

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
August 1, 2011

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-38500
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Sidewinder
8. Well Number 1H
9. OGRID Number 217955
10. Pool name or Wildcat WC; Bone Spring
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2889' GR

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator COG Operating LLC	
3. Address of Operator One Concho Center, 600 W. Illinois Ave. Midland, TX 79701	
4. Well Location Unit Letter 1 : 480 feet from the S line and 480 feet from the W line Section 32 Township 26S Range 29E NMPM County Eddy	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2889' GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1. MIRU plugging equipment. Dig out cellar. ND wellhead. NU BOP. POH w/ production equipment.
2. RIH and set 5 1/2 CIBP @ 6300'. Circulate hole w/ mud laden fluid. Pressure test casing. Spot 25 sx cement on top of CIBP 6300-6200.
3. Spot 25 sx cement @ 3450-3350.
4. Pull stretch and cut and POH 5 1/2 casing. (+/- 2600').
5. Spot 65 sx cement @ 2650-2525. WOC & Tag. (stub & shoe)
6. Spot 65 sx cement @ 510-410. WOC & Tag (shoe)
7. Spot 100' surface plug.
8. Cut off wellhead and weld on Dry Hole Marker.

Approved for plugging of well bore only.
Liability under bond is retained pending receipt
of C-103 (Subsequent Report of Well Plugging)
which may be found at OCD Web Page under
Forms, www.emnrd.state.nm.us/oed.

well must be plugged by 5/22/2016

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Benn Montgomery TITLE Agent DATE 5-1-15

Type or print name Benn Montgomery E-mail address: benn@bennandassociates.com PHONE: 432-580-7161
For State Use Only

APPROVED BY: [Signature] TITLE District Supervisor DATE 5/22/2015

Conditions of Approval (if any):

