



02055230

Andrews, David

From: Andrews, David
Sent: Monday, August 08, 2011 11:04 AM
To: 'Cook, Rick [Centaur Consulting]'; Longworth, Mike
Cc: JPickett@chevron.com; 'Peterson, Diane L. (DLPE)'
Subject: RE: Walbridge L.B. 4X procedure and wellbore schematic. API 05-103-08736-00

Rick & Jeff: The wellbore diagram shows TOC @ 1180', per 01/1982 CBL. Provided that Chevron has a copy of the CBL to confirm the TOC, this change is acceptable.

Diane: Please mail a copy of the 01/1982 CBL to my attention at COGCC's Rifle office. Currently, we don't have a copy in our well file.

Thanks,

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Engineering Supervisor - Western Colorado

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CC: COGCC Well File, API No. 103-08736

From: Cook, Rick [Centaur Consulting] [<mailto:RJJSY@chevron.com>]
Sent: Thursday, August 04, 2011 8:36 AM
To: Longworth, Mike; Andrews, David
Cc: JPickett@chevron.com
Subject: FW: Walbridge L.B. 4X procedure and wellbore schematic. API 05-103-08736-00

Roy Cramer asked that I contact you regarding approval for a change in the subject P&A procedure. Since the well has a bond log showing TOC at 1180', it is requested not to perforate the 7" but still set 100' plug from 3077'-2977'. The rig is moving on this location Fri Aug 5 and will start operations Mon Aug 8. Jeff Pickett will be Chevron rep. on Monday. 970-749-0571.

Rick Cook
517-896-0718
Rangely Weber Sand Unit

From: Peterson, Diane L. (DLPE)
Sent: Thursday, August 04, 2011 9:13 AM
To: Cook, Rick [Centaur Consulting]
Subject: Walbridge procedure and wellbore schematic

FIELD NAME: Rangely Weber Sand Unit
WELL NAME: **WALBRIDGE L.B. 4X**
JOB SCOPE: Plug and Abandon

08/03/11

Note: Conductor: 16 in. ? #/ft, ? 0 - 30', ? sxs cmt
Surface: 9.625 in. 36 #/ft, K-55 0 - 3027', 775 sxs cmt
Production: 7 in. 23 #/ft, K-55 0 - 5288', sxs cmt
Production: 7 in. 26 #/ft, K-55 5288 - 6456', 870 sxs cmt
Perf Top 5915
Perf Btm 6338
PBDT: 6413
TD: 6458

Step	Procedure
01)	Prep location. Notify BLM & COGCC Field Representative of intent to Plug and Abandon well 10 days prior to operation.
0.5	02) MIRU workover rig and aux equipment - ND WH & NU 7 1/16" 5K Class II modified BOPs & Test.
0.5	03) POOH & LD equipment (7" Loc Set Packer & Bare tbg).
1.0	04) PU & RIH w/ BHA & Work String, Cleanout to PBDT at 6413', POOH.
0.0	05) RIH w/ CBL from 6400 - 0, estimated TOC at 1180'
0.5	06) RU PLS & RIH w/ CICR and set 50' above the perms @ 5865'.
0.5	07) RIH w/ WS & Sting into the CICR & Establish injection rate. Pump cement, maximum to plug to PBDT: 34 bbls or 168 sxs
	08) Pull out of retainer, dump cement on CICR & reverse clean. POOH. 2 bbls or 9 sxs
0.5	09) RIH tag cement, circulate PKR fluid (55 gal CRW132/ 100 bbl 9 ppg water) & POOH to 3077'.
	10) Consult w/ Regulatory Agent for exception: the 9-5/8" shoe is at 3027', while CBL shows TOC at 1180'. - Spot 100' plug (4 bbls or 19 sxs) from 3077-2977' or - Perf 7" csg & spot plug (7 bbls or 34sxs) from 3077-2977'
0.5	11) RIH Tag cement, circulate PKR fluid & POOH
	12) MIRU PLS to Perf 7" csg at 60' (w/ low penetration charge), POOH.
0.5	13) ND BOPs and NU Tubing top flange. Spot balanced Plug at surface: 4 bbls or 20 sxs
0.5	14) RD & MO
	15) Roustabouts remove cellar, clean up location, flush and remove flowlines and re-seed as needed.
	16) Welder install P&A marker.

