OPERATOR	NueVida Resources, LLC
WELL NAME/NO.	Ardourel 33081718 #4HU
SURF LOCATION	1793' FSL, 289' FWL, NWSW Sec. 18, T33N-R8W

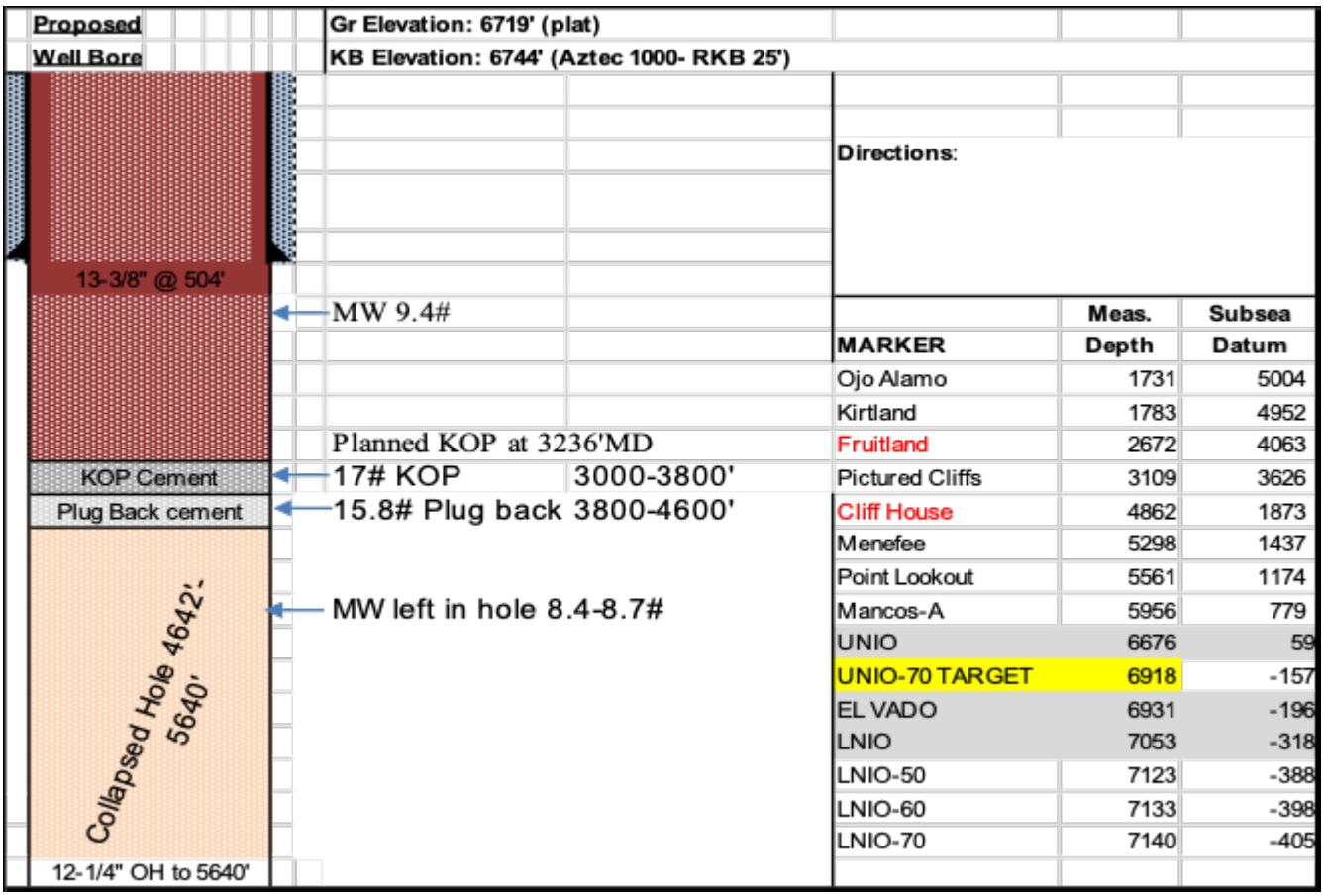
Well Status/Description

We had top drive issues on the Ardourel 4H well. While drilling the TDS seized up and were unable to rotate DP. We had to jar and work our way out of hole. After 15days TDS was repaired and able to RIH to clean out. While washing and reaming hole we were able to make it down to 3600' without to many issues. The clay however swelled up up and became very active below 3600'. We were able to clean out the hole down to 4642' after after 2.5days trying to clean and ream hole to from 3857'MD. The hole below the clays 4400' became very sticky and we could clena up and go down but once pumps off formation would keep coming back in on us and grab us. Due to the unstable and collapsing OH below 4642' we plan to cement this section back up to 3000' and sidetrack to redrill section to TD. On the wiper trip the upper hole and the coals section are in good shape. We can still keep clays open with heavyer MW so we will plan to **pump 2 plugs 800' each** to fill the void and give me a KOP ~3236'MD below the coals.

