

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 163-23,155 00-00

County Rooks

SW/4 Sec. 22 Twp. 6S Rge. 20 East West

1700' FSL Ft. North from Southeast Corner of Section

3080' FEL Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

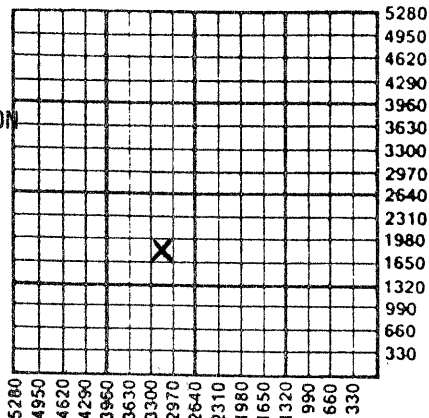
Lease Name Gartrell Well # 5

Field Name unknown

Producing Formation Conglomerate Sand

Elevation: Ground 2179 KB 2184

Total Depth 3685' PBD



7-18-91

Amount of Surface Pipe Set and Cemented at 234' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1798 Feet

If Alternate II completion, cement circulated from 1798

feet depth to Surface w/ 350 sx cmt.

Operator: License # 5352

Name: Baird Oil Company

Address P.O. Box 428

City/State/Zip Logan, KS 67646

Purchaser: Farmland

Operator Contact Person: Jim Baird

Phone (913) 689-7457

Contractor: Name: Abercrombie Drilling, Inc.

License: 5422

Wellsite Geologist: Jim R. Baird

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd. Wichita, Kansas

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWWO: old well info as follows:

Operator: N/A

Well Name:

Comp. Date Old Total Depth

Drilling Method:

Mud Rotary Air Rotary Cable

3-21-91 3-28-91 4-13-91

Spud Date Date Reached TD Completion Date

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STATE CORPORATION COMMISSION

JUL 17 1991

CONSERVATION DIVISION
Wichita, Kansas

7-17-91

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

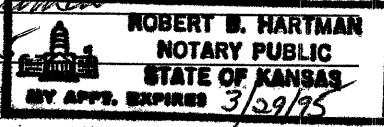
Signature Jim R. Baird

Title Executive Vice-President Date 7/16/91

Subscribed and sworn to before me this 16th day of July, 1991.

Notary Public Robert B. Hartman

Date Commission Expires 3/29/95



K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other (Specify)

SIDE TWO

Operator Name Baird Oil Company Lease Name Gartrell Well # 5

Sec. 22 Twp. 6S Rge. 20 East West County Rooks

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>Anhy</td> <td>1784</td> <td>+ 400</td> </tr> <tr> <td>B/Anhy</td> <td>1812</td> <td>+ 372</td> </tr> <tr> <td>Topeka</td> <td>3182</td> <td>- 998</td> </tr> <tr> <td>Heebner</td> <td>3383</td> <td>-1199</td> </tr> <tr> <td>Toronto</td> <td>3407</td> <td>-1223</td> </tr> <tr> <td>Lansing</td> <td>3420</td> <td>-1236</td> </tr> <tr> <td>B/KC</td> <td>3618</td> <td>-1434</td> </tr> <tr> <td>Congl. Sand</td> <td>3652</td> <td>-1468</td> </tr> <tr> <td>Arbuckle</td> <td>3670</td> <td>-1486</td> </tr> <tr> <td>TD</td> <td>3685</td> <td>-1501</td> </tr> </tbody> </table>	Name	Top	Bottom	Anhy	1784	+ 400	B/Anhy	1812	+ 372	Topeka	3182	- 998	Heebner	3383	-1199	Toronto	3407	-1223	Lansing	3420	-1236	B/KC	3618	-1434	Congl. Sand	3652	-1468	Arbuckle	3670	-1486	TD	3685	-1501
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Congl. Sand	3652	-1468																																	
Arbuckle	3670	-1486																																	
TD	3685	-1501																																	
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No																																		
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No																																		
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input type="checkbox"/> No																																		

DST #1 (3386-3412) 30-30-10-30 IFP: 57
FFP:57 ISIP:57 FSIP:67 Rec. 5' mud w/oil spots.

DST #2 (3414-3439) 30-30-10-30 IFP:48
FFP:48 ISIP:57 FSIP:48 Rec. 15' mud-oil spots in tool.

