

Total Volume = 2192.80 F3 (assuming 5.50 IN casing O.D.)
 Computed from 8975.0 FT to 5313.0 FT using data channel(s) CALI

OP System Version: 9C1-303						
MCM			OP91-kp2			
B-DBB	OP91-kp2		SRT-C	OP91-kp2		
D	OP91-kp2		CNT-G	OP91-kp2		
L	OP91-kp2		TCC-BF	OP91-kp2		
	OP91-kp2					
Changed Parameter Summary						
OLIS Name	New Value	Previous Value	Depth & Time			
DEN	2.71 G/C3 2.71 G/C3 2.71 G/C3 2.71 G/C3 2.68 G/C3	2.68 G/C3 2.71 G/C3 2.71 G/C3 2.71 G/C3 2.71 G/C3	8975.0 16:57:00 8800.0 16:57:11 7780.0 16:57:38 6340.0 16:58:16 5680.0 16:58:33			
PIP SUMMARY						
	<ul style="list-style-type: none"> - Integrated Hole Volume Minor Pip Every 10 F3 - Integrated Hole Volume Major Pip Every 100 F3 <ul style="list-style-type: none"> - Integrated Cement Volume Minor Pip Every 10 F3 - Integrated Cement Volume Major Pip Every 100 F3 					
ime Mark Every 60 S						
ered Mud Resistivity from Deep Meas. (HRM) (OHMM)	0.2	Calibrated Downhole Force (CDF) (LBF) -200 1800				
Washout From BS to CALI		Tool/Tot. Drag From D3T to STIA	0.2	Micro SFL Resistivity (MSFL) (OHMM)		2000
Gamma Ray (ECGR) (GAPI)	120	Cable Drag From STIA to STIT	0.2	HILT/HALS True Resistivity (HART) (OHMM)		2000
Caliper (CALI) (IN)	16	Stuck Stretch (STIT) 0 (F) 50	0.2	Laterolog Shallow Resistivity (HLLS) (OHMM)		2000
Bit Size (BS) (IN)	18	Tension (TENS) (LBF) 0 8000	0.2	Laterolog Deep Resistivity (HLLD) (OHMM)		2000

1200
1300
1400
1500
1600
1700

1532° / S° N 42° E, -148° 40° W: 13° E: 13°

The figure consists of a grid with a vertical axis on the right side. The vertical axis has numerical labels: 1800, 1900, 2000, 2100, 2200, 2300, and 2400. A vertical dotted line is positioned at the value 1800. Three horizontal lines represent data series: a solid line at approximately 1870, a dashed line at approximately 2080, and another solid line at approximately 2120.

CHINOOK @ 2499 MD
2224 TUN
- 3238 USI
S 241
W 142
HD 242

2500 2600 2700 2800 2900 3000 3100

3200

3300

3400

3500

3600

3700

RIO BRAVO
3541 MD
3408 740
-3358 VLS
S 658
W 126
MD 780

A graph with a vertical dotted line at approximately 4050 and three horizontal dashed lines at 4100, 4300, and 4400.

This figure displays two vertical seismic reflection profiles (VSPs) and associated borehole data logs. The left column shows the 'PALEOGREDA' profile, and the right column shows the 'MOGOLLON' profile. Each column includes a borehole data log at the top and a seismic reflection profile below it.

PALLEGREDA Log:

- Top section: Borehole data log with depth markers at 5100', 5200', 5300', 5400', 5500', and 5600'. Annotations include STIA, STIT, HRM, ECCR, CALI, TENSOR, STA, and MSFL.
- Middle section: A seismic reflection profile labeled "Last Reading".
- Bottom section: A seismic reflection profile labeled "Casing @ 5308 ft".

MOGOLLON Log:

- Top section: Borehole data log with depth markers at 5569', 5248', 5198', 5148', and 5200'. Annotations include STIA, STIT, HRM, ECCR, CALI, TENSOR, STA, and MSFL.
- Middle section: A seismic reflection profile.
- Bottom section: A seismic reflection profile labeled "Last Reading".

Annotations:

- PALLEGREDA Log:
 - 1834' TD
 - 4789' VS
 - S 1142'
 - W 696'
 - HD 1233'
- MOGOLLON Log:
 - 5569' MD
 - 5248' TVD
 - 5198' USS
 - S 1264'
 - W 773'
 - HB 2110'

SPN CRISTOBAL @ G327 MD

5931 TCD
5889 VS
S 1526 L001
W 422
1826 HD

TENS

STIA STIT

SP SC

5800
5900
6000
6100
6200
6300
6360

ECGR

CALI

BS

HLLS
HLLG
HLLD

6400
6500
6600
6700
6800
6900
7000

SP SC

TENS

STIA
STII

ECGR

CALI

CDF

HLLS

HLLG

HLLD

LC01

7100

7200

7300

7400

7500

7600

7700

This figure displays a geological log with seismic reflection profiles on the left and right sides, and a detailed borehole log in the center.

Seismic Reflection Profiles:

- Left Column:** Shows seismic reflection profiles from approximately 7800' to 8300'. Key features include a prominent reflection at ~7920' labeled "WOB at 7925' -7304'", and a reflection at ~8040' labeled "8040' (600 ft)".
- Right Column:** Shows seismic reflection profiles from approximately 7780' to 8260'. Key features include a reflection at ~7800' labeled "7780' MD -7180.55", and a reflection at ~8260' labeled "8260' -7596' HD".

Borehole Log (Center):

- Upper Basal Salina:** Depth range 7900' to 8040'. Includes data points:
 - 7902' MD
 - 7934' TUD
 - 7284' USS
 - S. 2144
 - W. 1906
 - 2586 HD
 - Not Sand 13'(10')
 - Not Pay 46'(91')
 - 2990' A10 -7360' V.F.
- Blue Upper Basal Salina:** Depth range 8040' to 8260'. Includes data points:
 - 8076' MD
 - 7989' TUD
 - 7434' USS
 - HD 2669
 - J. S. 2218 W. 1455
- Bottom:** Includes data points:
 - 8260' - 7596' HD
 - 8257' HD
 - MMS Not B. for HD
 - S. 2390
 - W. 1505

BS

SP (SP_SC)
(MV)

TENS

STIA
STIT

CDF

ECGR
CALI

FR_SC

FR_SP

FR_CALI

8400

8500

8600

8700

8800

8900

9000

8362

Stuck
Stretch
Laterolog

Bit Size (BS)
(IN)

0 20 40 60 80 100 120 140 160

0 2000 4000 6000 8000 10000

0 500 1000 1500 2000 2500 3000 3500 4000

0 50 100 150 200 250 300 350 400

8400 8500 8600 8700 8800 8900 9000 8362

LOWER BACH SALINA

8525 MD

7887 TVD

7837 VS.

S 2384

W 1568

MD 2870

PG50 - BG50 A zone II

8830 - 8840 A zone II

LC01

HLLS

HLLG

HLLD

FTD: 9040

Poly 9000-9010 A zone II

8362 TVD