SANTOS – TAMBORAN RESOURCES

COMPILED FOR

SANTOS LIMITED

(A.B.N. 80 007 550 923)

TANUMBIRINI 2H / TANUMBIRINI 2H ST1

BASIC WELL COMPLETION REPORT

EP 161 / NORTHERN TERRITORY

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TANUMBIRINI 2H / TANUMBIRINI 2H ST1
BASIC WELL COMPLETION REPORT

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1 Introduction and Summary

Tanumbirini 2H / Tanumbirini 2H ST1 was drilled by the Easternwell 106 rig in permit EP 161 onshore Northern Territory.

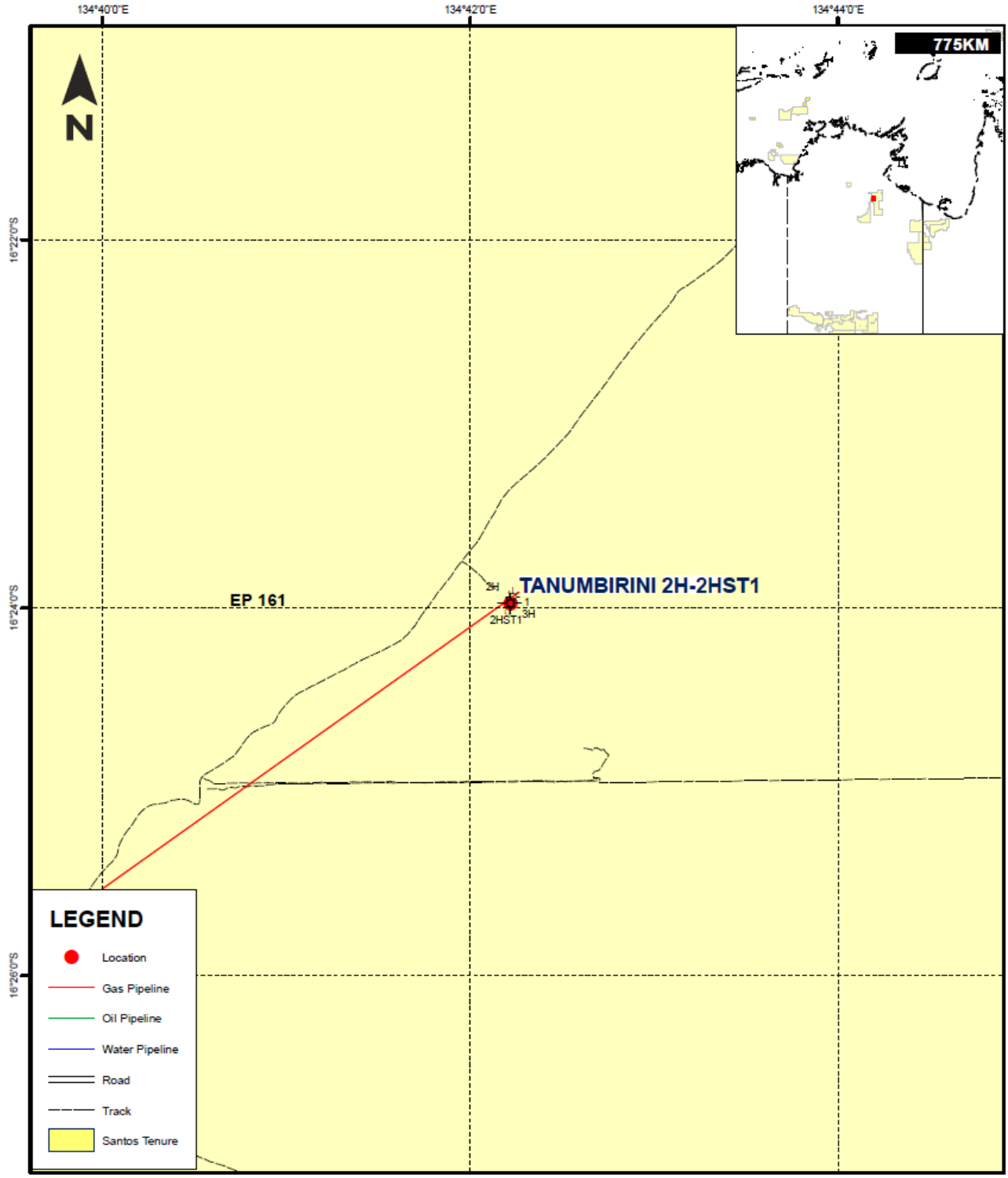
The EP 161 Velkerri prospect has been described as a Mesoproterozoic shale formation unconventional resource play that has been formally subdivided into three members: the Kyalla Member (oldest), the Amungee Member (middle) and the Wyworrie Member (youngest). Organic shale intervals within the Amungee Member have been informally subdivided into three reservoir units, the A Shale (oldest), the B Shale (middle) and the C Shale (youngest). All three shale intervals are deemed to be laterally extensive within the prospect area. The target B shale is assumed to have a relatively thick pay interval of 67m Total Vertical Thickness (TVT) based on Total Organic Content (TOC) >2% from offsets Tanumbirini 1 and Marmbulligan 1.