DST #3 (3440-3468) 45-45-45-45 IFP: 76
FFP: 76 ISIP: 471 FSIP:461 Rec. 200 GIP TD

CASING RECORD New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	24#	234'	60-40pozmix	170	3%cc 2%gel
Production		5-1 1/2"	14#	3683'	common	200	18% salt, 1/2% CFR3, 1/2% flocc, 2% gel 12 1/2# gils.
					50-50posmix	40	2%gel 12 1/2# gils.

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
Shots Per Foot	Specify Footage of Each Interval Perforated	Depth	
3	3655-3661	4-8-91	300g 15% 3 bbl. overflush
	3652 1/2 - 3656 1/2	4-9-91	1000 g. 15%
	3652 Cong. Sand frac.		4000 g. gel pad 8bbl. ovrflsh
	3660-3664		

TUBING RECORD

Size 2-3/8 Set At 3668 Packer At - Liner Run Yes No

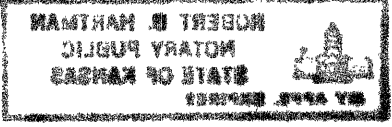
Date of First Production 4-18-91 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours

Oil	6	Bbls.	Gas	Mcf	Water	4	Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas: none **METHOD OF COMPLETION** Open Hole Perforation Dually Completed Commingled

Vented Sold Used on Lease (If vented, submit ACO-18.) Other (Specify) _____



ORIGINAL

GARTRELL #5

DRILL STEM TESTS (Continued)

DST #4 (3464-3480) 30-30 IFP: 57 FFP: 57 ISIP: 67 FSIP: -
Rec. 4' mud w/few oil spots

DST #5 (3480-3508) 30-30-30-30 IFP: 57 FFP: 57 ISIP: 903 FSIP: 807
Rec. 20' V.S.O.C.M. too small to measure

DST #6 (3557-3578) 30-30-30-30 IFP: 48 FFP: 48 ISIP: 57 FSIP: 57
Rec. 10' V.S.O.C.M. too small to measure

DST #7 (3577-3600) 30-30-10-30 IFP: 67 FFP: 67 ISIP: 67 FSIP: 76
Rec. 5' mud

DST #8 (3616-3668) 45=45=45=45 IFP:86 FFP:96 ISIP: 817 FSIP: 788
Rec. 120' GIP; 52' C.G.O.; 72' O.C.M.

DST #9 (3666-3679) 45-45-45-45 IFP: 57 FFP: 57 ISIP: 451 FSIP: 115
Rec. 1/2 ft. F.O.; 20' O.C.M.

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JUL 17 1991

CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL



P.O. BOX 75395
DALLAS, TX 75395-1046

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
080218	03/28/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
GARTFALL 5		ROOKS		KS	SAME
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE	
HAYS		ABERCROMBIE #4		CEMENT PRODUCTION CASING	
TICKET DATE					
03/28/1991					
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
044605	JIM R. BAIRD			COMPANY TRUCK	12836

BAIRD OIL CO., INC.
BOX 7
LOGAN, KS 67646

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
500-207	BULK SERVICE CHARGE	632	CFT	1.10	695.20
500-306	MILEAGE CMTG MAT DEL OR RETURN	994.385	TMI	.75	745.79
500-307	MILEAGE SURCHARGE-CEMENT MAT.	994.385	TMI	.10	99.44
INVOICE SUBTOTAL					12,721.58
DISCOUNT-(BID)					1,908.21-
INVOICE BID AMOUNT					10,813.37
*-KANSAS STATE SALES TAX					339.10
*-HAYS CITY SALES TAX					39.89
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					\$11,192.36

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STATE CORPORATION COMMISSION
JUL 17 1991
CONSERVATION DIVISION
Wichita, Kansas

R 4/03/91
P 4/08/91

Bartell

190402

010446
4/8/91

11,192.36

INV. # 080218 - Bartell #5 - Cement production CASING

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND

ORIGINAL



ORIGINAL

DALLAS, TX 75395-1046

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
080218	03/28/1999

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
GARTRALL 5		ROOKS		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
HAYS		ABERCROMBIE #4		CEMENT PRODUCTION CASING		03/28/1999
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
044605	JIM R. BAIRD			COMPANY TRUCK	1283	

BAIRD OIL CO., INC.
 BOX 7
 LOGAN, KS 67646

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 STATE CORPORATION COMMISSION

