

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

<sup>00-00</sup> ORIGINAL

API NO. 15- 151-22,122

County Pratt

NW - NW - SE 4 Sec. 4 Twp. 26 Rge. 11 <sup>E</sup> X

2310 Feet from (S) Line of Section

2310 Feet from (E) Line of Section

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

Lease Name Jorns Well # 1-4

Field Name Bauman

Producing Formation Mississippi

Elevation: Ground 1841' KB 1849'

Total Depth 4165' PBTD \_\_\_\_\_

Amount of Surface 253 Feet

Multiple XX Cementing Collar Used? Yes XX No

If yes, show depth JUL 25 1994 Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to CONSERVATION DIVISION WICHITA, KS XX cat.

Drilling Fluid Management Plan ALT 1 89/ 12-6-94  
(Data must be collected from the Reserve Pit)

Chloride content 58,000 ppm Fluid volume 480 bbls

Deviating method used water truck

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name Bullseye Roustabout Service

Lease Name Clarke License No. 31056

NW Quarter Sec. 10 Twp. 26 S Rng. 12 <sup>E</sup> (X)

County Pratt Docket No. D21-405

Operator: License # 3180

Name: Deutsch Oil Company

Address 107 North Market - Suite 1115

City/State/Zip Wichita, KS 67202

Purchaser: Texaco/Republic Nat. Gas

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  
XX New Well      Re-Entry      Workover

XX Oil      SWD      SIOV      Temp. Abd.  
     Gas      ENHR      SIGV  
     Dry      Other (Coro, WSV, Expl., Cathodic, etc)

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

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

     Deepening      Re-perf.      Conv. to Inj/SWD  
     Plug Back      PBTD  
     Coaminged      Docket No. \_\_\_\_\_  
     Dual Completion      Docket No. \_\_\_\_\_  
     Other (SWD or Inj?) Docket No. \_\_\_\_\_

05-08-94 05-13-94 6/15/94

Spud Date \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date \_\_\_\_\_

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 Expires 8/16/95  
DANIELLE CORRISTON  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. \_\_\_\_\_

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

pl

Operator Name Deutsch Oil Company

Lease Name Jorns

Well # 1

Sec. 4 Twp. 26 Rge. 11

County Pratt

**ORIGINAL**

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 Induction  
Frac Finder  
Coral

Log Formation (Top), Depth and Dates  Sample

NAO	Top	Datum
Heebner	3398-1549	
Brown Lime	3577-1728	
Lansing	3606-1757	
Base K.C.	3932-2083	
Mississippi	4010-2161	
Kinderhook	4112-2263	

**RECEIVED**  
KANSAS CORPORATION COMMISSION

JUL 25 1994

CASING RECORD

New  Used

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

CONSERVATION DIVISION  
WICHITA, KS

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#	253'	60/40 poz	200	2% gel 3% ct.
Production	7-7/8"	5 1/2"	14#	4155'	60/40 poz	150	2% gel

ADDITIONAL CEMENTING/SQUEEZE RECORD

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1 shot	4012-4062	2000 gals 10% MCA 158,000 # 12/20 sand 103,000 gals gelled water	

TUBING RECORD Size 2-7/8" Set At 4076' Packer At none Liner Run  Yes  No

Date of First Resumed Production - SMD or Inj. 6/15/94 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	60	100	20	--	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 4012-4062



# CEMENTING LOG

STAGE NO.