See Attached COAs

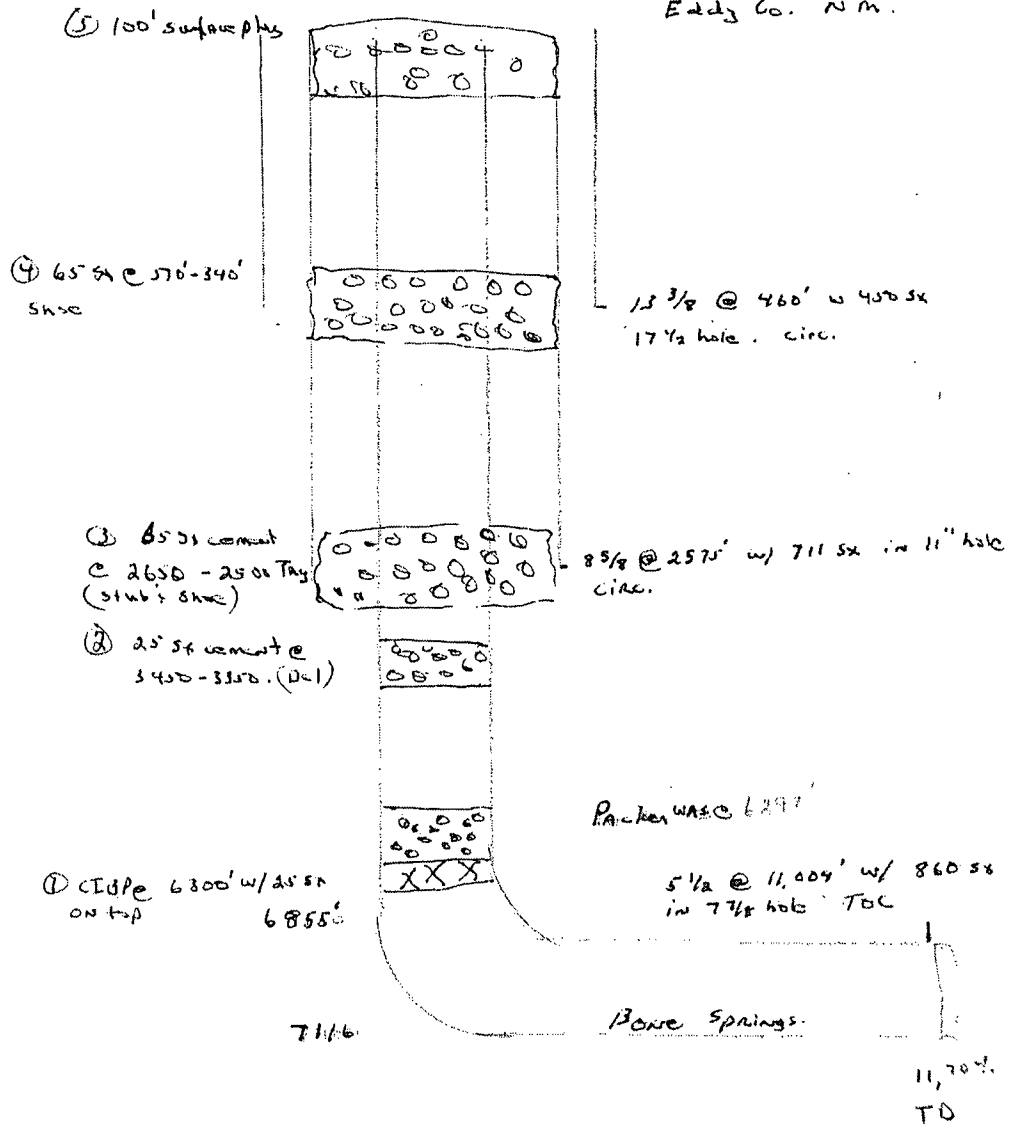
COG Operating LLC

Sidewinder #1 H

30-015-38500

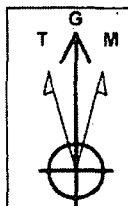
1-32-265-27E

Eddy Co. NM.





Project: Eddy County (NAD27)
Site: Sidewinder
Well: #1H
Wellbore: OH
Plan: Plan #1 (#1H/OH)



Azimuths to Grid North
True North: -0.17°
Magnetic North: 7.64°

Magnetic Field
Strength: 48513.5nT
Dip Angle: 69.83°
Date: 01/14/2011
Model: IGRF200510