The EP 161 prospect area is currently defined by the western edge of the permit boundary and the estimated dry/wet gas window to the north, east and south (structural bounds) within the Beetaloo sub-basin. The permit area consists of 136 full and part graticular blocks, which are approximately 10,500km2 (2.6 million acres), of which the assumed mid-case prospective area is 1,600km2 (~400k ac). The gross interval of the Velkerri Formation located within the play fairway of EP 161 ranges from 1000mTVT to 1500mTVT ignoring the high variation and uncertainty on the eastern edge where faulting is prevalent. The Velkerri Formation thickness at Tanumbirini 1 is approximately 1275mTVT, which represents the thickest Velkerri isochore data point in the Beetaloo Sub-basin. The primary prospective reservoir unit is currently considered to be the B Shale.

The drilling phase of the campaign objectives has demonstrated the feasibility of placing horizontal wellbores in the Velkerri Fm and gas detection qualitatively indicates that the B Shale has the potential to successfully produce gas at commercial rates.

The Tanumbirini exploration program consisted of two ~1000m horizontal wells (Tanumbirini 2H and Tanumbirini 3H) planned to be drilled from a shared pad with a surface location approximately 75m SW of the Tanumbirini 1 well. Both wells targeted the Amungee Member B Shale and will be fracture stimulated and flow tested to prove up gas deliverability.

Figure 1: Well location map



TANUMBIRINI 2H-2HST1

Figure 1. TANUMBIRINI 2H-2HST1 basic location map (1:50000)

Date: 2/11/2021

1:50000

0 0.5 1 2

KILOMETRES

Santos

GDA2020

MGA2020

2 Well Summary Sheet

Well Name:	Tanumbirini 2H / Tanumbirini 2H ST1
Classification:	Exploration
Permit:	EP161 / Northern Territory
Well Path:	Sidetracked
Location:	McArthur Basin / Northern Territory Latitude: 16° 23' 58.74" South (GDA94) Longitude: 134° 42' 13.02" East Northing: 8 186 833m Easting: 468 353m
Offset Well:	Tanumbirini 1 located ~75m NE; Marmbulligan 1 located ~23km NE. Amungee NW 1 located ~ 99km W.
Seismic Control:	MCSAN 19-01; IL MCSAN 19-01, XL MCSAN 13-05
Elevation:	214.9m AHD (GL)
RT Elevation:	223.6m
Kick off Depth:	3347.0m MDRT
Total Depth Driller:	3488.0m MDRT (Tanumbirini 2H)
Total Depth Logger:	N/A (Tanumbirini 2H)
Total Depth Driller:	4598.0m MDRT (Tanumbirini 2H ST1)
Total Depth Logger:	N/A (No wireline logging conducted)
Casing:	Conductor 1: 26" at 32.9m MDRT Conductor 2: 13-3/8" at 235.0m MDRT Surface: 9-5/8" at 1079.6m MDRT Intermediate: 7" at 3327.9m MDRT Production: 4-1/2" at 4511.9m MDRT
Spud:	17:15 hours on 11th May 2021
Reached TD:	18:00 hours on 27th July 2021
Rig Released:	12:00 hours on 17th August 2021
Well Status:	Cased and Suspended Gas Well
Suspended:	12:00 hours on 17st August 2021
PBTD:	4464.7m MDRT

Permit Interests (Voting / Investment):	Santos QNT Pty Ltd 75.0 / 75.0% Tamboran Resources 25.0 / 25.0%
Rig Name/Type:	Easternwell 106 / Land-Onshore
Drilling Contractor:	Easternwell