2 Stage KOP Side track Cement Job Procedures,

plan 15%excess as we know form logs on previous well we have 12-15% wash out here andmade several trips thru here.
OH is 12-1/4" and drilled to 5640' initially before TDS breakdown and hole left alone for 18+days and collapssed and not salvagable
Planned Kick off at 3236' below the coals
We will RIH with **stinger/diverter sub** to **4600' spot 1st balanced plug 800' long with 15% excess so top is 3800'**
Diverter/stinger is a 6' section of capped DP (like a mule shoe) with 8 slots cut in sides to jet cement out sides instead of down hole)
POOH to **3800', circulate hole clean** and see if we get any cement back (if excess is correct we should have traces of cement and all spacer back)
WOC TT rotating pipe and pumping avery 15-30min to make sure not packed off
Spot 2nd balanced KOP from 3800-3000'
POOH stinger/diverter sub to 2950' and circulate Pipe and hole clean here see if any cement back
Continue to POOH
WOC 24hrs to Kick off or till we get minimum 3000psi CS
P/U BHA and RIH and dress off top of plug to 3,000' after 12hrs then continue to WOC

Circulating temperature at **118 deg F out** and **106deg going in** .



MARKER	Meas. Depth	Subsea Datum
Ojo Alamo	1731	5004
Kirtland	1783	4952
Fruitland	2672	4063
Pictured Cliffs	3109	3626
Cliff House	4862	1873
Menefee	5298	1437
Point Lookout	5561	1174
Mancos-A	5956	779
UNIO	6676	59
UNIO-70 TARGET	6918	-157
EL VADO	6931	-196
LNIO	7053	-318
LNIO-50	7123	-388
LNIO-60	7133	-398
LNIO-70	7140	-405

Section	Total Depth ft	Cement Coverage ft	OH	Excess	OH Volume (ft^3/ft)	OH Volume (ft^3)	OH Volume (ft^3) with Excess	Min # Sks of cement	
Plug Back	4600	1600	12-1/4"		0.8185				
Stage 1 Plug back	TOC								Spacer we can discuss, I plan to set plugs back to back after waiting TT on stage 1 plug back
Spacer	3621	179	12-1/4"	15%	0.8185	146.5	168.5	0	
cement	3800	800	12-1/4"	15%	0.8185	654.8	753.0	655	
Stage 2 KOP	TOC								
Spacer	2821	179	12-1/4"	15%	0.8185	146.5	168.5	0	
cement	3000	800	12-1/4"	15%	0.8185	654.8	753.0	761	

Stage 1 Spacer	Tuned Spacer III, Baroid 175.4lb/bbl+0.125 Gal/bbl D-Air, 35.35 gal/bbl Fresh water				
Density	11	33.1 gal/bbl Mix water	993.2566 Min gal Mix water		
Total Spacer	**30.0 bbls**				
Stage 1 Plugback	HALCEM (TM) SYSTEM-0.6 % HR-5 +0.1 % CFR-3+35%SS-200 , 6.2 Gal/sack(water)				
Density	15.8 ppg	13.24 gal/sk Mix water	8670 Min gal Mix water		
Yield	1.15 ft^3/sk				
Total Tail sks	**655 sks**	**134.1 bbls**	**753.0 ft^3/sk**		
Stage 2 Spacer	Tuned Spacer III, Baroid 175.4lb/bbl+0.125 Gal/bbl D-Air, 35.35 gal/bbl Fresh water				
Density	11 ppg	33.1 gal/bbl Mix water	993 Min gal Mix water		
Total Spacer	**30.0 bbls**				
Stage 2 KOP	HALCEM (TM) SYSTEM-0.6 % HR-5 +0.1 % CFR-3+35%SS-200 , 6.2 Gal/sack(water)				
Density	17 ppg	3.8 gal/sk Mix water	2890 Min gal Mix water		
Yield	0.99 ft^3/sk				
Total Tail sks	**761 sks**	**134.1 bbls**	**753.0 ft^3/sk**		