

P R O D U C T I O N C A S I N G R E P O R T

Prepared for
Argentia Corporation

State #2-30
NW/NW Sec. 30, T9S, R56W
Lincoln County, Colorado
Rubicon Field

Prepared by
J. C. Borla, Jr.
Consulting Engineer
Borla Engineering, Inc.

Argentia Corporation
 PRODUCTION CASING REPORT
 State #2-30
 NW/NW Sec. 30, T9S, R56W
 Lincoln County, Colorado
 Rubicon Field

WELL DATA :

K.B. Elevation - 5420'; G.L. Elevation - 5410'
 Surface Casing: 8 5/8", 24.0 lb./ft., 222' K.B.
 Driller's T.D. - 4911'; Logger's T.D. - 4912'
 Open hole logs run: DIFL, CDL-CN-GR

PROPOSAL:

Production casing will be run and cemented by Halliburton Services.

PROCEDURE:

March 11, 1985 (Monday):

- 3:00 pm - Gibson Rig #93 tripped in well with drill pipe.
- 4:00 pm - Circulated well while unloading casing.
- 5:30 pm - Laying down drill pipe and drill collars.
- 8:30 pm - Cellar work, remove B.O.P. and install casing head.
- 10:45 pm - Pick up 5 1/2" shoe joint, install Halliburton float equipment:

Guide shoe-----	4812'	
Insert float & centralizer-----	4897'	
Centralizers @-----	4857'	
	4824'	
	4792'	
	4750'	
	4719'	
	4657'	
	4594'	
Roto wall scratchers @-----	4735'	- 4745' = 10'
	4755'	- 4785' = 30'
	4820'	- 4850' = 30'
	4862'	- 4892' = 30'

March 12, 1985 (Tuesday):

- 2:15 am - Casing tagged T.D., prepared to circulate with rig's mud pump.

PROCEDURE (March 12, 1985 - Cont'd):

- 3:00 am - Broke circulation, Halliburton ball required 1500 psi to pump through fillup tube.
- 3:30 am - Halliburton rigged up to cement production casing:
- a) Pumped 10 bbls. fresh water.
 - b) Pumped 12 bbls. mud flush and released bottom wiper plug.
 - c) Pumped 5 bbls. fresh water.
 - d) Mixed 185 sacks of Class 'G' cement containing 10% salt and 20% SSA-1 (silica flour). First 25 sacks used as scavenger cement, mixed @ 12.0 lbs./gal., 165 sacks mixed @ 15½ lbs./gal., 1.40 cu.ft./sack, 41 bbls. of slurry.
 - e) Washed displacement line clean to the rig floor.
 - f) Released top plug, displaced cement with 118 bbls. of water, first 20 bbls. mixed with 2% KCL.
 - g) The plug bumped the insert float @ 4:15 am, held 1500 psi pressure, released pressure and float did not hold; rebumped plug, released again - float appears to be seeping only slightly so instructed rig crew to shut well in for eight hours before cutting off casing. Rig crew will release pressure every two hours to relieve heat expansion, thus eliminating micro-annulus in cement bonding.
 - h) The casing head slips were set and the rig was released at 1200 hours.

Casing inventory:

131 joints delivered to location from ATSCO-----	4914.22'	(threads off)	
5 joints transferred from State #1-30-----	<u>181.39'</u>	"	"
	5095.61'		
Shoe joint-----	15.05'	"	"
49 joints 15.5 lb./ft. Rge. 2 & 3-----	1592.99'		
80 joints 14.0 lb./ft. Rge. 2 & 3-----	<u>3311.13'</u>		
130 joints run, tagged 6' above K.B.-----	4919.17'		
6 joints transferred to State #3-30:			
1 shoe joint-----	15.57'	"	"
1 landing joint-----	19.62'	"	"
4 joints 14.0 lb./ft. 5½" casing-----	<u>141.25'</u>	"	"
	176.44'		

J. C. Borla, Jr.
 Consulting Engineer



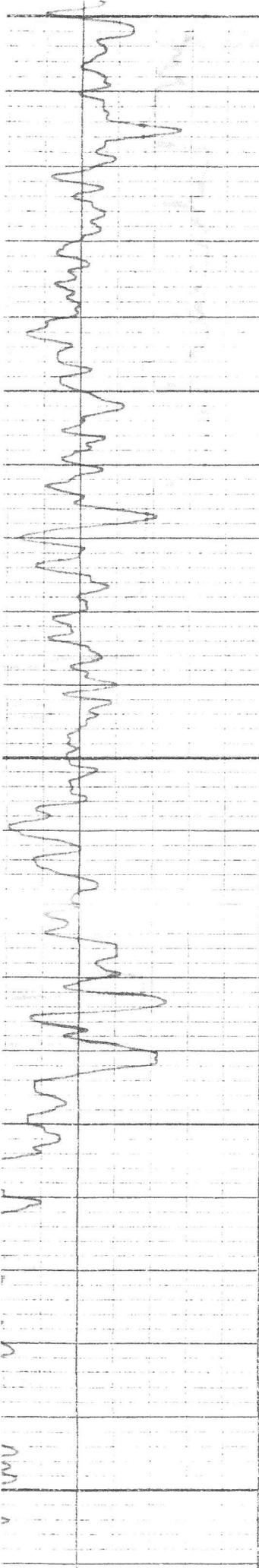
O.W.P.

**ACOUSTIC CEMENT BOND -
GAMMA RAY LOG**

COMPANY ARGENTIA CORP. WELL STATE NO. 2 - 30 FIELD RUBICON County LINCOLN State COLORADO File	COMPANY	ARGENTIA CORPORATION	
	WELL	STATE NO. 2 - 30	
	FIELD	RUBICON	
	COUNTY	LINCOLN	STATE COLORADO
	Location	NW - NW	
Sec. 30	Twp 9S	Rge 56W	Other Logs
Permanent Datum	GROUND LEVEL		Elev. 5410
Log Measured From	KELLY BUSHING, 10' ABOVE GROUND		KB. 5420
Drilling Measured From	KELLY BUSHING		DF. _____
			GL. 5410

Type Log	CBL - 1/R		
Run No.	ONE		
Date	3-18-85		
Total Depth Driller	4913		
Present Depth Driller	4895		
Total Depth O.W.P.	4887		
Survey Begins	4883		
Survey Ends	4000		
Truck No.	545		
Location	BRIGHTON		
Type Fluid in Hole	WATER		
Salinity PPM Cl			
Weight lb./gal.			
Fluid Level	PULL		
Max. Hole Temp.	155° F.		
Recorded By	HILGINS		
Witnessed By	MR. JOE BOELA		

BORE HOLE RECORD				CASING RECORD			
Run	Bit	From	To	Size	Wat.	From	To
	12 1/4	SURFACE	222	8 5/8	24#	SURFACE	222
	7 7/8	222	4913	5 1/2	15.5#	SURFACE	4911



4100

4200

4300