ORIGINAL

Date 5-13-94 District Man. Lodge, Ks. Ticket No. 6379  
 Company Dominion Oil USA Rig Duke #5  
 Lease JORNA Well No. 1-4  
 County PRATT State KANSAS  
 Location PRESTON N TO BKTOP 2E-N1/4 Field

CEMENT DATA:  
 Spacer Type: \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

5 BBL FRESH H<sub>2</sub>O  
 LEAD: Pump Time \_\_\_\_\_ hrs. Type 60:40:2%  
GFL Excess \_\_\_\_\_

CASING DATA: PTA  Squeeze   
 Surface  Intermediate  Production  Liner   
 Size 5 1/2 Type NEW Weight 14 Collar LONG

Amt. 100 Skys Yield 1.26 ft<sup>3</sup>/sk Density 14.8 PPG  
 TAIL: Pump Time \_\_\_\_\_ hrs. Type 60:40:2% GFL  
1.2% FL-SP Excess \_\_\_\_\_

Amt. 50 Skys Yield 1.26 ft<sup>3</sup>/sk Density 14.8 PPG  
 WATER: Lead 5.6 gals/sk Tail 5.6 gals/sk Total 20 Bbls.

Casing Depths: Top 18 1/4 250 Bottom 5 1/2 4155

Pump Trucks Used 181 T+M D.  
 Bulk Equip. 227 CARL B.

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size 7 7/8 T.D. 4165 ft. P.D. 4155 ft.

Float Equip: Manufacturer FURNISHED BY CUSTOMER (GEMCO)  
 Shoe: Type REGULAR Depth 4155

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. 1.0244 Lin. ft./Bbl. 40.98  
 Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. 1.0309 Lin. ft./Bbl. 32.4065  
 Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

Float Type A.F.U Depth 4155  
 Centralizers: Quantity 5 Plugs Top Top Rubber Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. 2 PASKETS  
 Disp. Fluid Type FRESH H<sub>2</sub>O Amt. 101.5 Bbls. Weight 8.34 PPG  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE John Armbruster

CEMENTER NEAL Rupp

TIME	PRESSURES PSI		TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	REMARKS
	DRILL PIPE CASING	ANNULUS				
8:15						ARRIVED ON LOC 8:00 PM / REG UP
9:45						RUN CSG TO 4155
10:00	600					DROP BALL FOR AFU
	400					PUMP BALL THROUGH AFU
10:15						CIRCULATE
10:20	100					BIG UP TO DISCHARGE
10:24			51.0	51.0		START FLUSH
10:34	200			(51.5)		FLUSH IN - SHUT DOWN
10:40	200		27.5	22.5	3	PLUS Moussehole 10% PLUG PATHHOLE 15%
10:45			38.75	11.25	3	START LEAD VIA CSG
						LEAD IN START TAIL
10:50					2	TAIL IN - SHUT DOWN
	200			2.0	6	WASH UP PUMPS & LINES
	200		62.75	60.75	5	RELEASE PLUG - SWITCH VALVES
	200		67.75	51.0	4	START DISP
	450		84.5	16.75	4	INC RATE
	600		90.25	5.75	3	FLUSH @ SHOE
	700		99.0	8.75	3	LEAD @ SHOE SLOW RATE
11:15	1200		101.5	2.5		STEADY LIFT PSI <del>STAY</del> RANGE
	0					TAIL @ SHOE SLOW RATE
						FINAL DISP PSI
						Bump Plug
						RELEASE PSI
						AFU Held Job COMPLETE

FINAL DISP. PRESS: 7.00 PSI BUMP PLUG TO 1200 PSI BLEEDBACK 1/2 BBLs. THANK YOU NR

Phone 913-483-2627, Russell, KS

Phone 913-625-5516; Hays, KS

Phone 316-886-5926, Medicine Lodge, KS

Phone 316-793-5861, Great Bend, KS

Phone 913-672-3471; Oakley, KS

Phone 913-798-3843; Ness City, KS

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

6379 ORIGINAL

NEW WELLS

Date	5-13-74	Sec	4	Twp	26	Range	11W	Called Out	5:00 PM	On Location	8:00 PM	Job Start	10:15	Job Finish	11:15
Lease	JORNA	Well No.	1-4	Location	PESTON N TO BK TOP 2E-1/5				County	PRATT			State	KANSAS	

Contractor	DUKE DRILLING RES #5	Owner	DOMINION OIL USA COMPANY
Type Job	PROD CSG.	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.
Hole Size	7 7/8	T.D.	4165
Csg.	5 1/2 1.4#	Depth	4155
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.		Shoe Joint	A.F.U. + U.C. Shop
Press Max.		Minimum	
Meas Line		Displace	101.5 Br/ft
Perf.			

