

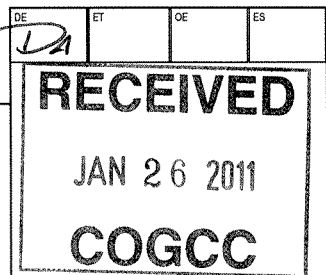


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Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303)894-2100 Fax: (303)894-2109



SUNDRY NOTICE

Submit original plus one copy. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full on Technical Information Page (Page 2 of this form.) Identify well or other facility by API Number or by OGCC Facility ID. Operator shall send an informational copy of all sundry notices for wells located in High Density Areas to the Local Government Designee (Rule 603b.)

Complete the Attachment
Checklist

OP OGCC

1. OGCC Operator Number: 16700	4. Contact Name Diane L Peterson	Survey Plat		
2. Name of Operator: Chevron Production	Phone: 970-675-3842			
3. Address: 100 Chevron Road	Fax: 970-675-3800	Directional Survey		
City: Rangely State: CO Zip 81648		Surface Eqpm Diagram		
5. API Number 05-103-06283 08293	OGCC Facility ID Number 47443	Technical Info Page	X	
6. Well/Facility Name: L.N. HAGOOD A	7. Well/Facility Number 15X	Other		
8. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWNE Section 23, T2N, R103W, 6TH P.M.	10. Field Name: Rangely Weber Sands			
9. County: Rio Blanco	11. Federal, Indian or State Lease Number: Fed. L.N. Hagood D-033586			

General Notice

☐ **CHANGE OF LOCATION:** Attach New Survey Plat (a change of surface qtr/qtr is substantive and requires a new permit)

Change of Surface Footage from Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Surface Footage to Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Bottomhole Footage from Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Bottomhole Footage to Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer _____

Latitude _____ Distance to nearest property line _____ Distance to nearest bldg, public rd, utility or RR _____

Longitude _____ Distance to nearest lease line _____ Is location in a High Density Area (rule 603b)? Yes/No ☐

Ground Elevation _____ Distance to nearest well same formation _____ Surface owner consultation date: _____

GPS DATA:

Date of Measurement _____ PDOP Reading _____ Instrument Operator's Name _____

<input type="checkbox"/> CHANGE SPACING UNIT	<input type="checkbox"/> Remove from surface bond
Formation _____ Spacing order number _____ Unit Acreage _____ Unit configuration _____	Signed surface use agreement attached _____

<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling):	<input type="checkbox"/> CHANGE WELL NAME	NUMBER
Effective Date: _____	From: _____	
Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual	To: _____	
	Effective Date: _____	

<input type="checkbox"/> ABANDONED LOCATION:	<input type="checkbox"/> NOTICE OF CONTINUED SHUT IN STATUS
Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No	Date well shut in or temporarily abandoned: _____
Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No	Has Production Equipment been removed from site? <input type="checkbox"/> Yes <input type="checkbox"/> No
Date Ready for Inspection: _____	MIT required if shut in longer than two years. Date of last MIT _____

<input type="checkbox"/> SPUD DATE: _____	<input type="checkbox"/> REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)
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<input type="checkbox"/> SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK	*submit cbl and cement job summaries
Method used _____ Cementing tool setting/perf depth _____ Cement volume _____ Cement top _____ Cement bottom _____ Date _____	

<input type="checkbox"/> RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004.
Final reclamation will commence on approximately _____ <input type="checkbox"/> Final reclamation is completed and site is ready for inspection.

Technical Engineering/Environmental Notice

<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Report of Work Done
Approximate Start Date: 2/1/11	Date Work Completed: _____

Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)

<input type="checkbox"/> Intent to Recomplete (submit form 2)	<input type="checkbox"/> Request to Vent or Flare	<input type="checkbox"/> E&P Waste Disposal
<input type="checkbox"/> Change Drilling Plans	<input checked="" type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested	<input type="checkbox"/> Status Update/Change of Remediation Plans
<input type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other: CASING REPAIR	for Spills and Releases

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: Diane L Peterson Date: 1/24/2011 Email: dipe@chevron.com
Print Name: DIANE L PETERSON Title: REGULATORY SPECIALIST

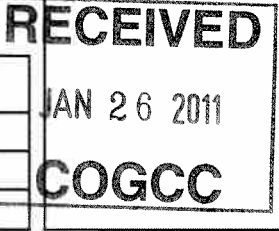
COGCC Approved: David And Title PE II Date: 1/28/2011

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY



1. OGCC Operator Number: 16700 API Number: 05-103-08293
2. Name of Operator: Chevron USA Inc OGCC Facility ID # 47443
3. Well/Facility Name: LN HAGOOD A Well/Facility Number: 15X
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWNE Section 23, T2N, R103W, 6TH P.M.