3 Drilling

3.1 Summary of drilling and related operations

Tanumbirini 2H:
The well was spudded at 17:15hrs on 11th May 2021 with the drilling rig Easternwell 106. The 17-1/2" deep conductor hole in this well was drilled from 32.9m to 235.7m (casing while drilling), with the 13-3/8" deep conductor set at 235.0m. A Leak Off Test (LOT) was performed to 43.9ppg Equivalent Mud Weight (EMW). The 12-1/4" surface hole was then drilled to 1082m. Ran and cemented 9-5/8" surface casing with the shoe set at 1079.6m. The 8-1/2" hole was drilled to 3409m. The 7" intermediate casing was ran in hole to 3327.9m with a pack-off observed and casing unable to pass this depth. Casing was cemented with the shoe set high at 3327.9m. A decision was made to set a kick-off cement plug and side-track Tanumbirini 2H. After setting the cement plug, a 6-1/8" drill out BHA was ran in hole and the 7" casing shoe drilled out to 3327m. A Formation Integrity Test (FIT) was conducted inside the casing shoe to 14ppg EMW. Washed and reamed 8-1/2" rat hole to 3418m. Pulled out of the hole. Ran in hole with a cement stinger and set a kick-off cement plug.

A 6-1/8" kick-off BHA was made up and time drilling occurred from 3329m to 3347m at which point 100% formation was observed, Tanumbirini 2H was side-tracked to Tanumbirini 2H ST1 at 10:00hrs on 18th July 2020. A total of 19 bit runs were performed on Tanumbirini 2H.

Tanumbirini 2H ST1:
Drilling of the 6-1/8" production hole proceeded from kick-off point at 3347m to well TD at 4598m. TD was reached at 18:00hrs, 27th July 2021. 4-1/2" production casing was run and cemented with the shoe set at 4511.9m. A total of 2 bit runs were performed on Tanumbirini 2H ST1.

While drilling Tanumbirini 2H / Tanumbirini 2H ST1, measurement While Drilling (MWD) surveys were taken at regular intervals to ensure that the well stayed within the specified +/-50m lateral constraint from well design and within the vertical tolerance window of +/-10mTVD.

One oil fluorescence show was observed during drilling operations at 1612m to 1621m drillers depth in the Kyalla Formation. 20 to 40% of sandstone cuttings exhibited oil fluorescence with a gas peak of 95 Units (60/24/11/4/1%) and background gas of 30 Units.