Charge To	DOMINION OIL U.S.A. COMPANY
Street	
City	
State	
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X	<i>John J. Rumpke</i>
<b>CEMENT</b>	

EQUIPMENT		
No.	Cement	NEAL R
Pump	181	Helper
No.	Cement	FRM D
Pump		Helper
	Driver	CARL B
Bulk	227	
Bulk		Driver

Amount Ordered	125 x 60/40 p07 2% GEL 50 x 60/40 p07 2% GEL
Consisting of	1.2% FL-5P
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
Sales Tax	
Handling	
Mileage	
Sub Total	
Total	

DEPTH of Job	4155
Reference	
1	5 1/2 Top Rubber Plug
Sub Total	
Tax	
Total	

RECEIVED	COMMISSION
1994	
SALES TAX	
Sub Total	
Total	

Remarks: RAN 5 1/2 CSG. TO 4155 -  
 RAN 5 BR FRESH H<sub>2</sub>O Flush, Followed by  
 100 x 60/40 p07 2% GEL + 50 x 60/40 p07  
 2% GEL, 1.2% FL-5P - Pumped Plus TO 4155 FT  
 WITH 101.5 Br/ft FRESH H<sub>2</sub>O - A.F.U. HELD  
 PLUS RATHIDE 15 x MOUSEHOLE 10 x

Floating Equipment  
 FURNISHED BY CUSTOMER

TUADKS!

Phone 913-483-2627, Russell, KS

Phone 913-625-5516, Hays, KS

Phone 316-886-5926, Medicine Lodge, KS

Phone 316-793-5861, Great Bend, KS

Phone 913-672-3471, Oakley, KS

Phone 913-798-3843, Ness City, KS

# ALLIED CEMENTING CO., INC. 0006529

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	5-8-94	Sec	4	Typ	26	Range	11	Called Out	11:00am	On Location	2:00pm	Job Start	2:45pm	Finish	3:30pm
------	--------	-----	---	-----	----	-------	----	------------	---------	-------------	--------	-----------	--------	--------	--------

Lease	Joiner	Well No.	1-4	Start Prod Location	STO. coline 1S-46E N10	County	Pict	State	KS
-------	--------	----------	-----	---------------------	------------------------	--------	------	-------	----

Contractor	Duke #2	Owner	Doutch
------------	---------	-------	--------

Type Job	Surface	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.
----------	---------	-------------------------------	--

Hole Size	14 3/8	I.D.	2 5/8
-----------	--------	------	-------

Csg.	10 3/4	Depth	253.87
------	--------	-------	--------

Tbg. Size		Depth	
-----------	--	-------	--

Drill Pipe		Depth	
------------	--	-------	--

Tool		Depth	
------	--	-------	--

Cement Left in Csg.		Shoe Joint	
---------------------	--	------------	--

Press Max.		Minimum	
------------	--	---------	--

Meas Line		Displace	94.10
-----------	--	----------	-------

Perf.			
-------	--	--	--

### EQUIPMENT

Pump	No. 120	Cementer	Don H	Helper	MTC m
Pump	No.	Cementer		Helper	
Bulk	No. 222	Driver	RICK		
Bulk	No.	Driver			

DEPTH of Job			
Reference	Pump Truck		
	mileage		
	1 10 3/4 plug		
	Sub Total		
	Tax		
	Total		

Remarks: Pumped all cement  
 Reversed plug displaced  
 Down Cement did Circulate  
 BY Allied Cementing  
 Thanks Don  
 Haise

Charge To: Duke

Street: ORIGINAL

City: State:

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

Purchase Order No. X John J. Ambuster

CEMENT

Amount Ordered: 200 sk 60/40 2+3

Consisting of:

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

RECEIVED CORPORATION COMMIS DIVISION 1994

SALES TAX

Handing Equipment