

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.

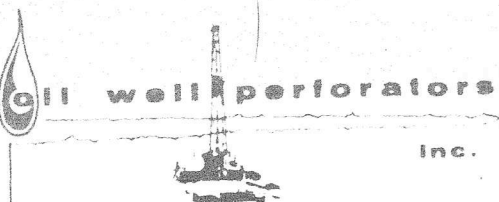
PROCEDURE (March 12, 1985 - Cont'd):

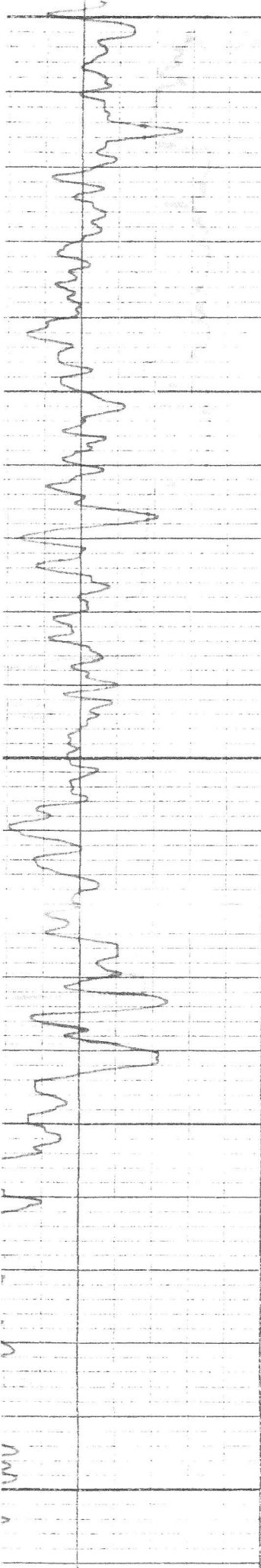
- 3:00 am - Broke circulation, Halliburton ball required 1500 psi to pump through fillup tube.
- 3:30 am - Halliburton rigged up to cement production casing:
- Pumped 10 bbls. fresh water.
 - Pumped 12 bbls. mud flush and released bottom wiper plug.
 - Pumped 5 bbls. fresh water.
 - Mixed 185 sacks of 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.
 - Washed displacement line clean to the rig floor.
 - Released top plug, displaced cement with 118 bbls. of water, first 20 bbls. mixed with 2% KCL.
 - 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.
 - 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-----	181.39'	"	"
	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-----	3311.13'		
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-----	141.25'	"	"
	176.44'		

J. C. Borla, Jr.
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		<h1 style="margin: 0;">O.W.P.</h1> <h2 style="margin: 0;">ACOUSTIC CEMENT BOND— GAMMA RAY LOG</h2>																																																																																						
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 Elevation	Other Logs Permanent Datum GROUND LEVEL Elev. 5410 Log Measured From KELLY BUSHING, 10' ABOVE GROUND Drilling Measured From KELLY BUSHING KB. 5420 DF. GL. 5410																																																																																						
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