JUL 17 1991

CONSERVATION DIVISION
 Wichita, Kansas

DIRECT CORRESPONDENCE TO:
 FIRST OKLAHOMA TOWER
 210 WEST PARK AVENUE
 SUITE 2050
 OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA	A - MID CONTINENT				
000-117	MILEAGE	35	MI	2.35	82.25
		1	UNT		
000-118	MILEAGE SURCHARGE-CEMENT-LAND	35	MI	.40	14.00
		1	UNT		
007-013	MULT STAGE CEMENTING-1ST STAGE	3683	FT	1,145.00	1,145.00
001-016		1	UNT		
007-161	MULT STAGE CEMENTING-ADD STAGE	1	STG	950.00	950.00
		1	UNT		
26	INSERT VALVE F. S.- 5 1/2" BRD	1	EA	245.00	245.00
847.6318					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	30.00	30.00
815.19311					
71	MULT STAGE CMTR-5-1/2 BRD	1	EA	2,450.00	2,450.00
813.80300					
75	PLUG SET 5 1/2"	1	EA	400.00	400.00
812.0162					
40	CENTRALIZER 5-1/2" MODEL S-4	7	EA	44.00	308.00
807.93022					
320	CEMENT BASKET 5 1/2"	1	EA	90.00	90.00
800.8883					
56	WALL CLEANER CABLE TYPE 5 1/2"	20	EA	27.50	550.00
807.2005					
018-317	SUPER FLUSH	12	SK	74.00	888.00
504-308	STANDARD CEMENT	200	SK	5.45	1,090.00
504-308	STANDARD CEMENT	20	SK	5.45	109.00
506-105	POZMIX A	20	SK	3.00	60.00
506-121	HALLIBURTON-GEL 2X	1	SK	.00	N/C
504-316	HALLIBURTON LIGHT W/STANDARD	350	SK	5.21	1,823.50
509-968	SALT	1560	LB	.10	156.00
507-153	CFR-3	94	LB	4.00	376.00
508-292	GILSONITE, SACKED	500	LB	.47	235.00
507-210	FLOCELE	138	LB	1.30	179.40

***** CONTINUED ON NEXT PAGE *****

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT. CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT

ORIGINAL

DAILY DRILLING REPORT

43
 COMPANY *Baird Oil Co.*
 DISTRICT
 COUNTY *Rooks* STATE *Ks.*
 CONTRACTOR *Abercrombie DR6.*
 LEASE *Bartrell*
 DATE *3-28-91*
 WELL NO. *5* RIG NO. *4*
 D. P. STRING NO. SIZE

FROM	TO	FORMATION	ROTA SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3668	3679	Lime	70	35000	950	Wes Sherfick	8
RTD	3679					Phillip Buchholz	8
LTD	3679					Bill Goschler Jr.	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)					
@	FT.	<i>13-6e1</i>					
DEG. OFF		<i>15T#9</i>		<i>3-619</i>			

BIT AND COREHEAD RECORD
 RUN NO. *3*
 SIZE *7 1/8*
 MAKE *S-84RR*
 SERIAL NO. *518370*
 DEPTH IN *3508*
 HOURS RUN *8 3/4*

MUD RECORD
 WEIGHT *9.3*
 VISC. *50*
 WTR. LOSS-C.C.
 FILTER CAKE
 PH.
 MTL. ADDED (REMARKS) *Co. Time 7 1/2*

TIME RECORD
 DRILLING *1 1/2*
 CORING
 OTHER
 REPAIRS
 TRIP

DRILL STEM RECORD
 SIZE D. P.
 SIZE COLL.
 JTS. D. P. FT.
 KELLY DOWN FT.
 COLLARS FT.
 TOTAL FT.

DRLR *Tim Heiker* 8

REMARKS: *11:00-11:15 In hole w/ bit / 11:15-11:45 circ hole / 11:45-12:15 DR6 / 12:15-1:30 C.F.S @ 3679 / 1:30-3:00 out w/ bit + for logs / 3:00-5:00 Logging / 5:00-6:30 wait on logs - make up tool - In hole w/ tool / 6:30-7:00 TEST*

FROM	TO	FORMATION	ROTA SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3679	3685	LIME	70	35000	950	James M. Rome	8
						Jim A. Chambers	8
		<i>Dst #9 Reed 1/2" E.O. 20' o.c.m.</i>	<i>3</i>	<i>Lignite</i>		Tracy L. Dinkel	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)					
@	FT.						
DEG. OFF		<i>7 3/4 hrs. Co. time</i>					

BIT AND COREHEAD RECORD
 RUN NO. *3*
 SIZE *7 7/8*
 MAKE *S-84RR*
 SERIAL NO. *518370*
 DEPTH IN *3508*
 HOURS RUN *9*

MUD RECORD
 WEIGHT *9.3*
 VISC. *49*
 WTR. LOSS-C.C. *9.2*
 FILTER CAKE *1/32*
 PH. *10*
 MTL. ADDED (REMARKS) *Dst #9 Circ 1 1/2*

TIME RECORD
 DRILLING *1 1/4*
 CORING *2-1/2*
 OTHER *1*
 REPAIRS *1*
 TRIP *2 3/4*

DRILL STEM RECORD
 SIZE D. P.
 SIZE COLL.
 JTS. D. P. FT.
 KELLY DOWN FT.
 COLLARS FT.
 TOTAL FT.

