13,051.15 2,479.17 E 12194.98 N 2,353.38 E tes for ST 464053° 0.079904° SUF : set 10m init e to +1.0 m	690.0 5.0 <b>695.0</b>	m (surveyed m m m m m m m m m m m m m m m m m m m	m ASL (No Reduction) m KB	
13,051.15 2,479.17 E 12194.98 N 2,353.38 E 12553.38 E 1	690.0 5.0 695.0 N N CARS Link C	m (surveyed m m m m m m m m m m m m m m m m m m m	m ASL (No Reduction)	
2,479.17 E  12194.98 N 2,353.38 E  tes for ST 464053° 0.079904° SUF  : set 10m int e to +1.0 m	5.0 695.0 N  CARS Link C  EFACE CASI  to competent and alarm at	enter  NG  474 216 246 formation	m ASL (No Reduction)	
2,479.17 E  12194.98 N 2,353.38 E  tes for ST 464053° 0.079904° SUF  : set 10m int e to +1.0 m	695.0  N  ARS Link C  RFACE CAS  to competent	enter  NG  474 216 246 formation	(No Reduction)	
2,479.17 E  12194.98 N 2,353.38 E  tes for ST 464053° 0.079904° SUF  : set 10m int e to +1.0 m	TARS Link C	474 216 246 formation	(No Reduction)	
2,353.38 E tees for ST 464053° 0.079904° SUF : set 10m in: e to +1.0 m	RFACE CAS to competent	474 216 246 formation	(No Reduction)	<u> </u>
0.079904° SUF  : seet 10m interest + 1.0 m  DRMATION mSS	RFACE CAS to competent	474 216 246 formation	(No Reduction)	)
SUF : set 10m ini e to +1.0 m	to competent <sup>3</sup> and alarm at	474 216 246 formation	(No Reduction)	
: set 10m ini e to +1.0 m DRMATION mSS	to competent <sup>3</sup> and alarm at	474 216 246 formation	(No Reduction)	1
e to +1.0 m  DRMATION  mSS	<sup>3</sup> and alarm at	216 246 formation	(No Reduction)	
e to +1.0 m  DRMATION  mSS	<sup>3</sup> and alarm at	246 formation		'
e to +1.0 m  DRMATION  mSS	<sup>3</sup> and alarm at	formation	IM KB	
e to +1.0 m	<sup>3</sup> and alarm at			
DRMATION mSS		+2.0m <sup>3</sup> .		
mSS	N TOPS & P			
		RESSURES		
	TVD	Minimum MW	Max Expected	EMD+Margin
(m)	(m)	(kg/m3)	gradient Kpa/m	(kg/m3)
691.8	0	0	0	0
252	442	887	8.7	1048
149.5	544.5	887	8.7	1018
111.5	582.5	459	4.5	581
			9.7	1102
			7.6	886
			9.8	1104
-40.1		1009	9.9	1106
-56.2	750.2	999	9.8	1094
-68.7	762.7	714	7.0	807
-76.1	770.1	999	9.8	1092
-78	772	948	9.3	1040
-81.7	775.7	948	9.3	1040
offset wells	s, and are not	indicative of wha	t could be expect	ed. They are to
	Dina			
	149.5 111.5 62 51 16.9 -40.1 -56.2 -68.7 -76.1 -78 -81.7	149.5 544.5 111.5 582.5 62 632 632 631 643 16.9 677.1 -40.1 734.1 -56.2 750.2	149.5 544.5 887 111.5 582.5 459 62 632 989 51 643 775 16.9 677.1 999 -40.1 734.1 1009 -56.2 750.2 999 -68.7 762.7 714 -76.1 770.1 999 -78 772 948 -81.7 775.7 948  Dina  Dina  Dina  V. and rig release Date/Time on DDR	149.5         544.5         887         8.7           111.5         582.5         459         4.5           62         632         989         9.7           51         643         775         7.6           16.9         677.1         999         9.8           -40.1         734.1         1009         9.9           -56.2         750.2         999         9.8           -68.7         762.7         714         7.0           -76.1         770.1         999         9.8           -78         772         948         9.3           -81.7         775.7         948         9.3    offset wells, and are not indicative of what could be expect

AFE#:

Additional Information

18xxxx

RIG:

Advance Rig-5

228 mm, 21 MPa

**CASING BOWL** 

Hole: 311 mm

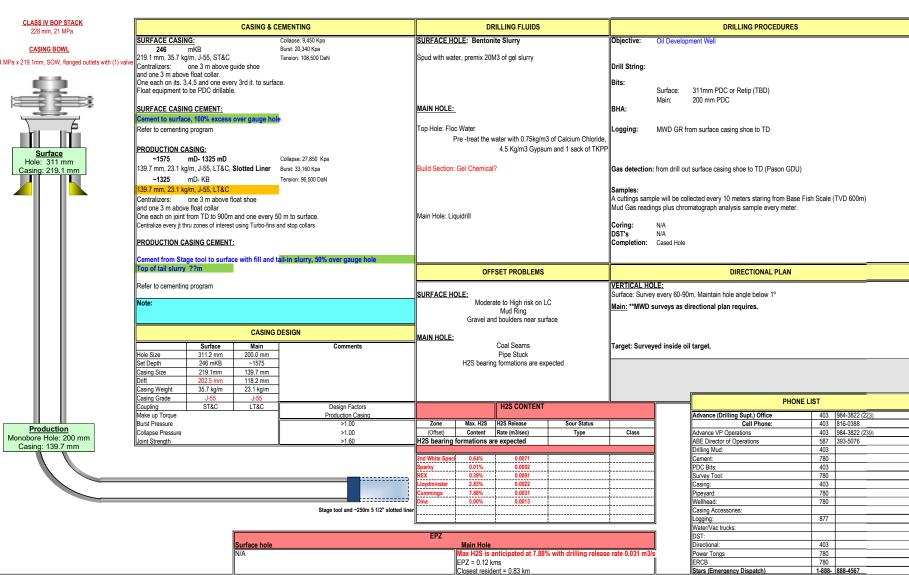
Casing: 219.1 mm

Production

## ALPHABOW HZ 9B2 HAYTER 9-21-40-1W4

Oil Development Well





ABE Drilling Stick -Rev-04.xlsx \ 9B2 Hayter 9-21-40-1 2018-11-17