PATHFINDER

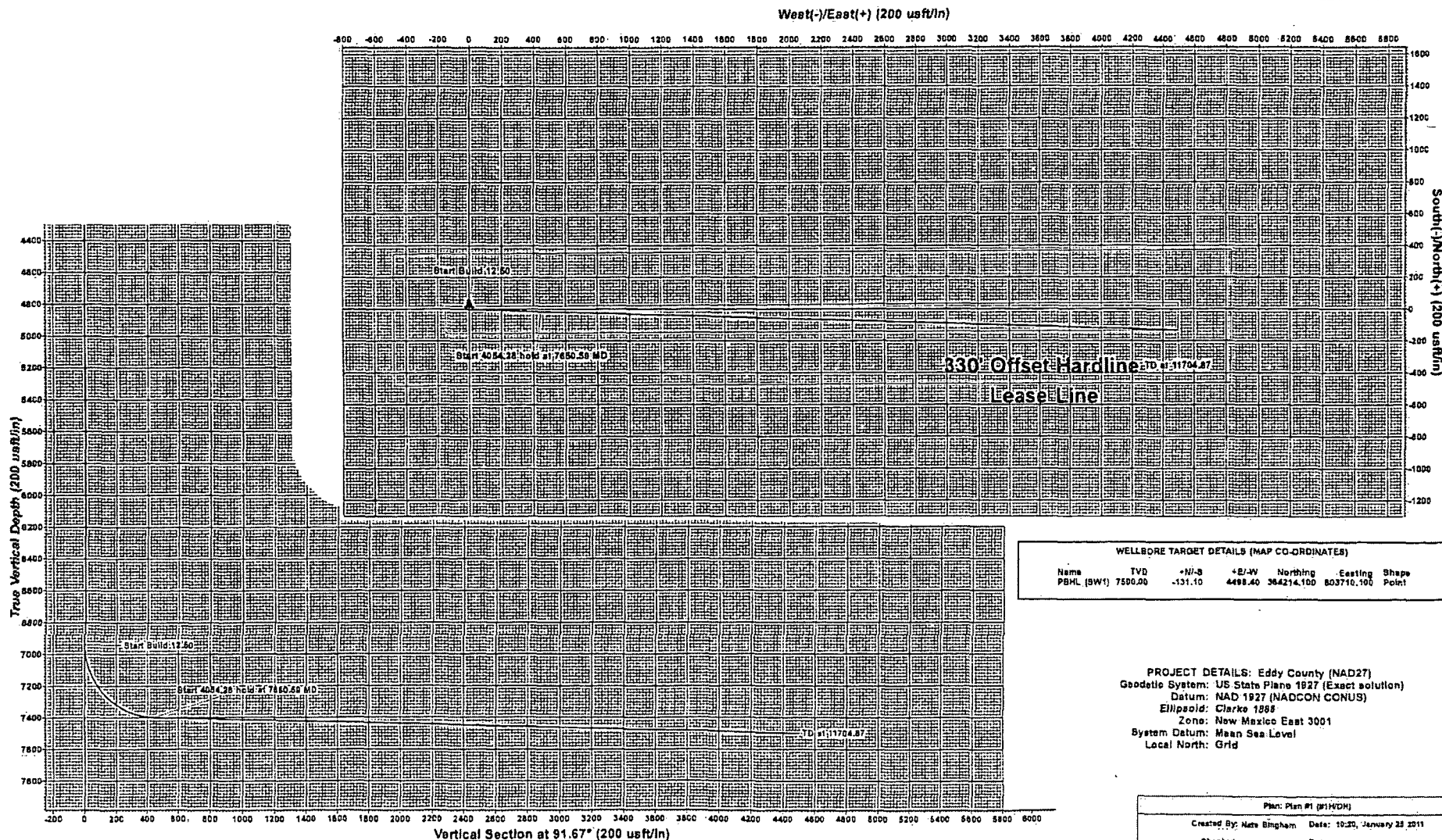
A Schlumberger Company

WELL DETAILS: #1H

Ground Elevation: 2889.00
RKB Elevation: Silver Oak #11 @ 2808.00usft (Original Well Elev)
Rig Name: Original Well Elev

+N-S	+E-W	Northing	Easting	Latitude	Longitude	Spot
0.00	0.00	354348.20C	599211.70D	32° 0' 4.681 N	104° 0' 47.931 W	

SECTION DETAILS									
MD	Inc	Azi	TVD	+N-S	+E-W	Oleg	TFace	VSeal	Target
0.00	-0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6941.60	0.00	-0.00	6941.60	0.00	0.00	0.00	0.00	0.00	
7650.59	88.58	81.67	7400.00	-13.03	447.07	12.50	91.67	447.26	
11704.87	88.59	91.67	7489.76	-131.16	4488.40	0.00	0.00	4500.31	PBHL (SW1)



HALLIBURTON

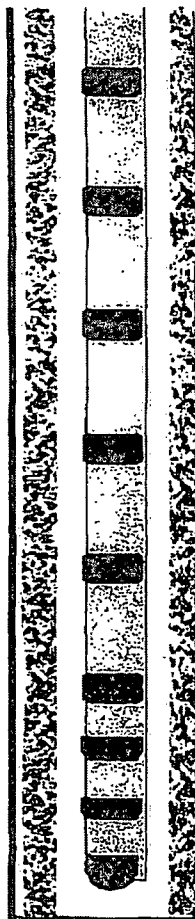
OGX Resources

Sidewinder #1H
Eddy County NM
12-Jul-11

TOOLS - JUSTIN BERRY
Company Rep Jeff Birkelbach
Sales Rep Lynn Talley
Office 432-682-4305