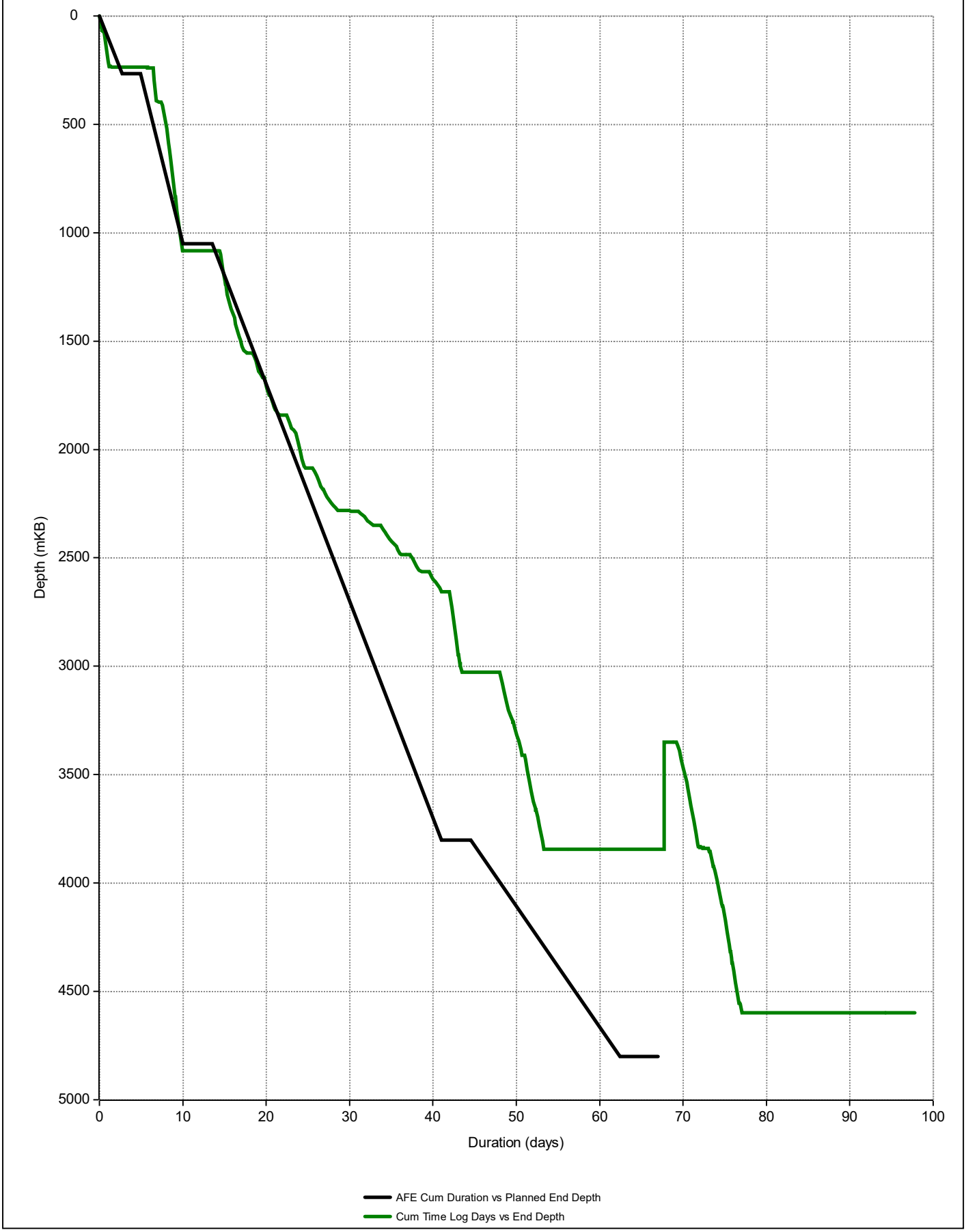
Several poor to good gas shows were observed in Tanumbirini 2H ST1 in the Moroak Sandstone and Wyworrie Member, with total gas peaks of up to 895 units over a background of 50 units (98/4/1%). Several good gas shows were observed in Tanumbirini 2H ST1 in the Amungee B and C Shales, with total gas peaks of up to 4482 units over a background of 200 units (98/2/Tr%).

Tanumbirini 2H ST1 has been cased and suspended as a gas exploration well for completion at a later date. The rig was released at 12:00 hours, 17th August 2021.

Well Name: Tanumbirini 2H ST1	Operating Co: Santos Ltd	Rig: Easternwell, 106

TVD Curve

Days vs Depth



Report Printed: 8/12/2021

3.2 Drilling equipment installed in or on the well

The drilling rig Easternwell 106 is an ADR 1500 type, top drive rig, with a cantilever triple mast.

Details of drilling equipment related to Easternwell 106 are enclosed in Appendix 1.

3.3 Casing and equipment installed in or on the well

The following table summarises casing sizes, depths and cementing details for Tanumbirini 2H and Tanumbirini 2H ST1.

Table 1: Casing sizes, depths and cementing details

BIT SIZE	DEPTH	CASING SIZE	CASING DEPTH	JNTS	CASING TYPE	CEMENT
17 -1/2"	235.6m	13-3/8"	235.0m	21	68lb/ft L80 SL-Boss	285.8 barrels of 11.8-15.8ppg Class 'G' cement plus additives. 3x Sentinel slurry top up cement jobs down the back side.
12-1/4"	1082.0m	9-5/8"	1079.6m	93	53.5 lb/ft P110 SL-Boss	425.1 barrels of 11.5-15.6ppg Scavenger and Tunelight cement plus additives
8-1/2"	3844.0m	7"	3327.9m	295	26 lb/ft P110 SL-APEX	337.1 barrels of 12.5-14.5ppg Lead and Tail Elasticem plus additives
6-1/8"	4598m	4-1/2"	4511.9m	396	15.1 lb/ft Q125HY/Q125	158.5 barrels of 14.5ppg Elasticem cement plus additives

3.4 Bit Records

The following table summarises bit run details for Tanumbirini 2H and Tanumbirini 2H ST1. Bit details are also available in appendix 1.