DRLR *Paul J. Flax* 8

REMARKS: *7:00/9:30 Testing - 9:30/12:15 Pull tool - Run bit / 12:15/12:30 C.F.T. / 12:30/12:45 Dnlg / 12:45/2:00 C.F.S @ 3685 / 2:00/3:00 Laydown D.P.*

FROM	TO	FORMATION	ROTA SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
an 98	Dst 5 1/2 - 14" new 8R Telly	3687.73 set @ 3683				Dane Rogers	8
						Michael Murphy	8
						Gary Brady	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)					
@	FT.						
DEG. OFF							

BIT AND COREHEAD RECORD
 RUN NO.
 SIZE
 MAKE
 SERIAL NO.
 DEPTH IN
 HOURS RUN

MUD RECORD
 WEIGHT
 VISC.
 WTR. LOSS-C.C.
 FILTER CAKE
 PH.
 MTL. ADDED (REMARKS) *Co. Time 6 3/4*

TIME RECORD
 DRILLING
 CORING *1 1/4*
 REPAIRS
 TRIP

DRILL STEM RECORD
 SIZE D. P.
 SIZE COLL.
 JTS. D. P. FT.
 KELLY DOWN FT.
 COLLARS FT.
 TOTAL FT.

DRLR *Fanny Brumhardt* 8

REMARKS: *300 215. Lay down Pipe + Run 5' casing 215-915 circ + cement 915-945 det. / 945-1015 15 BBL cement / 1015-1045 15 BBL cement / 1045-1115 15 BBL cement / 1115-1145 15 BBL cement / 1145-1175 15 BBL cement / 1175-1200 15 BBL cement / 1200-1230 15 BBL cement / 1230-1260 15 BBL cement / 1260-1290 15 BBL cement / 1290-1320 15 BBL cement / 1320-1350 15 BBL cement / 1350-1380 15 BBL cement / 1380-1410 15 BBL cement / 1410-1440 15 BBL cement / 1440-1470 15 BBL cement / 1470-1500 15 BBL cement / 1500-1530 15 BBL cement / 1530-1560 15 BBL cement / 1560-1590 15 BBL cement / 1590-1620 15 BBL cement / 1620-1650 15 BBL cement / 1650-1680 15 BBL cement / 1680-1710 15 BBL cement / 1710-1740 15 BBL cement / 1740-1770 15 BBL cement / 1770-1800 15 BBL cement / 1800-1830 15 BBL cement / 1830-1860 15 BBL cement / 1860-1890 15 BBL cement / 1890-1920 15 BBL cement / 1920-1950 15 BBL cement / 1950-1980 15 BBL cement / 1980-2010 15 BBL cement / 2010-2040 15 BBL cement / 2040-2070 15 BBL cement / 2070-2100 15 BBL cement / 2100-2130 15 BBL cement / 2130-2160 15 BBL cement / 2160-2190 15 BBL cement / 2190-2220 15 BBL cement / 2220-2250 15 BBL cement / 2250-2280 15 BBL cement / 2280-2310 15 BBL cement / 2310-2340 15 BBL cement / 2340-2370 15 BBL cement / 2370-2400 15 BBL cement / 2400-2430 15 BBL cement / 2430-2460 15 BBL cement / 2460-2490 15 BBL cement / 2490-2520 15 BBL cement / 2520-2550 15 BBL cement / 2550-2580 15 BBL cement / 2580-2610 15 BBL cement / 2610-2640 15 BBL cement / 2640-2670 15 BBL cement / 2670-2700 15 BBL cement / 2700-2730 15 BBL cement / 2730-2760 15 BBL cement / 2760-2790 15 BBL cement / 2790-2820 15 BBL cement / 2820-2850 15 BBL cement / 2850-2880 15 BBL cement / 2880-2910 15 BBL cement / 2910-2940 15 BBL cement / 2940-2970 15 BBL cement / 2970-3000 15 BBL cement*