Installation		Depth		Length		Jts	Description	OD	ID	Rate
Installation		Depth		Length		Jts	Description	OD	ID	Thru
		-5.03	3009.36			80	8 5/8" 32# Casing Shoe @ 2,575'			
		3004.33	3.10				5 1/2" 17# P-110 8rd. LTC C	5.500	4.892	
		3007.43	3083.86			82	5 1/2" 14-17# 8rd. LTC FO C	6.665	4.907	
		6091.29	36.88			1	5 1/2" 17# P-110 8rd. LTC Casing In Vertical Section			
		6128.17	1065.54			28	5 1/2" 17# P-110 Crossover Joint			
							5 1/2" 17# P-110 Buttress Casing			
		7193.71	3.70				5 1/2" Delta Stim Sleeve Lite	6.500	4.400	100
		7197.41	191.61			5	5 1/2" 17# P-110 Buttress Casing			
		7389.02	3.70				5 1/2" Delta Stim Sleeve Lite	6.500	4.198	100
		7392.72	190.55			5	5 1/2" 17# P-110 Buttress Casing			
		7583.27	3.70				5 1/2" Delta Stim Sleeve Lite	6.500	4.005	100
		7586.97	189.74			5	5 1/2" 17# P-110 Buttress Casing			
		7776.71	3.70				5 1/2" Delta Stim Sleeve Lite	6.500	3.822	100
		7780.41	189.35			5	5 1/2" 17# P-110 Buttress Casing			
		7969.76	3.70				5 1/2" Delta Stim Sleeve Lite	6.500	3.645	100

	7973.46	191.81	5	5 1/2" 17# P-110 Buttress Casing			
	8165.27	3.70		5 1/2" Delta Stim Sleeve Lite	6.500	3.473	100
	8168.97	189.24	5	5 1/2" 17# P-110 Buttress Casing			
	8358.21	3.70		5 1/2" Delta Stim Sleeve Lite	6.500	3.310	100
	8361.91	191.17	5	5 1/2" 17# P-110 Buttress Casing			
	8553.08	3.70		5 1/2" Delta Stim Sleeve Lite	6.500	3.155	100
	8556.78	189.88	5	5 1/2" 17# P-110 Buttress Casing			
	8746.66	3.70		5 1/2" Delta Stim Sleeve Lite	6.500	3.040	100
	8750.36	189.19	5	5 1/2" 17# P-110 Buttress Casing			
	8939.55	3.70		5 1/2" Delta Stim Sleeve Lite	6.500	2.915	100
	8943.25	190.63	5	5 1/2" 17# P-110 Buttress Casing			
	9133.88	3.70		5 1/2" Delta Stim Sleeve Lite	6.500	2.790	100
	9137.58	190.98	5	5 1/2" 17# P-110 Buttress Casing			
	9328.56	3.70		5 1/2" Delta Stim Sleeve Lite	6.500	2.665	100
	9332.26	192.93	5	5 1/2" 17# P-110 Buttress Casing			
	9525.19	3.70		5 1/2" Delta Stim Sleeve Lite	6.500	2.540	100
	9528.89	191.47	5	5 1/2" 17# P-110 Buttress Casing			
	9720.36	3.70		5 1/2" Delta Stim Sleeve Lite	6.500	2.415	92



9724.06	189.54	5	5 1/2" 17# P-110 Buttress Casing			
9913.60	3.70		5 1/2" Delta Stim Sleeve Lite	6.500	2.290	83
9917.30	190.38	5	5 1/2" 17# P-110 Buttress Casing			
10107.68	3.70		5 1/2" Delta Stim Sleeve Lite	6.500	2.165	74
10111.38	190.10	5	5 1/2" 17# P-110 Buttress Casing			
10301.48	3.70		5 1/2" Delta Stim Sleeve Lite	6.500	2.040	65
10305.18	187.15	5	5 1/2" 17# P-110 Buttress Casing			
10492.33	3.70		5 1/2" Delta Stim Sleeve Lite	6.500	1.915	58
10496.03	192.42	5	5 1/2" 17# P-110 Buttress Casing			
10688.45	3.70		5 1/2" Delta Stim Sleeve Lite	6.500	1.790	50
10692.15	189.89	5	5 1/2" 17# P-110 Buttress Ca			
10882.04	3.50		5 1/2" Delta Stim Initiator Sl	6.500	4.000	
10885.54	37.68	1	5 1/2" 17# P-110 Buttress Ca			
10923.22	1.20		5 1/2" x 1.375" Buttress Lan	6.050	1.375	
10924.42	37.98	1	5 1/2" 17# P-110 Buttress Ca			
10962.40	1.70		5 1/2" Buttress Super Seal II	6.050		
10964.10	37.40	1	5 1/2" 17# P-110 Buttress Ca			
11001.50	2.50		5 1/2" Buttress Super Seal II	6.050		
11004.00		126	Bottom of Float Shoe			

