

ORIGINAL

FORM MUST BE TYPED

SIDE ONE

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

Operator: License # 31453

Name: Dominion Oil USA Corporation

Address 107 North Market, Suite 1115

City/State/Zip Wichita, KS 67202

Purchaser: Texaco/Republic Natural Gas Co.

Operator Contact Person: Kent Deutsch

Phone (316) 267-7551

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Kent Deutsch

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SOW Temp. Abd.
 Gas ENHR
 Dry Other (Specify, etc.)

If Workover/Re-Entry well, info as follows:

Operator: JUL 25 1994

Well Name: _____

Comp. Date: CONSERVATION DIVISION WICHITA, KS 67202

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj) Docket No. _____

05-01-94 05-07-94 5-22-94

Spud Date Date Reached TD Completion Date

API NO. 15- 151-22,121-00-00

County Pratt

Approx. - NW NE NW Sec. 4 Twp. 26 Rge. 11 E

330 Feet from S (circle one) Line of Section

1650 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Bauman Well # 4-4

Field Name Bauman

Producing Formation Mississippi

Elevation: Ground 1828 KB 1836

Total Depth 4200' PBD _____

Amount of Surface Pipe Set and Cemented at 872 Feet ^{KCC 97}

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cat.

Drilling Fluid Management Plan ALT 1. JH 12-5-94
(Data must be collected from the Reserve Pit)

Chloride content 64,000 ppm Fluid volume 1600 bbls

Dewatering method used water truck

Location of fluid disposal if hauled offsite: _____

Operator Name Bullseye Roustabout Service

Lease Name Clark License No. 31056

NW Quarter Sec. 10 Twp. 26 S Rng. 12 E

County Pratt Docket No. D-21-405

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report 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.

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.

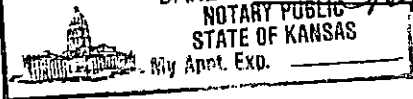
Signature [Signature]

Title Agent Date 7-25-94

Subscribed and sworn to before me this 25 day of July 19 94

Notary Public [Signature]

Date Commission 3/6/95



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
____ KCC _____ SWD/Rep _____ MGA
____ KGS _____ Plug _____ Other
(Specify) P1

ORIGINAL

SIDE TWO

Operator Name Dominion Oil USA Corporation Lease Name Bauman Well # 4-4

Sec. 4 Twp. 26 Rge. 11 East West County Pratt

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 Yes No (Attach Additional Sheets.)
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run Yes No (Submit Copy.)
List All E.Logs Run: Comp Neutron Density
Dual Ind.
Frac Finder
Coral

Log Formation (Top), Depth and Datum Sample
Name Top Datum
Heebner 3400-1564
Brown Lime 3576-1740
Lansing 3604-1768
Base K.C. 3928-2092
Mississippi 4010-2174
Kinderhook 4124-2288

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	14-3/4"	10-3/4"	32#	872' 253'	60/40 poz	200	
Production	7-7/8"	5 1/2"	14#	4192'	60/40 poz	150	2% gel

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
Plug Off Zone				

PERFORATION RECORD - Bridge Plugs Set/Type
Specify Footage of Each Interval Perforated

Shots Per Foot	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1 shot	2000 gals 10% MCA 45,000#	
	100 mesh sand 200,000 #	
	12/20 sand 114,000 gal	
	jelled water	

TUBING RECORD Size 2-7/8" Set At 4080' Packer At None Liner Run Yes No
Date of First Resumed Production, SMD or Inj. 5/22/94 Producing Method Flowing Pumping Gas Lift Other (Explain)
Estimated Production Per 24 Hours Oil 50 Bbls. Gas 50 Mcf Water 20 Bbls. Gas-Oil Ratio --- Gravity 41

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____
Production Interval 4014-4064



CEMENTING LOG

STAGE NO. ORIGINAL

Date 5/17/94 District Med. Lodge Ticket No. 6350
 Company Dominion Oil U.S.A. Corp Rig Duke #2
 Lease Bauman Well No. 4-4
 County Pratt State KS
 Location 4-265-11W Field _____
Preston 4N 18E S1S

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 5 1/2 Type used Weight 14# Collar _____

Casing Depths: Top 0 Bottom 4191

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 4200 ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbbls/Lin. ft. .0241 Lin. ft./Bbl. 40.9796
 Open Holes: Bbbls/Lin. ft. .1602 Lin. ft./Bbl. 16.5997
 Drill Pipe: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbbls/Lin. ft. .10309 Lin. ft./Bbl. 32.4065
 Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: Fresh H₂O
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG _____

LEAD: Pump Time _____ hrs. Type 60' 40' 29" 9-1
 Excess _____
 Amt. 125 Skys Yield 4.26 ft³/sk Density 14.8 PPG

TAIL: Pump Time _____ hrs. Type 60' 40' 29" 9-1
1.2% FL-5P
 Excess _____
 Amt. 50 Skys Yield 1.26 ft³/sk Density 14.8 PPG

WATER: Lead 5.6 gals/sk Tail 5.6 gals/sk Total 24 Bbbls.

