

WHSS-Intercept



Ernie Adamson Gas Unit # 1

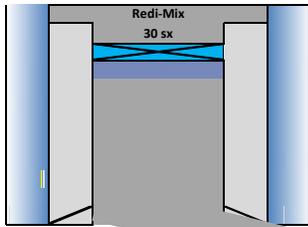
Proposed Features	
KB	25

CIBP (9-5/8")	80
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TOC	100
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9-5/8" Surface Casing	300
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7-7/8" OH to Intercept wellbore	300-406
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Existing Features	
KB	10

Top of Fish	126
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8-5/8" Surface csg shoe at	164
Surface Hole shoe at	202

Bottom of Fish	406
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Intercept Point	406
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Bottom of Foxhills (FHM)	1292
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Sussex	Top	4354
	Base	4588

Shannon	N/A
No shannon production w/in 1 mile radius	

Nio Top	6939
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TD	7057
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Proposed Additions for P&A

Redi-Mix to surface

100	CIBP (8-5/8")
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Cement Blend: Type III w/ cello flake and CaCl₂, mixed at 14.8 ppg and 1.33 cuft/sk. with 40%

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1500	Bottom of cement
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4150	Top of cement
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Cement Blend: "G" w/ 0.25 pps cello flake , 0.4% CD-32, 0.4% ASA - 301, mixed at 15.8 ppg and 1.15 cuft/sk, with 20% excess used and considering hole size of 13".

4550	Bottom of cement
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6540	Top of cement
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NB Cement Blend: 50/50 Poz "G" w/ 20% silica flour, 3% gel, 0.1% sodium metasilicate and 0.4% FL-52. Mixed at 13.5 ppg and 1.71 cuft/ sk yield with 40% excess and 9" hole size.

7057	Bottom of cement
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API#		0512308288		
Well: Ernie Adamson Gas Unit # 1				
Equipment	Specs.	Depth	(bbl/ft)	ft ³ /ft
Surface	8 5/8"	164		0.3575
EA Hole	7 7/8	7507	0.0602	0.3382
WHSS Hole	7 7/8	425	0.0602	0.3382
9-5/8 Csg	9-5/8"		0.0766	0.4305
Hole Size	9		0.0787	0.4418
Hole Size	11.5		0.1285	0.7213
Hole Size	13		0.1642	0.9218

Cement Yield	1.33	1.15	1.71	1.38
Top Plug	SX/SH	NB/CD Squeeze	NB/CD in pipe	

Cement Calculations				
Section	Volume cu-ft	Cement Sacks	Excess	Top Plug
EA Well Perfect wot	1532.81	1152.49		
OH_EA well	1210	910	20%	13" Assumed
OH_WHSS	39	30	10%	7-7/8"
WHSS 9-5/8"	86	65		
Total Top Plug	1336	1004	1000	
1330				

openhole	442	385	20%	SX/ SH Plug
Total	442	385	390	13" Caliper
449				

Legend	
	New cement
	Existing cement with CBL
	assumed cement w/ no CBL
	cast iron cement retainer
	cast iron bridge plug
	mud
	Water

	cu-ft	sacks		
NB/CD OH	274	160	20%	Assume 9" hole
Total	274	160	160	NB/CD Plug