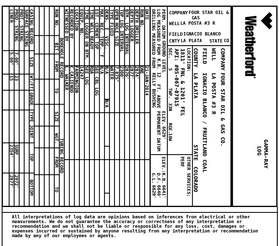

All interpretations of log data are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretation and we shall not be liable or responsible for any loss, cost, damages or expenses incurred or sustained by anyone resulting from any interpretation or recommendation made by any of our employees or agents.

RUN/PASS	Rig: RIG #10	Service Order # 77522356
- LOG WAS CORRELATED TO WEATHERFORD CBL LOG - 5' - LINED TOP WAS FOUND AT 2254		RKB ft/A: 'F
		Prints: 3

TOOLS RUN FOR CASED/OPEN WATERFLOOD SURVEYS, PERFORATING OR PRESSURE/TEST

EQUIPMENT DATA					
Bit Size	TJ Size	Run No.	Tool Type	Tool No.	Other
No. Blades	Gauge Over	ONE	CCL	1178	
Surface Pressure		ONE	CTEN	1178	
Shut In	Flowing	ONE	GRRA	232	

DEPTH SCALE: **5':100'** PROCESSED VERSION: **2012.07.18.162'**

MAIN PASS

77522356 GRMF

FINISH DEPTH: **2263.0** Feet DIRECTION: **UP** DATE: **01/21/2014** TIME: **13:21** MODE: **ORIGINAL**

Collar Locator
1860.0 Millivolts 140.0

Gamma Ray
0 API 200.0

Tension
-500 LBF 1500

2300
2400
2500
2600
2700
2800
2900

Gamma Ray
0 API 200.0

Tension
-500 LBF 1500

Collar Locator
1860.0 Millivolts 140.0

START DEPTH: **2981.4** DIRECTION: **UP** DATE: **01/21/2014** TIME: **13:20** MODE: **ORIGINAL**

77522356 GRMF

MAIN PASS

DEPTH SCALE: **5':100'** LOGGED VERSION: **2012.07.18.162'**

DEPTH SCALE: **5':100'** PROCESSED VERSION: **2012.07.18.162'**

MAIN PASS

77522356 GRAF

FINISH DEPTH: **2632.4** Feet DIRECTION: **UP** DATE: **01/21/2014** TIME: **13:21** MODE: **ORIGINAL**

Collar Locator
1860.0 Millivolts 140.0

Gamma Ray
0 API 200.0

Tension
-500 LBF 1500

2700
2800

Gamma Ray
0 API 200.0

Tension
-500 LBF 1500

Collar Locator
1860.0 Millivolts 140.0

START DEPTH: **2981.0** DIRECTION: **UP** DATE: **01/21/2014** TIME: **13:21** MODE: **ORIGINAL**

77522356 GRAF

MAIN PASS

DEPTH SCALE: **5':100'** LOGGED VERSION: **2012.07.18.162'**

1 7/16 Adapter Head

Weight	2.2 LB.
Length	2.54
Max. Diameter	1.44 IN.

Total Stack Weight 223.0 LBS. in air
Total Stack Length 27.93 FT.

Collar Locator

Weight	39.0 LBS.
Length	3.40 FT.
Max. Diameter	2.75 IN.

Slim Hole Gamma Ray

Weight	35.0 LBS.
Length	4.71 FT.
Max. Diameter	2.750 IN.

1.95 in. dia.
(4.95 cm)
1.44 in. dia.
(3.66 cm)
2.750 in. dia.
(6.985 cm)
CCL 23.57 FT.
2.750 in. dia.
(6.985 cm)
GR 19.07 FT.

COMPANY FOUR STAR OIL & GAS CO.
WELL LA POSTA #3 R
FIELD IGNACIO BLANCO / FRUITLAND COAL
COUNTY LA PLATA STATE COLORADO

Weatherford