MDTD

11009.00

DSI 22 PINS 9707 MAX , NOR 9245 , MIN 8783

DSS 14 PINS - 3710

NEW MEXICO OIL CONSERVATION DIVISION
DISTRICT 2 OFFICE
811 S. FIRST STREET
ARTESIA, NM 88210
(575)748-1283

CONDITIONS OF APPROVAL FOR PLUGGING & ABANDONMENT

Operator: COG

Well Name & Number: Sidewinder # 1H

API #: 30-015-38500

1. Produced water **will not** be used during any part of the plugging & abandonment operation.
2. Notify NMOCD Dist. 2 office at least 24 hrs before beginning work.
3. Closed Loop System is to be used for entire plugging operation. Upon completion, contents of steel pit are to be hauled to a permitted disposal location.
4. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator, as well as the contractor, to verify that this permit is place prior to performing work. Drivers shall produce a copy upon request of NMOCD Field Inspectors.
5. A subsequent C-103 will serve as notification that the well bore has been plugged **ONLY**. A C-103 FINAL shall be filed before any bonding can be released on the well. Upon receipt of the Final, an inspection will be performed to verify that the location has been satisfactorily cleaned to NMOCD standards.
6. If work has not begun within 90 days of the approval of this procedure, an extension request must be filed, stating reason that well has not been plugged.
7. Every attempt must be made to clean the well bore out to below the perfs, before any plugs can be set, by whatever means possible.
8. **Cement Retainers may not be used.**
9. **Squeeze pressures are not to exceed 500 PSI, unless approval is given by NMOCD.**
10. **Plugs may be combined after consulting with and getting approval from NMOCD.**
11. **Minimum WOC time for tag plugs will be 4 Hrs.**

ASD

5/22/2015

GUIDELINES FOR PLUGGING AND ABANDONMENT

DISTRICT II / ARTESIA

- All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, ~~whichever is greater.~~
- Mud laden fluids must be placed between all cement plugs.
- Mud laden fluids must be mixed at 25 sacks of gel per 100 bbls of water.
- A cement plug is required to be set 50' below and 50' above all casing shoes and casing stub plugs. These plugs must be tagged.
- A CIBP with 35' of cement on top may be set in lieu of 100' cement plug.
- A plug as indicated above must be placed within 100' of top perforation. This plug must be tagged.
- Plugs set below and above salt zones must be tagged.
- No more than 2000' is to be allowed between cement plugs in open hole and no more than 3000' in cased hole.
- DV tools are required to have a 100' cement plug set 50' above and below the tool and must be tagged.
- Formations to be isolated with plugs placed at the top of each formation are:
 - Fusselman
 - Devonian
 - Morrow
 - Wolfcamp
 - Bone Spring
 - Delaware
 - Any Salt Section (Plug at top and bottom)
 - Abo
 - Glorieta
 - Yates (this plug is usually at base of salt section)
- If cement does not exist behind casing strings at recommended formation depths, the casing must be cut and pulled with plugs set at these depths or casing must be perforated and cement squeezed behind casing at the formation depths.
- In the R-111-P area (Potash Mine area) a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts common to the section penetrated and in suitable proportions, but not more than a 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible (50' below and 50' above).