Table 2: Bit run details

Tanumbirini 2H:

BIT #	MAKE	TYPE / MODEL		SIZE	HOURS	METERS	CONDITION
1	Baker Hughes Bit Shoe	PDC	EZC506	17-1/2"	21.2	202.8	In Hole (bit shoe)
2	Baker Hughes	Mill tooth	VM-1	12-1/4"	6.0	3.0	1-2-BT-S-0-I-RR-TD
3	NOV	PDC	TKC76	12-1/4"	12.9	158.4	7-6-RO-N-X-I-BT-PR
4	Ulterra	PDC	CF713	12-1/4"	48.1	685.0	0-1-BT-G-X-I-RR-TD
5	Ulterra	PDC	CF616	8-1/2"	67.3	473.0	1-1-CT-G-X-I-RR-PR
6	NOV	PDC	TKC73	8-1/2"	62.2	285.0	8-2-RO-M-X-I-CT-DTF / PR
7	NOV	PDC	TKC73	8-1/2"	49.3	244.0	8-3-RO-M-X-I-WT-PR
8	Baker Hughes	Kymera Hybrid: PDC/TCI	KMX425E	8-1/2"	67.6	197.0	RCI: 2-5-BT-G-E-I-WT-PR PDC: 2-2-WT-A-X-BT-PR
9	Ulterra	PDC	U03201	8-1/2"	2.0	4.0	8-8-RO-A-X-I-CT-PR
10	Smith	PDC	Z813	8-1/2"	39.2	63.7	6-5-DL-A-X-I-CT/RO-PR
11	Baker Hughes	Kymera Hybrid: PDC/TCI	KMX425	8-1/2"	53.3	134.3	RCI: 3-3-WT-A-E-I-BT-PR PDC: 1-2-WT-A-X-I-BT-PR
12	Halliburton	PDC	GTi74DH	8-1/2"	29.8	79.0	1-2-BT-S-X-I-DL-PR
13	Smith	PDC	Z813	8-1/2"	33.3	93.0	0-1-WT-S-X-I-CT-TD
14	Halliburton	PDC	GTi74DH	8-1/2"	29.7	371.0	0-1-CT-G-X-I-ER-PP
15	Halliburton	PDC	GTi64D	8-1/2"	-	0.0	0-0-NO-A-X-I-NO-BHA
16	Halliburton	PDC	GTi64D	8-1/2"	98.2	818.0	2-1-CT-N-X-I-NO-TD
17	Halliburton	PDC	GTi64D	8-1/2"	-	0.0	2-1-XT-N-X-I-NO-TD

Tanumbirini 2H ST1:

BIT #	MAKE	TYPE / MODEL		SIZE	HOURS	METERS	CONDITION
18	Baker Hughes	TCI	STX30 537	6-1/8"	0.5	2.0	1-2-CT-G-2-I-WT-DP/BHA
19	Halliburton	PDC	GTE64C	6-1/8"	122.2	1249	0-0-ER-A-X-I-NO-TD

3.5 Drilling Fluids

The following table summarises drilling fluid details for Tanumbirini 2H.

Table 3: Drilling fluid details for Tanumbirini 2H

Hole/Bit Size		**17-1/2”**
Interval		**32.9m – 235.7m**
Drilling Fluid	Mud Type	KCL/Polymer
	Mud Weight	8.85 – 8.9
	Funnel vis	99 – 103
	PV	31 – 33
	YP	39 – 41
	pH	9.5 – 10.0
	API fluid loss	5.7 – 6.0
	Chlorides	24400
	KCL %	5
Hole/Bit Size		**12-1/4”**
Interval		**235.7m – 1082m**
Drilling Fluid	Mud Type	KCL/Polymer
	Mud Weight	9.1 – 9.4
	Funnel vis	57 – 71
	PV	15 – 27
	YP	26 – 34
	pH	9.0 – 9.3
	API fluid loss	4.0 – 6.2
	Chlorides	29000 – 38000
	KCL %	5.5 – 8.0
Hole/Bit Size		**8-1/2”**
Interval		**1082m – 2945m**
Drilling Fluid	Mud Type	KCL/Polymer
	Mud Weight	10 – 10.2
	Funnel vis	47 – 83
	PV	14 – 32
	YP	25 – 39
	pH	9.0 – 9.7
	API fluid loss	3.6 – 5.0
	Chlorides	37000 – 48000
	KCL %	7.2 – 8.0
Hole/Bit Size		**8-1/2”**
Interval		**2945m – 3844m**
Drilling Fluid	Mud Type	BaraHib Plus
	Mud Weight	10.1 – 10.2
	Funnel vis	54 – 73
	PV	20 – 26
	YP	30 – 48
	pH	9.1 – 9.7
	API fluid loss	4.4 – 5.0
	Chlorides	68000 – 85000
	KCL %	8.0 – 8.2

The following table summarises drilling fluid details for Tanumbirini 2H ST1.