This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

5. DESCRIBE PROPOSED OR COMPLETED OPERATIONS

PU & RIH w/ flat bottom mill and dress off 7" casing top, POOH.
PU & RIH w/ 6 1/8" string mill to guage 7" casing stub.
PU & RIH w/ 7" Casing patch & 7" casing.
Secure patch and land on Casing hanger. (do we need to top off w/ cement?)
Test casing patch, 750 psi for 15 min, max loss 10%.
PU & RIH w/ Retrieving Head and WS to recover RBP @ 5843', POOH.
RIH w/ Retrieving Head & recover 7: RBP @ 4315', POOH.
PU & RIH w/ TK2 re-run, POOH.
PU & RIH w/ P12 ESP & re-run TK2 tubing.
ND rig floor and BOP and NU WH.
RD & move Workover Rig

IF YOU HAVE ANY QUESTIONS CONCERNING THIS WELL PLEASE CONTACT CHEVRON ENGINEER ROY CRAMER @ 970-675-3719.

Andrews, David

From: Cramer, Roy W. (RoyCramer) [RoyCramer@chevron.com]
Sent: Friday, January 28, 2011 12:36 PM
To: Andrews, David
Cc: Peterson, Diane L. (DLPE); Roedell, Jeff W. (JRoedell); Knauss, Martin E.; Pickett, Jeffery; KAVANDER, CHAD ALLEN
Subject: LN Hagood A15X - Csg Patch & RTP
Attachments: COGCC - LN Hagood A15X, Lnr.xlsx

David;

Please find attached the current well bore diagram for the LN Hagood A15X:

This is a brief description of the work so far:

1. MIRU & spot equipment.
 2. POOH tbg collars hanging up, LD ESP & bottom 6 jnts w/ asphaltenes.
 3. RIH w/ 6-1/8" string mill to 5869', POOH.
 4. RIH w/ 7" RBP to 5843', bumped at 63'.
 5. RIH w/ Weatherford caliper from 5843' to surface, identified a hole near surface, egged at ~ 63' and DV tool at 4430', POOH.
 6. RIH w/ 2nd 7" RBP to 4315', POOH. Reviewed CBL 09/83 & Cut 7" casing at 305'.
 7. Casing part 3" below slips, RIH w/ spear, can't pull out at 50,000 #.
 8. Installed 11" 5K BOPs , RIH w/ spear & jacked to 150,000#, no movement.
 9. Cut 7" casing at 190', jacked to 176,000#, no movement.
 10. Calculated Free point at 85', RIH w/ Spear, Cup packer element and pumped 400 psi, will not circulate through 190' cut and up 9-5/8" casing.
 11. RIH w/ Spear, bumper sub, jars, 2 DCs, Intensifier & 2-7/8" P110 tbg. (attempt to recover 7" casing x 200') – no movement.
 12. Will be running another CBL to check for loose 7", I will forward a digital copy to you. (We do not have a digital or duplicate of the CBL from 09/83)
- We plan to recover 7" casing to the cut at 305', dress off the top and repair with a casing patch and return the well to production w/ an ESP.
 - If this fails, we would install a 5 1/2" liner and return to production w/ an ESP.

Roy Cramer

*Chevron North America Exploration and Production (CNAEP)
MidContinent / Alaska Business Unit
Production Engineer, Rangely Weber Sand Unit
Rangely, CO. 81648
970-675-3719*

Rangely Weber Sand Unit

HAGOOD L.N. A 15X
Current Wellbore

01/18/11

Well Details:	
STATE & CO	CO - Rio Blanco
TWNS & RNG	T2N & R103W
SECTION	(NWNE) 23
API	05-103-0829300
CHEVNO	DR8073

Casing Details:	
Type	Depth
KB	5416
GL	0
16 in. #/ft, UNKNOWN	0 - 48,' sxs cmt
9.625 in. 36 #/ft, K-55	0 - 2891,' 1058 sxs cmt
7 in. 23 #/ft, K-55	0 - 5297,' sxs cmt
7 in. 26 #/ft, K-55	5297 - 6705,' 350 sxs cmt
Perfs, Top	6164
Perfs, Btm	6618
PBTD	6680
TD	6706