Pump Trucks Used 266 Justin Hart
 Bulk Equip. 227 Mark Brungardt

Float Equip: Manufacturer Jimico
 Shoe: Type Float Shoe Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity 6 Plugs Top Rubber Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type H₂O Amt. _____ Bbbls. Weight 8.31 PPG
 Mud Type _____ Weight 9.5 PPG

COMPANY REPRESENTATIVE Jethu Armbruster

CEMENTER Max Ball

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
10:00						ON Loc Rig up
11:25						Start Casing
11:42		235			5	5 Pump H ₂ O Ahead
11:43						Plug Rat Hole with 15 sks 60' 40' 29"
11:47						Plug Mouse Hole with 10 sks 60' 40' 29"
11:49		300			22.5	5.5 Mix Lead cont 100 sks 60' 40' 29"
11:55		250			11.27	5.5 Mix Tail cont 50 sks 60' 40' 29" 1.2% FL-5P
11:58						Cont Mixed & Put Down Washing Pump Lin.
12:01		100			80	6 Drop Plug
2:14		350			17	4 Start Displacement
2:19		300			5	2 Slow Rate
2:21		1700				Land Plug float Hold

RECEIVED
 KANSAS CORPORATION COMMISSION

JUL 25 1994

CONSERVATION DIVISION
 WICHITA, KS

FINAL DISP. PRESS: 725 PSI BUMP PLUG TO 1200 PSI BLEEDBACK 41 BBLs. THANK YOU

Phone 913-483-2627, Russell, KS
 Phone 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS
 Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS
 Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC. 666350

Home Office P. O. Box 31 Russell, Kansas 67665 ORIGINAL

NEW

Date	5/7/94	Sec.	4	Fwp.	26s	Range	11W	Called Out	8:00 AM	On Location	10:00 AM	Job Start	1:30 PM	Finish	2:30 PM
Lease	Bauman	Well No.	4-4	Location	Preston 4N 1 1/2 E S15			County	Pratt	State	KS				
Contractor	Duke Drilling Rig #2														
Type Job	Cmt 5 1/2 Prod. Csg														
Hole Size	7 7/8		T.D.	4200											
Csg.	5 1/2 14"		Depth	4194											
Tbg. Size			Depth												
Drill Pipe			Depth												
Tool			Depth												
Cement Left in Csg.	6"		Shoe Joint	6"											
Press Max.	1200		Minimum	100											
Meas Line			Displace	102 BBL											
Perf.															

Owner Same

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To Dominion Oil U.S.A. Corp.

Street _____

City _____ State _____

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. _____

X John Austin

EQUIPMENT

Pumptrk	No.	Cementer	<u>Max Ball</u>
		Helper	<u>Justin Hart</u>
Pumptrk	No.	Cementer	
		Helper	
Bulktrk	No.	Driver	<u>Mark Brugardt</u>
		Driver	

CEMENT

Amount 12550 lbs 60/40 1290 gtl
 Ordered 50 sks 60/40 229 gtl 1,290 FL-5P

Consisting of

Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
Sales Tax	
Handling	
Mileage	
Sub Total	
Total	

Floating Equipment _____

DEPTH of Job

Reference:	<u>4194 FT Pump Charge</u>	
	<u>Mi mil-seg</u>	
	<u>1 Fa 5 1/2 Rubber Plug</u>	
	Sub Total	
	Tax	
	Total	

Remarks: Cmt 5 1/2 Prod. Csg with 125 sks
60/40, 2 + 50 sks 60/40, 2 + 1,290 FL-5P
Washup Pump + Lines Drop Plug Displace
102 BBL Land Plug Float Hold

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JUL 25 1994

CONSERVATION DIVISION
 WICHITA, KS

Phone 913-483-2627, Russell, KS
 Phone 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS
 Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS
 Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC. 0006347

Home Office P. O. Box 31

Russell, Kansas 67665

ORIGINAL

New

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
5/2/94	4	26s	11W	8:00 AM	10:00 AM	12:45	1:30
Lease	Well No.	Location			County	State	
Bauman	4	Preston 4 1/4 N 1 3/4 E S15			Pratt	KS	

Contractor Duke Drilling Co, Rig # 2	
Type Job Cmt 8 3/4 surface	
Hole Size 9 7/8	T.D. 875
Csg. 8 5/8 25'	Depth 872
Tbg. Size	Depth
Drill Pipe	Depth
Tool	Depth
Cement Left in Csg. 34	Shoe Joint 244
Press Max. 470	Minimum 50
Meas Line	Displace 52.3
Perf.	

