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Commission

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



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SUNDRY NOTICE

RECEIVED MAY 21 2012 COGCC

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
2. Name of Operator: Chevron Production
3. Address: 100 Chevron Road City: Rangely State: CO Zip 81648
5. API Number: 05-103-07461 OGCC Facility ID Number: 47443
6. Well/Facility Name: S.W. McLAUGHLIN 7. Well/Facility Number: 7X
8. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWSW Section 33, T2N, R102W, 6TH P.M.
9. County: Rio Blanco 10. Field Name: Rangely Weber Sands
11. Federal, Indian or State Lease Number: FEE

Table with 2 columns: Attachment Name, Status. Includes Survey Plat, Directional Survey, Surface Eqmpt Diagram, Technical Info Page, Other.

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:
Change of Surface Footage to Exterior Section Lines:
Change of Bottomhole Footage from Exterior Section Lines:
Change of Bottomhole Footage to Exterior Section Lines:
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

CHANGE SPACING UNIT Formation Formation Code Spacing order number Unit Acreage Unit configuration
Remove from surface bond Signed surface use agreement attached

CHANGE OF OPERATOR (prior to drilling): Effective Date: Plugging Bond: Blanket Individual
CHANGE WELL NAME NUMBER From: To: Effective Date:

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

SPUD DATE: REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)

SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK Method used Cementing tool setting/perf depth Cement volume Cement top Cement bottom Date

RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004. Final reclamation will commence on approximately Final reclamation is completed and site is ready for inspection.

Technical Engineering/Environmental Notice

Notice of Intent Approximate Start Date: 6/15/2012 Report of Work Done Date Work Completed:

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

Intent to Recomplete (submit form 2) Request to Vent or Flare E&P Waste Disposal
Change Drilling Plans Repair Well Beneficial Reuse of E&P Waste
Gross Interval Changed? Rule 502 variance requested Status Update/Change of Remediation Plans
Casing/Cementing Program Change Other: LINER 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: 5/17/2012 Email: dlpe@chevron.com
Print Name: DIANE L PETERSON Title: REGULATORY SPECIALIST

COGCC Approved: David Anderson Title PE II Date: 6/5/2012

CONDITIONS OF APPROVAL, IF ANY:

Submit Form 5 (Drilling Completion Report) showing new 5-1/2" liner configuration and all 7" casing cement squeezes (historic and new), and attach new squeeze and liner cement tickets, new 7" casing USIT log (Step 4 of procedure), and new 5-1/2" casing CBL (Step 23 of procedure) within 30 days after the work is complete.

FORM  
4  
Rev 12/05

## TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

**RECEIVED**  
MAY 21 2012  
**COGCC**

1. OGCC Operator Number: 16700 API Number: 05-103-07461  
 2. Name of Operator: Chevron USA Inc OGCC Facility ID # 47443  
 3. Well/Facility Name: S.W. McLAUGHLIN Well/Facility Number: 7X  
 4. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWSW Section 33, T2N, R102W, 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

