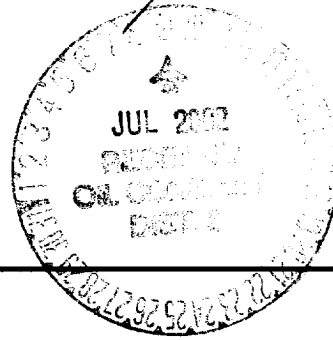


San Juan Basin Well Work Procedure

Well Name: Jicarilla Contract 155 - 11
Version: #1
Date: 6/17/2002



Repair Type: Plug and abandonment

Objectives:

1. P&A entire wellbore.

Pertinent Information:

Location: Sec 31 T26N R5W
County: Rio Arriba
State: New Mexico
Lease:

Horizon: Pictured Cliffs
API #: 30-039-06299
Engr: Allen Kutch
Phone: (281)366-7955

Formation Tops: (Estimated formation tops)

Nacimiento:	1320	Menefee:
Ojo Alamo:	2250	Point Lookout:
Kirtland Shale:	2460	Mancos Shale:
Fruitland:	2668	Gallup:
Pictured Cliffs:	2880	Graneros:
Lewis Shale:		Dakota:
Chacra:		Morrison:
Cliff House:		

Bradenhead Test Information:

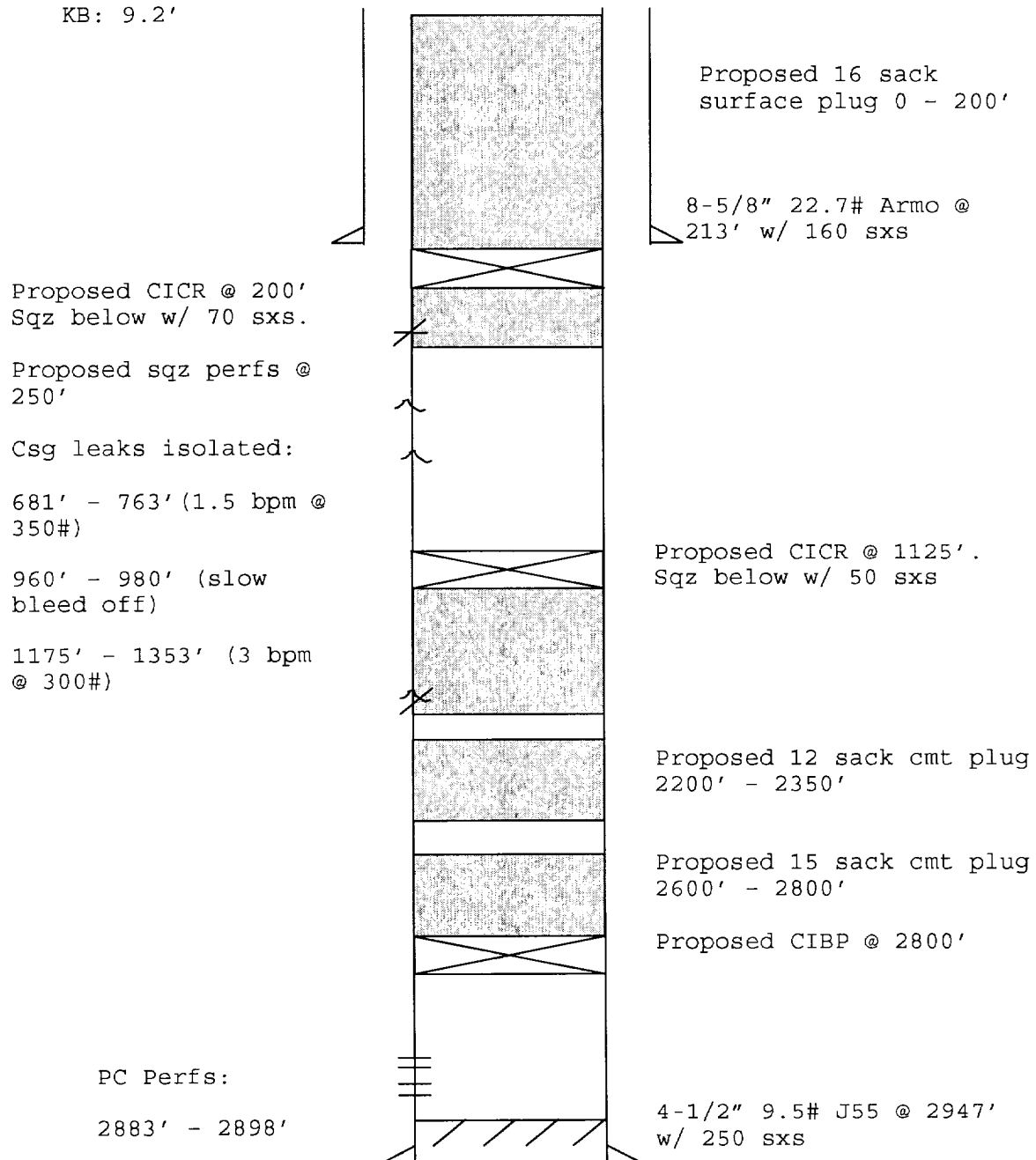
Test Date: Tubing: Casing: BH:

Time	BH	CSG	INT	CSG
5 min				
10 min				
15 min				

Comments:

Jicarilla Contract 155-11 Proposed P&A Configuration 6-17-2002
Rio Arriba County, NM ATK
Unit K Section 31 T26N - R5W
Run 57

KB: 9.2'



PBTD: 2912'
TD: 3589'