Owner Dominion Oil U.S.A. Corp
To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Charge To Duke Drilling
Street
City State
The above was done to satisfaction and supervision of owner agent or contractor.
Purchase Order No.
X [Signature]

EQUIPMENT

No.	Cementer	Max Ball
Pumptrk 766	Helper	Justin Hart
No.	Cementer	
Pumptrk	Helper	
	Driver	John Kelley
Bulktrk 242	Driver	

CEMENT	
Amount Ordered	125 sks 60/40 .2% gel 1.4% cacl ²
Consisting of	
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
Sales Tax	
Handling	
Mileage	
Sub Total	
Total	

DEPTH of Job

Reference:	877 FT Pump Charge	
Mi	Mileage	
1.25	5 3/4 Rubber Plug	
	Sub Total	
	Tax	
	Total	

Remarks: Cmt 8 3/4 csg with 125 sks
 60/40 .2% gel 1.4% cacl² Drop
 Plug Displace 52.3 BBL Lead
 Plug

Floating Equipment
 1 - 5 3/4 MAFF/c

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CONSERVATION DIVISION
 WICHITA, KS

Date 5-1-94 District Mo. Long Ks. Ticket No. 6322
 Company DOMINION OIL USA Rig DUKE DRIG #2
 Lease BAUMAN Well No. 4
 County STAFFORD State KANS.
 Location PRESTON N. 70 C.L. 1/4 - 5/4 Field _____
4-26-11

CEMENT DATA:
 Spacer Type: _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 10 3/4 Type USFO Weight 54 Collar SHORT

5 BIL FRESH H₂O
 LEAD: Pump Time _____ hrs. Type 60:40:2 +
3% CC Excess _____
 Amt. 200 Skys Yield 1.26 ft³/sk Density 14.8 PPG

Casing Depths: Top _____ Bottom 253

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. 5.6 Skys Yield _____ ft³/sk Density _____ PPG
 WATER: Lead 5.6 gals/sk Tail _____ gals/sk Total 26.5 Bbls.

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 14 1/4 T.D. 255 ft. P.B. to _____ ft.

Pump Trucks Used 266 CATL B
 Bulk Equip. 227 MARK B

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0930 Lin. ft./Bbl. 10.75
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. 0591 Lin. ft./Bbl. 10.0523
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

Float Equip: Manufacturer _____
 Shoe: Type OPEN TAPER Depth 253'
 Float: Type 2" CEMENT IN PIPE Depth 233'
 Centralizers: Quantity _____ Plugs Top W.R.C. Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type FRESH H₂O Amt. 21.5 Bbls. Weight 8.34 PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE JOHN ARMSTRONG

CEMENTER NEAL R.

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
						ARRIVED ON LOC 2:30 PM - RES UP
4:50		100				KAN 10 3/4 TO 253'
4:55		100				BREAK CIRCULATION - RES PUMP
5:00		150				CIRCULATE
		150		50.0	5.0	START FRESH H ₂ O SPACER
					6	SPACER IN - START SLURRY
					6	SLURRY IN - SHUT DOWN
		100			2	SWITCH VALVES - START DISP
		150			4	IMP. RATE
		150		15.0	13.0	CEMENT TO SURFACE
		150		19.5	4.5	SLOW RATE
		150		21.5	2.0	PLUG IN PLACE SHUT DOWN
5:30		0				SHUT IN
						HOLD PRESS. JOB COMPLETE

RECEIVED
 KANSAS CORPORATION COMMISSION

JUL 25 1994

CONSERVATION DIVISION
 WICHITA, KS

THANK YOU
NR

Phone 913-483-2627, Russell, KS
 Phone 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS
 Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS
 Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC. 0006322

Home Office P. O. Box 31

Russell, Kansas 67665

ORIGINAL

NEW WELL

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
5-1-94	4	26	11	1:00 PM	2:30 PM	5:00	5:30 PM
Lease	Well No.	Location		County	State		
BAUMAN	4	Preston N. to C.L. 13/4E-515		STAFFORD	KANSA.		

Contractor	DUKE DRG. Rig #2	
Type Job	SURFACE Csg.	
Hole Size	14 3/4	T.D. 255
Csg.	10 3/4	Depth 253
Tbg. Size		Depth
Drill Pipe		Depth
Tool		Depth
Cement Left in Csg.	20'	Shoe Joint
Press Max.		Minimum
Meas Line		Displace 21.5
Perf.		

Owner	DOMINION OIL U.S.A.	
To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.		
Charge To	DUKE DRILLING Co. DOMINION OIL U.S.A.	
Street		
City	State	
The above was done to satisfaction and supervision of owner agent or contractor.		
Purchase Order No.		
X	[Signature]	
CEMENT		

EQUIPMENT

No.	Cementer	271	NEAL R
Pumptrk	Helper		CARL B
No.	Cementer		
Pumptrk	Helper		
	Driver		MARK B
Bulktrk	Driver		

Amount Ordered	200 60/40oz 2% Gel + 3% CC	
Consisting of		
Common		
Poz. Mix		
Gel.		
Chloride		
Quickset		
Sales Tax		
Handling		
Mileage		
Sub Total		
Total		

DEPTH of Job	253	
Reference:		
	1 10 3/4" Johnson Rubber Cup	
	Sub Total	
	Tax	
	Total	

Remarks: Ran 10 3/4 TO 253 ft, CEMENTED WITH 200SK 60/40oz 2% Gel + 3% CC - Pumped Plug TO 233ft WITH 21.5 Bils Fresh H₂O CEMENT DID CIRCULATE!

Floating Equipment
RECEIVED
 KANSAS CORPORATION COMMISSION
 JUL 25 1994
 CONSERVATION DIVISION
 WICHITA, KS

THANKS!