Table 4: Drilling fluid details for Tanumbirini 2H ST1.

Hole/Bit Size		**6-1/8"**
Interval		**3347m – 4598m**
Drilling Fluid	Mud Type	BaraHib Plus
	Mud Weight	11.0 – 11.7
	Funnel vis	54 – 67
	PV	21 – 30
	YP	30 – 41
	pH	9.0 – 9.8
	API fluid loss	4.0 – 5.0
	Chlorides	59000 – 95000
	KCL %	7.8 – 8.7

4 Geology

4.1 Formation Tops

The following table summarises formation tops for Tanumbirini 2H ST1.

Table 5: Formation tops

FORMATION	**FORMATION TOPS**				
	ACTUAL TOP		**High / Low**	**PROGNOSED TOP**	
	(MDmRT)	**(TVDmSS)**	**Prognosis**	**(MDmRT)**	**(TVDmSS)**
Tanumbirini 2H ST1					
Surficial Deposits	8.7	214.9	-	8.7	214.9
Gum Ridge Formation	52.0	171.6	11.6 H	63.6	160.0
Inacumba Unit	200.3	23.3	3.3 H	203.6	20.0
Cox Formation	582.8	-359.2	0.8 H	583.6	-360.0
Bukalara Sandstone	1152.7	-929.0	1.0 H	1153.6	-930.0
Bukalorkmi Sandstone	1155.6	-931.9	NP	NP	NP
Kyalla Formation	1304.3	-1080.6	5.6 L	1299.0	-1075.0
Lower Kyalla	1826.4	-1602.6	1.4 H	1828.0	-1604.0
Moroak Sandstone	2074.9	-1851.1	4.1 L	2071.0	-1847.0
Wyworrie Member (VELK)	2642.2	-2418.6	3.4 H	2646.0	-2422.0
Amungee Member (VELK)	3156.5	-2917.8	3.2 H	3162.0	-2921.0
Total Depth	4598.0	-3223.2	-	4867.0	-3244.0

4.2 Reservoir and Prospective Horizons

The Tanumbirini 2H prospect is defined as an unconventional shale play, the Amungee Member target formation is a 4-way syncline i.e., a basin, with no conventional up-dip traps apparent, therefore the low permeability source rock is the target and hydrocarbon migration, and trap geometry are not considered.

Prospects/plays defined as unconventional shale require reservoir parameters to be characterised using tight rock analysis (TRA) e.g., retort saturations, pulse-decay perm; geochemical analysis e.g., SRA, desorption, adsorption isotherms and organic petrology; and other supporting analyses such as mineralogy (XRD/XRF) and rock mechanics. The Amungee Mbr shale intervals or reservoir units are the most prospective target in EP 161. The B Shale ranks highest with similar thickness to the C Shale, but slightly better reservoir properties with respect the reservoir quality (RQ) and completion quality (CQ).

5 Formation Sampling

5.1 Drill Cuttings

The following tables summarises drilling cuttings samples for Tanumbirini 2H and Tanumbirini 2H ST1.

Table 6: Drilling cuttings samples for Tanumbirini 2H

DEPTH INTERVAL (m)	SAMPLING INTERVAL IN (m)	REMARKS
32.9 – 40	7.1	WBM drilling
40 – 1270	10	WBM drilling
1270 – 2860	3	WBM drilling
2860 – 3095	5	WBM drilling
3095 – 3788	3	WBM drilling
3788 – 3838	5	WBM drilling
3838 – 3844	6	WBM drilling

Table 7: Drilling cuttings samples for Tanumbirini 2H ST1

DEPTH INTERVAL (m)	SAMPLING INTERVAL IN (m)	REMARKS
3333 – 4598	3	WBM drilling

Detailed drill cuttings lithological descriptions are enclosed in Appendix 2.

5.2 Mud gas

A total of 67 Iso-Tubes were collected on Tanumbirini 2H and 19 Iso-Tubes collected on Tanumbirini 2H ST1. No onsite gas composition analysis was performed. A detailed summary of samples is enclosed in Appendix 3.

