R-36E, Unit Letter I 13 Same as above 10 At top pool inserval reported below 10 Same as above 11 Sc. 7, R, M, M on Bicks and St. 74-X6, R-36E, Unit Letter I 4 Date point delow 15 Date TD Resched [16] Date Campleted 02/14/2012 12 County or Pranch 13 State 22/20201 12/2326201 [20/23/212 [16] Date Campleted 02/14/2012 12 East 17.776 17 10 17 Eitenic & Other Mechanical Legs remotion 10 17 10 <td>2. Name of Resaca</td> <td>f Operator Operating</td> <td>Comp</td> <td>any</td> <td></td>	2. Name of Resaca	f Operator Operating	Comp	any														
1 Location of Well <i>Responses have and accordance with Federal regumentary</i> 1980 FSL 8 662' FEL, Sec. 24, T-24S, R-36E, Unit Letter I 1980 FSL 8 662' FEL, Sec. 24, T-24S, R-36E, Unit Letter I Sarre as above At top root interval reported below At top root interval reported below At top and interval report and interval report report At top and interval report and interval report report At the advector of the advector	3 Address				0						ude area coa	e)	9. A	PI Wel	No			
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At top prod unterval reported below I2. County or Panch I3. State At top prod unterval reported below IA. top spadded pph. same as above ID. Each ID.	At surfa		FSL &	662' FE	·	•	S, R-36E, Unil	Lette	rl				11	Sec . T	R, M, on	Block	and	<u>}-G</u>
ADder Spratied [15] Due TD Reached [16] Due Completed Q2/14/2012 [17] Elevations: (DF, RKB, RT, GL)* Bit Total Depth MD 3600 [19] Plug Back TD MD 3600 18< Total Depth	At top pr		•		same	as above									or Parısh			,
12/22/2011 [0/203/2012]		<i>i</i> cpin	ie as a		5 Data	TD Basel			IC Data Carr									
TVD	12/29/20	11		($\frac{5}{2}/03/2$	2012				<u> </u>	eady to Prod		GL		ins (DF, R	KB, K	, GL)*	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22 Wat well corrol? 21. No Ver (Submit copy) 23. Casing and Liner Record (Report all strings set in well) Top (MD) Bottom (MD) Stage Cementer No of Ske & Starvey? No Wit (With) Coment Top* 11* 8.5/8* 29.75# 0* 3022 125 Sx Surface circulated cmit to su 7/8* 5.1/2* 14# 0* 3003* 400 sx ToC @ 995* calculated cmit to su 7/8* 5.1/2* 14# 0* 2057* 100 sx r Circulated cmit to su 5* 4.1/2* 14# 0* 2957* 100 sx r Circulated cmit to su 5* 4.1/2* 14# 0* 2957* 100 sx r Circulated cmit to su 5* 4.1/2* 14# 0* 2957* 100 sx r Circulated cmit to su 5* 4.1/2* 14# 0* 3003* 3287* Open hole 3003* 322* 2.38* 29.32* 29.32* 29.32* Depth hole 303*-3227* Open Open <t< td=""><td>8 Total D</td><td></td><td></td><td>00'</td><td></td><td>19 PI</td><td>ug Back T D</td><td></td><td>3600'</td><td>ĺ</td><td>20 Depth B</td><td>ridge Plug</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	8 Total D			00'		19 PI	ug Back T D		3600'	ĺ	20 Depth B	ridge Plug						
23 Caser Grade (Wr (Wh) Top (MD) Bottom (MD) Stage Cementer Depth No of Sks & Type of Cement Starry Vol (BBL) Cement Top* Amount Pulled 110 8.598* 29.758* 0 302* 125 sx TOC @ 895* Calculated cmt to su 7/18* 5.1/2* 14# 0* 302* 400 sx TOC @ 995* Calculated cmt to su 5* 4.1/2* 14# 0* 2957* 100 sx - TOC @ suf. orculated cmt to su 5* 4.1/2* 14# 0* 2957* 100 sx - TOC @ suf. orculated cmt to su 4 128 2939* 293* 100 sx - TOC @ suf. orculated cmt to su 2/8* 2939* 2932* 2 100 sx - Top Performation Record Formation Top Bottom Performation Record - Perf Status Open	21. Type E			chanical I	.ogs Rui	n (Submit co	py of each)				Was DS	T run?	א [] א ע [] א	lo 🗖 lo 🗖	Yes (Subn	nit repo	rt)	
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7 /78" 5 1/2" 14# 0' 3003' 400 sx TOC @ 895' calculated cmt // su 5" 4 1/2" 14# 0' 2957' 100 sx	Hole Size	Sıze/G	rade	Wt (#/f	t)	Top (MD)	Bottom (M	D)						Cen	ent Top*		Amount Pu	lled
5" 4 1/2" 14# 0" 2957" 100 sx TOC @ surf. circulated orm to su 4 1ubing Record										i — —								
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5 Producing Intervals 26 Perforation Record Formation Top Bottom Perforated Interval Size No Holes Perf Status 0) Yates (Injection) 3003' 3227' Open Hole 3003'-3227' Open Open 0) 7 Rivers (Injection) 3228' 3589' Open Hole 3228'-3589' Open Open 0) Queen (Injection) 3590' 3600' Open Hole 3560'-3600' Open Open 7 Acid, Fracture, Treatment, Cement Squeeze, etc Amount and Type of Material Open Open 0H 3003'-3600' Acidized OH w/ 18,000 Gals 15% Star Acid (90% Acid, 10% Xytene), 20,000# coarse rock salt Open Hole 3560'-3600' Open Hole 3560'-3600' 2H 3003'-3600' Acidized OH w/ 18,000 Gals 15% Star Acid (90% Acid, 10% Xytene), 20,000# coarse rock salt Open Hole 3560'-3600' Open Hole 3560'-3600' 8 Production - Interval A MCF BBL Corr AP1 Gravity Gas 8 Production - Interval A MCF BBL Ratio Well Status NACFIFIED FURTHERED NACFIFIED FURTHERED 8a Production - Interval B Filey Press Cas Open	Size	· · · · · · · · · · · · · · · · · · ·	Set (M	D) Pa	icker De	pth (MD)	Size	I	Depth Set (MD)	Packer I	Depth (MD)	Size	e	Dep	th Set (MD))	Packer Dept	h (MD
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D) 17 Acid, Fracture, Treatment, Cement Squezze, etc Amount and Type of Material DH 3003'-3600' Acidized OH w/ 18,000 Gals 15% Star Acid (90% Acid, 10% Xylene), 20,000# coarse rock salt DH 3003'-3600' Acidized OH w/ 18,000 Gals 15% Star Acid (90% Acid, 10% Xylene), 20,000# coarse rock salt S Production - Interval A Date First Test Date Production - Interval A Oil BBL MCF BBL Corr API Gravity Gas Production - Interval B MCF Si Press Si Production - Interval B BBL MCF BBL Ratio Water Oil Gas Water Oil Gravity Gravity Gas Production - Interval B MCF BBL MCF BBL Corr API Gravity Gas Value First Test Date Hours Test Production - Interval B MCF BBL MCF BBL Corr API Gravity Gas	/ / / ////																	
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Ize Flwg SI Press Rate BBL MCF BBL Ratio 8a Production - Interval B Pate First roduced Test Date Hours Tested Test Oil Gas Water Oil Gravity Corr API Gas Production Method Gravity hoke Tbg Press Csg. 24 Hr Oil Gas Water Gas/Oil BBL Water Gas/Oil Ratio Well Status																		
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*(See instructions and spaces for additional data on page 2) ZG SSUBJECT FOLTRE See ATTAched for ACCEPTAnce APPROVAL BY STATE WFX-888 APPROVAL BY STATE MAY 2.1 2012	onar	1011-	- 1		r	-									М	AY 1	2 1 2012	1

