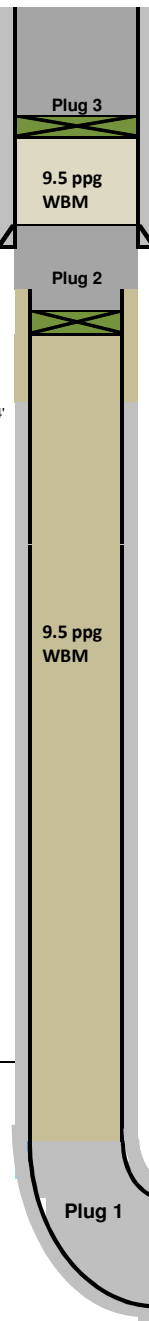




Shell E&P Company
200 North Dairy Ashford
Houston, Texas USA 77079

Lease :	Hudgens 3307 10-2H										
API No:	15-077-21853-01-00										
KB :	31.7 ft above GL	Size	Weight	Grade	Thread	Depth (ft)	ID (in)	Drift	Collapse	Burst	BBL/Ft
GL:	1356'	9 5/8"	36.0	J-55	STC	518	8.921	8.77"	2030	3523	0.0773
Legals :	Sec 10, T33S, R07W	7"	23.0	L-80	DWC	5029	6.366	6.245"	4437	8714	0.0394
	330' FSL, 1075' FWL	4.5"	11.6	P-110	LTC	4464-9168	4.000	3.877"	7569	10687	0.0155
County:	Harper										
State:	KS										
Spud:	10/6/12										
RR:	11/13/12										
Latitude:	37°10'54.66"										
Longitude:	98°03'39.04"										

TOC and cap	5
BOC Plug	140
CIBP	140
TOC plug	468
9 5/8" csg shoe	518
7" csg cut	568
BOC plug	618
CIBP	618



Proposed P&A

Key Depths (ft)	
TD	9,172
TVD	4,602
PBTD	9,158
Kick Off Points	4,061
Landing Point 90°	5,146
Flag Joint(s)	NA
Comments on the Cement Job	
7": estimated TOC 1,574' Openhole completion. No cement job pumped on production string.	

Highlights	
Highest Dogleg	17 deg @ 5086'
Est. BHT	136 F
Est. BHP	1,933 psi
Approx. Lateral Length	4,012 ft
Fluid in the wellbore	Produced water

Formation Depths		
	MD	TVD
Top of Miss Lime	4,770	4,539
Deepest Water Well	89'	89'
P&A Fluids		
Cement	Class H	
Mud	9.5 lbs/gal Viscosity > 36	

Packer System Equipment Depths

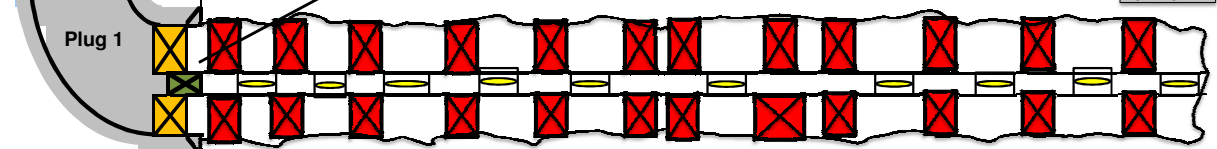
Equipment	Depth (ft)	ID (inch)
Baker DLB		
Float Shoe	9,166	4.000
1.25" Ball Seat Sub	9,158	1.010
P-Sleeve		
3220 psi open	8,956	3.835
OH Packer 1	8,781	3.833
2.5" Sleeve	8,652	2.400
OH Packer 2	8,480	3.833
2.625" Sleeve	8,306	2.525
OH Packer 3	8,175	3.833
2.75" Sleeve	8,001	2.650
OH Packer 4	7,827	3.833
OH Packer 5	7,307	3.833
2.875" Sleeve	7,090	2.775
OH Packer 6	6,917	3.833
OH Packer 7	6,744	3.833
3" Sleeve	6,614	2.900

Equipment	Depth	ID
OH Packer 8	6,439	3.025
3.125" Sleeve	6,267	3.025
OH Packer 9	6,135	3.025
3.25" Sleeve	5,960	3.150
OH Packer 10	5,829	3.833
3.375" Sleeve	5,656	3.275
OH Packer 11	5,525	3.833
3.5" Sleeve	5,348	3.400
OH Packer 12	5,217	3.833
BXB VAM X LTC X-Over S-3 Liner Packer		3.937
2 RH Profile		3.937

KOP	4,061 ft
TOC	4414
Landing Point	5,146 ft

8 3/4" Hole 7" Casing
5029
Top of CIBP in 4 1/2" set @ 4,770' MD. Inclination ~70 deg

6 1/8" Hole 4.5" Liner



Approx. Lateral Length: 4,012 ft
TD: 9,172 ft P-sleeve
PBTD: 9,158 ft
TVD: 4,602 ft
TBN