Plug and abandonment procedure

1. Contact Federal and State agencies prior to starting P&A work (NMOCD Charlie Perrin, 505-334-6178 X16, BLM 505-599-8907).
2. Check location for anchors. Install if necessary. Test anchors.
3. MIRUSU. Check and record tubing, casing and bradenhead pressures.
4. Blow down well and kill well, if necessary, with lease water.
5. ND wellhead. NU BOP's.
6. POOH with 2-3/8" tbg, visually inspecting.
7. TIH with CIBP on tbg. Set CIBP at 2800' to abandon the PC.
8. Spot 15 sack cmt plug 2600' – 2800' to isolate the PC/Fruitland.
9. Spot 12 sack cmt plug 2200' – 2350' to isolate the Ojo Alamo.
10. Set CICR at 1125'. Attempt to break circulation to surface. Sqz below CICR with 50 sxs to isolate the Nacimiento. .
11. Perf at 250' with 4 SPF. Set CICR at 200'. Attempt to break circulation to surface. Sqz below CICR with 70 sxs.
12. Spot 16 sack surface cmt plug 0 – 200'.
13. ND BOP. Cut off wellhead and casing. Top off cmt if necessary. Weld on PXA marker.
14. Provide workorder to Buddy Shaw for surface reclamation.

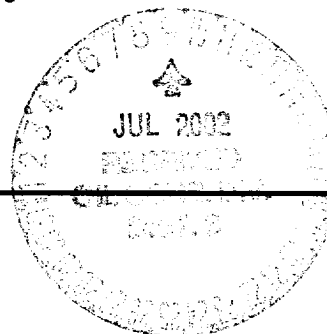
San Juan Basin Well Work Procedure

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Version: #1
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Cliff House:			

Bradenhead Test Information:

Test Date: Tubing: Casing: BH:

Time	BH	CSG	INT	CSG
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10 min				
15 min				

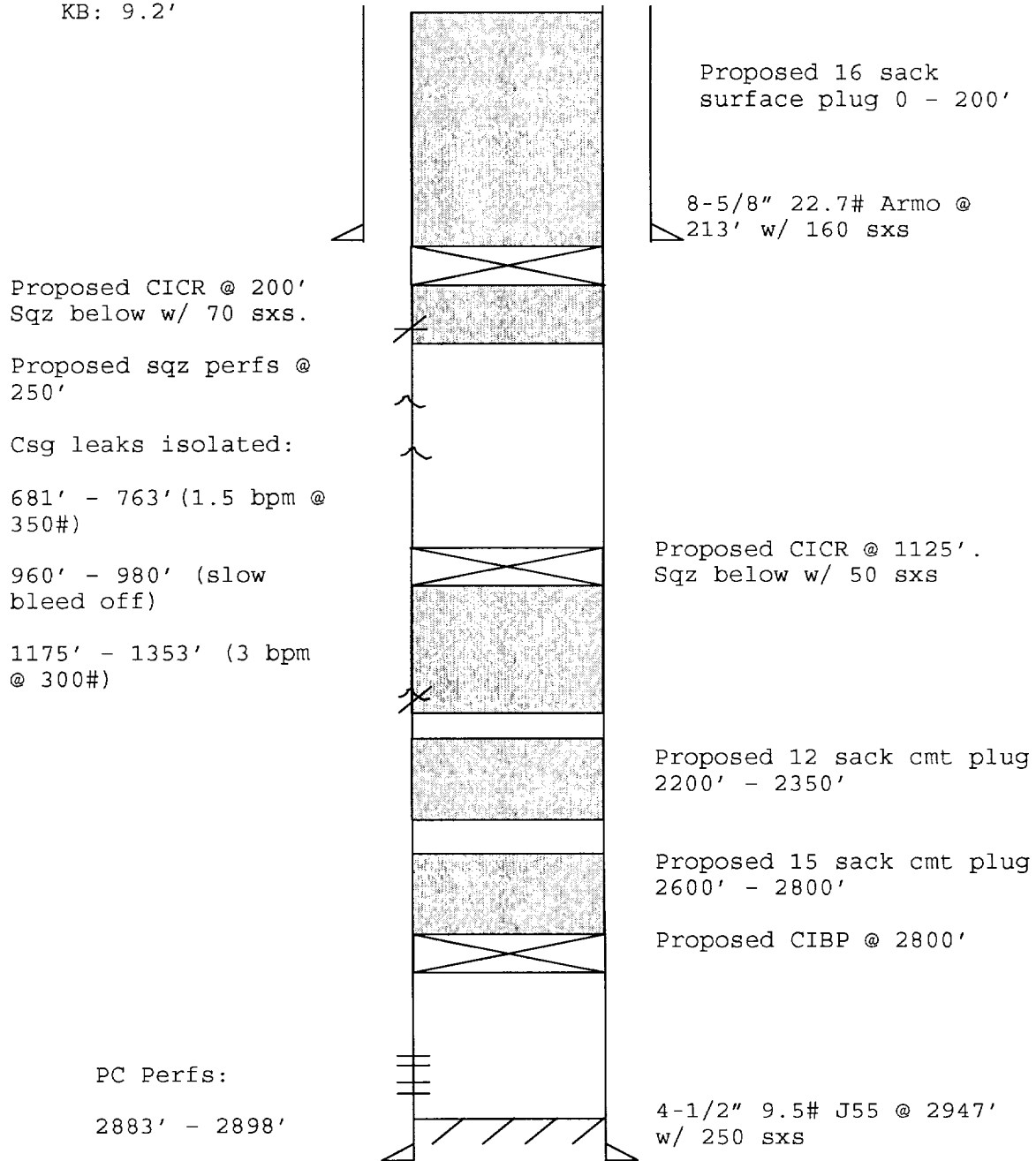
Comments:

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Rio Arriba County, NM ATK
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