Formation	Depth
Niobrara	
Frontier	3178
Frontier Snd	3259
Mowry	3450
Dakota	3533
Morrison	3630
Curtis	4331
Entrada	4429
Carmel	0
Navajo	4630
Chinle	5270
Shinarump	5388
Moenkopi	5468
Weber	6149

COGCC Regulations: Set Isolation Packer
within 300' of perfs or 100' above liner

GOC_CALC	5796	FT
Weber 1a	6149	168
Weber 2	6317	
Weber 3a	6320	100
Weber 4	6420	
Weber 5a	6432	139
Weber 6	6571	
Weber 7a	6582	98
Weber 8	0	
Weber 9a	0	0
Weber 10	0	
Weber 11a	0	0
		505
OWC_CALC	6566	

KB 5416
GL 0
16 in. #/ft, UNKNOWN
0 - 48,' sxs cmt

9.625 in. 36 #/ft, K-55
0 - 2891,' 1058 sxs cmt

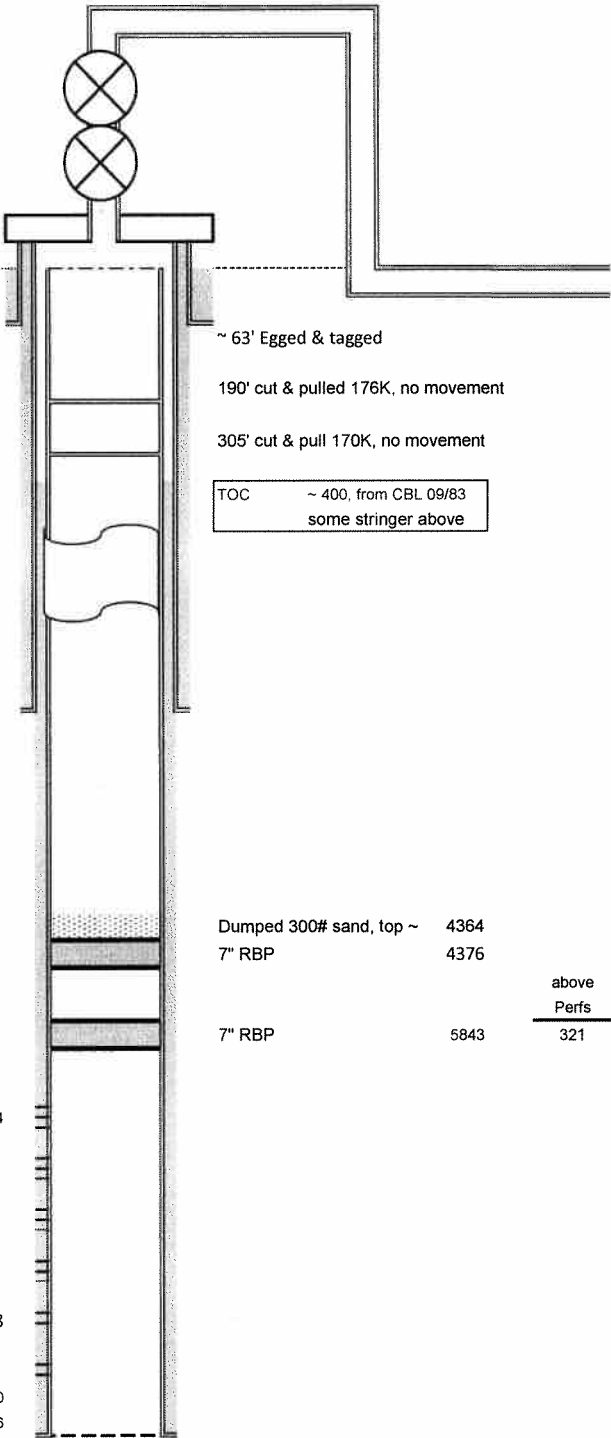
7 in. 23 #/ft, K-55
0 - 5297,' sxs cmt

7 in. 26 #/ft, K-55
5297 - 6705,' 350 sxs cmt

Perfs, Top 6164

Perfs, Btm 6618

PBTD 6680
TD 6706



~ 63' Egged & tagged
190' cut & pulled 176K, no movement
305' cut & pull 170K, no movement
TOC ~ 400, from CBL 09/83
some stringer above

Dumped 300# sand, top ~ 4364
7" RBP 4376
7" RBP 5843
above Perfs 321

Notes:

- 06/02/08, Test 7" Csg from Surface to 5231 @ 750 psi / 15 min, lost 20 psi.
- May encounter NORM
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