5.3 XRF Sampling

X-ray Fluorescence Spectroscopy (XRF) sampling was conducted from 1090m to 3844m on Tanumbirini 2H and from 3351m to 4598m on Tanumbirini 2H ST1. A detailed summary of samples are enclosed in Appendix 3.

6 Formation Evaluation

6.1 Mudlogging

Halliburton provided mudlogging services for the drilling of Tanumbirini 2H / Tanumbirini 2H ST1. This included conventional mudlogging, real time data monitoring, drilling analysis, and XRF sample analysis. Mudlogging data is enclosed in Appendix 4.

Mudlogging services were provided by Halliburton Unit 9900070 with the following parameters monitored:

1. Total Gas
2. Chromatographic Gas Breakdown (Chromatograph: C1-C5 in 60 seconds)
3. Hydrogen Sulphide Levels (3 sensors)
4. Depth/Rate of Penetration.
5. Pipe Speed/Block Position
6. Top drive RPM
7. Top drive Torque
8. Hook Load/Weight on Bit
9. Standpipe Pressure
10. Mud Pump Rate (2 pumps)
11. Mud Pit Levels (13 pits including 2 on the trip tank)
12. Mud flow paddle
13. CO_2 detection

6.2 MWD/LWD Logging

Logging While Drilling (LWD) data was acquired by Halliburton. LWD services consisted of:

- Gamma Ray and Directional in the 12-1/4” hole section from 238.6m to 1082.0m,
- Gamma Ray, Directional and Pressure While Drilling in the 8-1/2” hole section from 1082.0m to 2483m,
- Gamma Ray, Azimuthal Gamma Ray, Directional, Sonic and Pressure While Drilling in the 8-1/2” hole from 2483.0m to 2562.0m,
- Gamma Ray, Directional and Pressure While Drilling in the 8-1/2” hole section from 2562.0m to 2655m,
- Gamma Ray, Azimuthal Gamma Ray, Directional, Sonic and Pressure While Drilling in the 8-1/2” hole from 2655.0m to 3844.0m,
- Gamma Ray, Azimuthal Gamma Ray, Directional, Sonic and Pressure While Drilling in the Tanumbirini 2H ST1 6-1/8” hole from 3349.0m to well total depth at 4598m.

Field data, log displays and deviation surveys are enclosed in Appendix 5.

Table 8: MWD/LWD run details

LOG (LWD)	SUITE/ RUN	INTERVAL (m)	COMMENTS
TANUMBIRINI 2H			
LWD/MWD	1 / 1	238.6 – 397.0	GR-D&I; 12-1/4" Section
LWD/MWD	1 / 2	397.0 – 1082.0	GR- D&I; 12-1/4" Section
LWD/MWD	1 / 3	1082.0 – 1082.0	GR- D&I -PWD; 8-1/2" Section (BHA blockage)
LWD/MWD	1 / 4	1082.0 – 1555.0	GR- D&I -PWD; 8-1/2" Section
LWD/MWD	1 / 5	1555.0 – 1840.0	GR- D&I -PWD; 8-1/2" Section
LWD/MWD	1 / 6	1840.0 – 2084.0	GR- D&I -PWD; 8-1/2" Section
LWD/MWD	1 / 7	2084.0 – 2281.0	GR- D&I -PWD; 8-1/2" Section
LWD/MWD	1 / 8	2281.0 – 2285.0	GR- D&I -PWD; 8-1/2" Section
LWD/MWD	1 / 9	2285.0 – 2348.7	GR- D&I -PWD; 8-1/2" Section
LWD/MWD	1 / 10	2348.7 – 2483.0	GR- D&I -PWD; 8-1/2" Section
LWD/MWD	1 / 11	2483.0 – 2562.0	RSS-GR-AzGR-D&I-PWD-SON; 8-1/2" Section
LWD/MWD	1 / 12	2562.0 – 2655.0	GR- D&I -PWD; 8-1/2" Section
LWD/MWD	1 / 13	2655.0 – 3026.0	RSS-GR-AzGR-D&I-PWD-SON; 8-1/2" Section
LWD/MWD	1 / 14	3026.0 – 3026.0	RSS-GR-AzGR-D&I-PWD-SON; 8-1/2" Section (SPP Drop)
LWD/MWD	1 / 15	3026.0 – 3844.0	RSS-GR-AzGR-D&I-PWD-SONIC; 8-1/2" Section
LWD/MWD	1 / 16	3844.0 – 3844.0	GR- D&I -PWD; 8-1/2" Section (Wiper Trip)
TANUMBIRINI 2H ST1			
LWD/MWD	1 / 17	3349.0 – 4598.0	RSS-GR-AzGR-D&I-PWD-SONIC; 6-1/8" Section

6.3 Wireline Logging

No wireline logging was conducted on Tanumbirini 2H / Tanumbirini 2H ST1.