5.0 Days Roy Cramer @ 970-675-3719

Rangely Weber Sand Unit

WALBRIDGE L.B. 4X Plugged and Abandoned Wellbore

08/03/11

Well Details:	
STATE & CO	CO - Rio Blanco
TWNS & RNG	T1N & R102W
SECTION	(NWNE) 1
API	05-103-0873600
CHEVNO	AN8065

Casing Details:		P&A: LWAL4X - CS39	
Type	Depth		
KB	5227		
GL	5213		
16 in. ? #/ft. ?	0 - 30', ? sxs cmt		
9.625 in. 36 #/ft. K-55	0 - 3027', 775 sxs cmt		
7 in. 23 #/ft. K-55	0 - 5288', sxs cmt		
7 in. 26 #/ft. K-55	5288 - 6456', 870 sxs cmt		
in. #/ft.	-', sxs cmt		
in. #/ft.	-', sxs cmt		
Perf Top	5915		
Perf Btm	6338		
PBTD:	6413		
TD:	6458		

Formation	Depth
Niobrara	
Frontier	3083
Frontier Snd	3172
Mowry	3359
Dakota	3450
Morrison	3540
Curtis	4123
Entrada	4243
Carmel	4410
Navajo	4466
Chinle	5036
Shinarump	5190
Moenkopi	5260
Weber	5902

GOC_CALC	5556
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Weber 1a	5902
Weber 2	6079
Weber 3a	6084
Weber 4	6172
Weber 5a	6215
Weber 6	6320
Weber 7a	6334
Weber 8	6424
Weber 9a	
Weber 10	
Weber 11a	

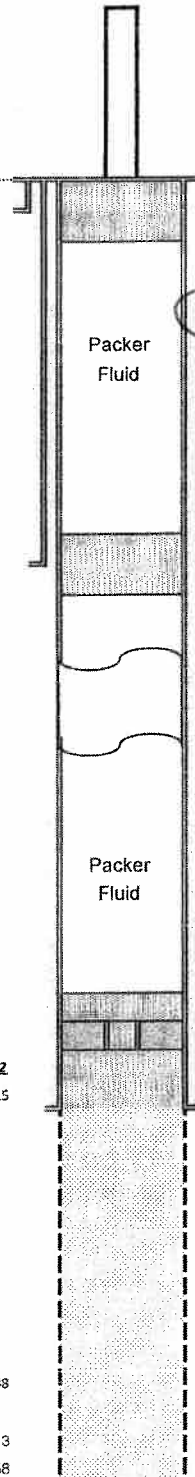
OWC_CALC	6376
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KB 5227
GL 5212.5
16 in. ? #/ft. ?
0 - 30', ? sxs cmt
9.625 in. 36 #/ft. K-55
0 - 3027', 775 sxs cmt

7 in. 23 #/ft. K-55
0 - 5288', sxs cmt

Weber 5902
Perf Top 5915

Perf Btm 6338
PBTD: 6413
TD: 6458



Cement Plug	Depths	BBIs	Sxs
Surface Plug	0 - 60'	2	12
9 5/8" 36# x 7"	0 - 60'	2	9
TOC, 1180' from CBL01/82			
Shoe & Annular Plugs			
7" 23#/ft	2977 - 3077'	4	19
above CICR	5815 - 5865'	2	9
7" CICR @	5865		
Full Plug to PBTD	10%/1000'	34	168
Total Cement			
Full Plug to PBTD	10%/1000'	47	231

Notes:

- 12/81: Set 7" casing at 6456', pump 870 sxs Expanding Cement, no returns to surface (CBL estimates TOA at 1180').
- 08/81: Set 9-5/8" surface casing to 3026.5', pump 475 sxs Econofite + 150 sxs G w/ 2% CaCl2, returns to surface, RIH w/ 90' 1" pipe and pumped 75sxs top cement.
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