MAY 2.1 2012

Date First	Test Date	Hours	Test	Oıl	Gas	Water	Oil Gravity	Gas	Production Method	
Produced		Tested	Production	BBL	MCF	BBL	Corr API	Gravity	N/A	
Choke Sıze	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oıl Ratio	Well Status		
	uction - Inte	1						Gas	Production Method	
Produced	Test Date	Hours Tested	Test Production	Oıl BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gravity	N/A	
Choke Sıze	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oıl BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		

31 Formation (Log) Markers

29 Disposition of Gas (Solid, used for fuel, vented, etc.)

N/A

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30 Summary of Porous Zones (Include Aquifers)

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

		_			Тор
Formation	Тор	Bottom	Descriptions, Contents, etc	Name	Meas Depth
Alluvium	0'	139'	Sand, Caliche		0'
Ogalalla	140'	1146'	Red Beds		140'
Rustler	1147'	1247'	Anhydrite		1147'
Salado	1248'	2912'	Salt		1248'
Tansıll	2913'	3002'	Anhydrite, Dolomite		2913'
Yates	3003'	3227'	Sandstone, Dolomite		3003'
7 Rivers Queen	3228' 3590'	3590'	Sandstone, Dolomite Sandstone, Dolomite		3228' 3590'

32 Additional remarks (include plugging procedure)

Electrical/Mechanical Logs (1 full set req'd)	Geologic Report	DST Report	Directional Survey
Sundry Notice for plugging and cement verification	Core Analysis	Other	
4 I hereby certify that the foregoing and attached informati	ion is complete and correct as de	termined from all availa	ble records (see attached instructions)*
Name (please print) Melanie Reyes	Title	Engineer Assistant	
Signature MCF	Date	03/09/2012	

(Continued on page 3)

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<u>Conditions of Acceptance</u> Cooper Jal Unit 213 30-025-09623 Resaca Operating Company May 11, 2012

COMPLETION OPERATIONS REQUIREMENTS

- 1. Note to Operator: **Operator did not follow approved Condition Of Approval to Re-Enter this well.**
 - a. The required witness of the conducted mechanical integrity test by the BLM was not done.
 - b. A required NOI sundry to repair casing was not submitted to the BLM to get prior approval
 - c. An unapproved substandard liner was run and cemented to repair production casing Per Onshore Oil and Gas Order #2(b) Casing collars shall have a minimum clearance of 0.422 inches on all sides in the hole/casing annulus

2. Operator to comply to Written Order to be submitted under separate letterhead

- 3. Compliance with a NMOCD Administrative Order is required, submit documentation of that authorization.
 - a. Approved injection pressure compliance is required.
 - b. If injection pressure exceeds the approved pressure you are required to reduce that pressure and notify the BLM within 24 hours.
 - c. When injection pressure is within 50 psig of the maximum pressure, install automation equipment that will prevent exceeding that maximum and submit a subsequent report.

4. <u>The casing/tubing annulus is required to be monitored for communication with</u> <u>injection fluid or loss of casing integrity</u>.

5. The annulus is to be maintained full of packer fluid. A BLM inspector may request verification of this fluid level at any time.

EGF 05112012