- 1** **Notify COGCC Field Inspector of intent to investigate casing repair, install a liner and pending fracture stimulation.**
- 2** MI & RU Workover Rig. RD WH and NU BOP(7-1/16" 5K Class II modified), test BOP and circulating manifold.  
 ➤ **Caliper elevators and tubular EACH DAY prior to handling tubing/drill pipe/casing/tools and at any time elevators are changed. Note in JSA when and what items are callipered within the task step that includes that work.**
- 3** POOH & LD Plastic Lined TBG & 7" PS1 PKR.
- 4** MIRU SLB, run an Ultra Sonic Imaging Tool (USIT) from 4480' to surface. RD WL. Bring in USIT Log & Consult w/ Area PE, Roy Cramer on Next steps.
- 5** PU & RIH w/ work string, 7" RBP & PKR to find casing leak and determine pump-in or leak-off rate. Set RBP & Dump 25 sxs sand.
- 6** Pump Cement squeeze to Repair casing as needed.
- 7** Drillout & test for leak off.  
**Notify COGCC Field Inspector and perform MIT test. (Casing - 300 psig for 15 min)**
- 8** PU & RIH w/ retrieving head & WS. POOH & LD 7" RBP (Well View indicated: 7" LocSet PKR w/ splitter valve).
- 9** PU & RIH w/ clean out assembly (bit & string mill) & workstring. C/O to top Perf at 5504', POOH.
- 10** PU & RIH w/ RBP & Pkr to find a good packer seat at 5490'. POOH. Also refer to the USIT log to verify the packer
- 11** PU & RIH w/ CBP to 5490' (top perf @ 5504') & set in at selected PKR SEAT, Dump 5 sxs sand.
- 15** MI & Prep 5-1/2" 17 #/ft L80 liner.
- 16** ND 11" x 2K Tbg head & NU 11" #K double drilled spool for 5-1/2" spool.  
 CASING SPOOL ASSY, FC-22, BG, 11 3000 PSI X 11, 3000 PSI, WITH TWO 2 1/16 5M STUDDERED OUTLETS, CASING HGR, VGC-A, 11 X 5-1/2, LA
- 17** NU BOPS & Change rams for 5-1/2" casing & String the blocks on 6 lines.
- 18** MIRU Frank's Casing equipment, PU & RIH w/ Liner: 5-1/2" Cement Shoe, 1 joint 5-1/2" 17 #/ft L80 casing, Float collar & 5400' of 5-1/2" 17 #/ft L80 casing & land @ 5450' >> Fill the casing to prevent collapse <<
- 19** MIRU and Cement liner to surface (estimate 150-270 sxs cement), WOC.
- 20** ND BOPS, GE Oil & Gas to set slips and cut casing,
- 21** NU BOPS, change out rams to 2-7/8", PU 4-3/4" bit, DCs & WS & WOC.
- 22** PU & RIH w/ BHA (4-3/4" bit, 4-3-1/2" DCS & WS) to drillout float collar, casing shoe & CO to PBTD @ 6227', POOH.  
 Notify COGCC Field Inspector and perform MIT test. (Casing - 300 psig for 15 min)
- 23** MIRU Wireline & run CBL from 5-1/2" csg shoe @ 5450' to surface, Identify TOC & note in wellview, RDMO.
- 24** PU & RIH w/ PKR to 5400' & Test Casing, POOH
- 25** MIRU Wireline to re-perforate as directed by PE, POOH.
- 26** **Prior notification of pending fracture stimulation, required by COGCC.**  
 MIRU Stinger & Frac crew and FRAC thru new 5-1/2" liner as directed by PE.  
 Note: Internal Yield Pressure for 5-1/2" L80 = 7740 psi, 80% is 6200 psi.
- 27** PU & RIH w/ BHA to cleanout frac sand to PBTD @ 6227', POOH & LD WS.
- 28** PU & RIH w/ Mud Anchor, TAC, PSN & DYB IPC or DYB Bare tubing. (set TAC @ 5400', 50' above 5-1/2" shoe). Contact PE & ALCR for details.
- 29** ND rig floor and BOP and NU WH. RD & move Workover Rig. >Turn over to ALCR
- 30** MIRU Pro Rod Unit
- 31** PU & RIH w/ insert pump & Pro rod string per ALCR design.
- 32** Mount horses head, space out & Hang off on bridle.
- 33** RD MO & turn over to production

**Rangely Weber Sand Unit**

Well Details:	
STATE & CO	CO - Rio Blanco
TWNS & RNG	T2N & R102W
SECTION	(NWSW) 33
API	05-103-0746100
CHEVNO	DG5288

Casing Details:	
Type	Depth
KB	5226
GL	5214
16 in. 55 #/ft, UNKNOWN	0 - 40,' 4 YDS sxs cmt
10.75 in. 40.5 #/ft, K-55	0 - 772,' 525 sxs cmt
7 in. 23 #/ft, K-55	0 - 5465,' sxs cmt
7 in. 23 #/ft, N-80	5465 - 6323,' 800 sxs cmt
Perfs, Top	5504
Perfs, Btm	6185
PBTD	6227
TD	6327

Formation	Depth
Niobrara	1742
Frontier	2635
Frontier Snd	2720
Mowry	2904
Dakota	3002
Morrison	3077
Curtis	3739
Entrada	3841
Carmel	3990
Navajo	4050
Chinle	4640
Shinarump	4772
Moenkopi	4845
Weber	5490

GOC_CALC	5557		
		FT	PAY
Weber 1a	5490	151	62
Weber 2	5641		
Weber 3a	5654	86	49
Weber 4	5740		
Weber 5a	5788	95	74
Weber 6	5883		
Weber 7a	5891	109	52
Weber 8	6000		
Weber 9a	6035	91	25
Weber 10	6126		
Weber 11a	6132	0	0
		532	262
OWC_CALC	6327		

