Proposed P&A Procedure

Well Name: CHAMPLIN 23-02

API	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth (ftKB)	Current PBTD (mKB)
Section	**Township**	**Range**	**County/Parish**	**State/Province**

Casing Strings

Csg Des	MD (ftKB)	Run Date	Prop Run?	Cut/Pull Date	Proposed Cut/Pull?	Depth Cut/Pull (ftKB)	OD (in)	ID (in)	Grade	Len (ft)
Surface	233.0	12/18/1982	No		No		8 5/8	8.10		223.00
Production	7,010.0	12/24/1982	No	5/8/1995	No	6,000.0	5 1/2	4.89		7,000.00

Tubing Strings

Des	Set Depth (ftKB)	Run Date	Prop Run?	String Location	Pull Date	Prop Pull?	Cut/Pull Date	Proposed Cut/Pull?	Depth Cut/Pull (ftKB)

Perforations

Zone	Type	Date	Prop?	Top (ftKB)	Btm (ftKB)
CODELL, Original Hole	Perforated	3/20/1983	No	6,880.00	6,888.00

Other In Hole

Des	Run Date	Prop Run?	Prop Pull?	Top (ftKB)	Btm (ftKB)
Cast Iron Bridge Plug w/ 2 SX Cement	5/8/1995	No	No	6,400.0	6,405.0

Cement Stages

Des	Type	Prop?	End Date	Top (ftKB)	Btm (ftKB)
Surface Casing Cement	Casing	No	12/18/1982	10.0	233.0
Production Casing Cement	Casing	No	12/24/1982	6,109.0	7,010.0
Cement Plug	Plug	No		5,813.0	6,000.0
Cement Plug	Plug	No		3,451.0	3,551.0
Cement Plug	Plug	No		183.0	307.0
Cement Plug	Plug	No		10.0	35.0
Balance Plug	Plug	Yes		2,200.0	2,500.0
Cement Plug	Plug	Yes		10.0	1,000.0

P&A PROCESS

Type	Sub Type	Start Date	Engineer	Cell Phone
Abandon	WBI	3/28/2018	Brandi Wilson	2813870969

PROCESS STEPS

Type	Comment
1)	Survey and locate abandoned well, mark with stake and take location photos
2)	Excavate to expose top of surface casing
3)	Weld 2" collar to top of 8 5/8" surface casing cap. Make up to collar, pneumatic drill with non-sparking bit. Drill out cap venting possible trapped gas.
4)	Once verified that no gas exists beneath top of surface casing plate, cut off surface casing below plate with torch, dress up smooth.
5)	Butt weld 8 5/8" casing to dressed cut, bringing threaded end of casing to ground level.
6)	Make up to 8 5/8" surface casing, 8 5/8" collar and 8 5/8" starter well head
7)	NU flange adaptor and 5K BOP, test BOP.
8)	NU and RIH with 6 1/8" cone bit, PU 2 7/8" drill collars, 2 3/8" 6.5# tubing, and TIW valve
9)	Drill out first cement plug inside surface casing (TOC @ surface). Tag second plug @ 183', roll hole clean.
10)	Pressure test surface casing to 200 psi. If pressure bleeds off, set RBP and test again. **If test fails, contact office.**
11)	After pressure test of surface casing, drill out second cement plug from 183' to 307'
12)	Assume pressure under surface casing shoe, roll hole with kill fluid until well dead, or blow down.
13)	Continue RIH, cleaning out with drilling mud or water to 2500'. If 900' is not reached within 3 weeks, contact office for further instruction.
14)	TOOH with cone bit, drill collars, and 2 3/8" tubing.
15)	PU and RIH with mule shoe and 2 7/8" tubing to 2500'.
16)	RU cement crew and pump 115 sxs of 15.8ppg Class G "neat" plug from 2500' to 2200'.
	Interval Start: 2500 / Interval End: 2200 / Length (ft): 300 / Vol. Factor (ft^3/ft): 0.4418 / Volume (ft^3): 133 / Yield (ft^3/sk): 1.15 / Cement (sxs): 115 TOTAL 115
17)	POOH with 2 7/8" tubing. Wait 4 hrs, and tag TOC.
18)	Pump 370 sxs of 15.8ppg Class G "neat" plug from 1000' to surface.
	Interval Start / Interval End / Length (ft) / Vol. Factor (ft^3/ft) / Volume (ft^3) / Yield (ft^3/sk) / Cement (sxs) 1000 / 233 / 767 / 0.4418 / 339 / 1.15 / 295 233 / 0 / 233 / 0.3576 / 83 / 1.15 / 72 TOTAL 370
19)	POOH w/ workstring. Top off cement if needed. Cement needs to be ~ 10' from surface.
20)	ND BOP. Top off cement as needed.
21)	Let cement set over night, verify cement has not settled and is still at surface. RDMO.
22)	Excavate around wellhead to 8' below grade, cut off 8 5/8" casing, weld on cap
23)	Backfill hole and reclaim surface to original conditions.

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