6.4 Hydrocarbon Indications

6.4.1 Gas detection whilst drilling

Gas levels were monitored from the surface to TD, using an FID total gas detector and FID chromatograph. Total gas was monitored in gas units (1unit = 200ppm methane equivalent in air) and the chromatograph was calibrated to measure ppm (parts per million) concentrations of the alkane gasses methane, ethane, propane, butane, and pentane.

A summary of Gas detection whilst drilling is enclosed in Appendix 6.

LIST OF ABBREVIATIONS

ADR	Automated Drilling Rig
AHD	Australian Height Datum
API	American Petroleum Institute
ASCII	American Standard Code for Information Interchange
Azi, AZI	Azimuth
bbls	Barrels (unit of volume = 42 US gallons)
BHA	Bottom Hole Assembly
BG	Background Gas
BU, B/U	Bottoms Up
CAL	Caliper
CAST	Circumferential Acoustic Scanning Tool
CBL	Cement Bond Log
CBU	Circulate Bottoms Up
CG	Connection Gas
CSV	Comma Separated Values ASCII file (*.csv)
CO2	Carbon Dioxide
D&I	Direction and Inclination
DEN	Density
DLL	Dual Lateral Log
ECD	Effective Circulating Density
EMW	Equivalent Mud Weight
EP	Exploration Permit
FG	Formation Gas
FID	Flame Ionization Detector
FIT	Formation Integrity Test
Ftklb, ft-klb	Foot kilo pounds (measurement of torque)
GEM	Gamma Elemental Minerology
GL	Ground Level
gpm	US gallons per minute
GR/AzGR	Gamma Ray/Azimuthal Gamma Ray
hi vis	High Viscosity Mud Sweep
hrs	Hours
HSE	Health, Safety and Environment
IL	InLine
KCl	Potassium Chloride
Klbs	Kilo pounds
LAS	Log ASCII Standard data file (*.LAS)
LOT	Leak Off Test
MWD/LWD	Measurement and Logging While Drilling
MFT	Pressure testing wireline tool
mMDRT	Measured Depth Below Rotary Table (rig floor) in metres
MSFL	Micro Spherical Focused Log
MSL	Mean Sea Level (AMSL – above mean sea level)
mTVDRT	True Vertical Depth Below Rotary Table (rig floor) in metres
NB	New Bit
Neut	Neutron
NP	Not Prognosed
PBTD	Plugged Back Total Depth
PDC	Polycrystalline Diamond Cutters
PDF	Portable Document Format
pH	Potential Hydrogen
PJSM	Pre Job Safety Meeting
POOH, POH	Pull Out Of Hole (trip out)
ppg	pounds per gallon (measurement of mud density)
psi	pounds per square inch
PWD	Pressure While Drilling
QGM	Quantitative Gas Measurement
RES	Resistivity
RIH	Run in hole
RPM	Revolutions per minute
ROP	Rate of Penetration
RR	Re-run
RSS	Rotary Steerable System
RQ	Reservoir Quality
SDL	Surface Data Logging (Mudlogging)
SGR	Spectral Gamma Ray
SON	Sonic
SP	Spontaneous Potential
SPP	Stand Pipe Pressure
SRA	Source Rock Analysis
SS	Subsea
ST	Side Track
SWC	Sidewall Cores
TCI	Tungsten Carbide Insert
TD	Total Depth
TG	Trip Gas
TOC	Total Organic Content

TRA	Tight Rock Analysis
TVD	True Vertical Depth
TVT	Total Vertical Thickness
UBD	Underbalanced Drilling
VSP	Vertical Seismic Profile
WBM	Water based mud
WOB	Weight on bit
XL	Xline
XO,X/O	Cross over
xLOT	Extended Leak Off Test
XRD	X-Ray Diffraction
XRF	X-Ray Fluorescence
XRMI	X-tended Range Micro Imager
YP	Yield Point