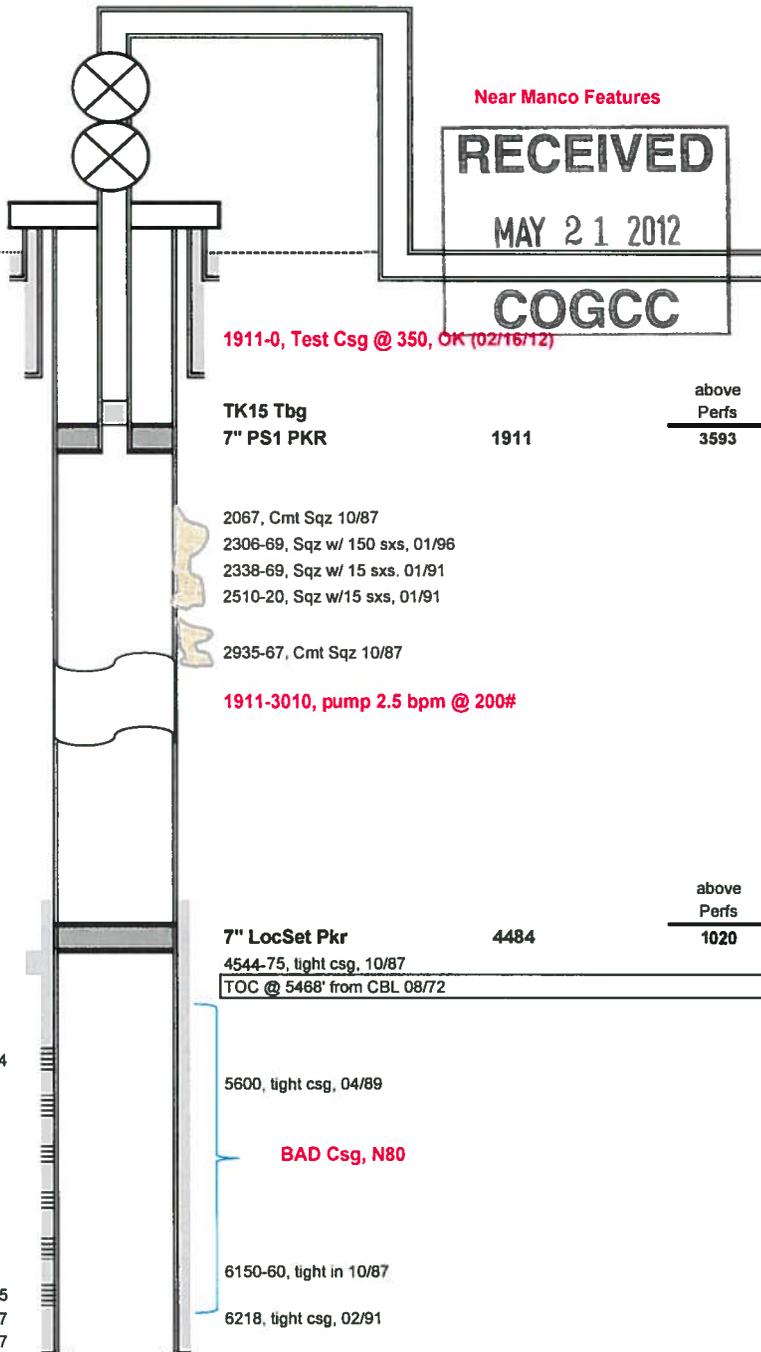
KB 5226  
GL 5214  
16 in. 55 #/ft, UNKNOWN  
0 - 40,' 4 YDS sxs cmt  
10.75 in. 40.5 #/ft, K-55  
0 - 772,' 525 sxs cmt

7 in. 23 #/ft, K-55  
0 - 5465,' sxs cmt

7 in. 23 #/ft, N-80  
5465 - 6323,' 800 sxs cmt

Perfs, Top 5504

Perfs, Btm 6185  
PBTD 6227  
TD 6327



Near Manco Features

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COGCC

1911-0, Test Csg @ 350, OK (02/16/12)

TK15 Tbg  
7" PS1 PKR  
1911  
above Perfs 3593

2067, Cmt Sqz 10/87  
2306-69, Sqz w/ 150 sxs, 01/96  
2338-69, Sqz w/ 15 sxs, 01/91  
2510-20, Sqz w/15 sxs, 01/91

2935-67, Cmt Sqz 10/87

1911-3010, pump 2.5 bpm @ 200#

7" LocSet Pkr 4484  
above Perfs 1020

4544-75, tight csg, 10/87  
TOC @ 5468' from CBL 08/72

5600, tight csg, 04/89

BAD Csg, N80

6150-60, tight in 10/87

6218, tight csg, 02/91

Notes:

- 1- Many cement squeezes from 2300-2967 & tight casing from 5600, down.
- 2- 01/96: CO to PB, failed FRAC & Re-perforated 05/96: Last Wellwork, FRAC Z1 only?
- 3-

30' of penetration

Top	Btm	spf	FT	Zone	Perfs	FT	% HCPV	HCPV
5504	5510	4	6	1	24		23%	389,367
5525	5525	4	1	1	4			
5528	5534	4	6	1	24			
5600	5600	3	1	1	3			
5602	5602	4	1	1	4			
5613	5615	3	2	1	6			
5628	5628	4	1	1	4	124		
5660	5671	4	11	3	44		19%	317,028
5679	5679	4	1	3	4			
5716	5734	4	18	3	72	74		
5802	5813	4	11	5	44		27%	481,075
5824	5826	3	2	5	6			
5830	5832	4	2	5	8			
5840	5845	4	5	5	20			
5860	5878	4	18	5	72	76		
5912	5914	3	2	7	6		16%	267,551
5923	5923	4	1	7	4			
5935	5935	4	1	7	4			
5952	5952	4	1	7	4			
5960	5965	4	5	7	20			
5987	5987	4	1	7	4	75		
6039	6041	3	2	9	6		10%	168,553
6067	6069	3	2	9	6			
6096	6096	4	1	9	4			
6097	6097	3	1	9	3	58		
6184	6185	3	1	11	3	1	5%	84,526

99% 1,706,650