

ORIGINAL

SIDE ONE

CONFIDENTIAL RELEASED MAR 05 1999

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

API NO. 15- 185-22,733-0000 County Stafford NE SE SE Sec. 33 Twp. 25 Rge. 11 West

Operator: License # 3180/30224 Name: Deutsch Oil Co./Dominion Oil Address 107 North Market - Suite 1115 City/State/Zip Wichita, KS 67202

Purchaser: Texaco 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: [X] New Well [] Re-Entry [] Workover [X] Oil [] SWD [] Temp. Abd. [] Gas [] Inj [] Delayed Comp. [] Dry [] Other (Core, Water Supply, etc.)

If CWO: old well info as follows: Operator:

Well Name: Comp. Date Old Total Depth

Drilling Method: [X] Mud Rotary [] Air Rotary [] Cable Spud Date 11-01-90 Date Reached TD 11-6-90 Completion Date 11-27-90

990 Ft. North from Southeast Corner of Section 330 Ft. West from Southeast Corner of Section (NOTE: Locate well in section plat below.)

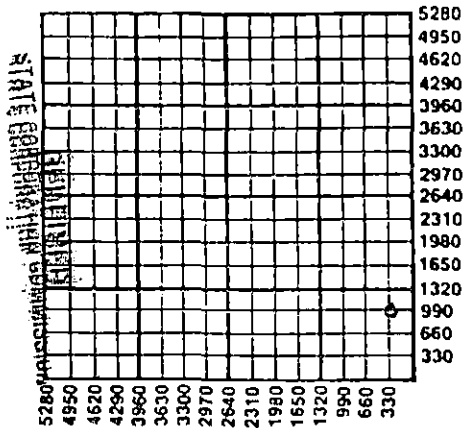
Lease Name Shumway Well # 2-33

Field Name Bauman

Producing Formation Mississippi

Elevation: Ground 1827 KB 1835

Total Depth 4125' PBD



Amount of Surface Pipe Set and Cemented at 263 Feet

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 cmt

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 [Signature] Title Owner Date 1-8-91

Subscribed and sworn to before me this 8th day of January, 1991

Notary Public [Signature]

Date Commission Expires 10-1-93

K.C.C. OFFICE USE ONLY
F [X] Letter of Confidentiality Attached
C [X] Wireline Log Received
C [X] Drillers Time Log Received
Distribution: [X] KCC [] SWD/Rep [] NGPA [] KGS [] Plug [] Other (Specify)

CONFIDENTIAL

SIDE TWO

Operator Name Deutsch Oil Co./Dominion Oil & Gas Lease Name Shumway Well # 2-33

Sec. 33 Twp. 25 Rge. 11 East County Stafford West

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample																								
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																									
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																									
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																									
		<table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>Heebner Sh.</td> <td>3382</td> <td>-1547</td> </tr> <tr> <td>Douglas Sh.</td> <td>3413</td> <td>-1578</td> </tr> <tr> <td>Brown Lime</td> <td>3558</td> <td>-1723</td> </tr> <tr> <td>Lansing</td> <td>3586</td> <td>-1715</td> </tr> <tr> <td>Base K.C.</td> <td>3911</td> <td>-2076</td> </tr> <tr> <td>Mississippi</td> <td>3988</td> <td>-2153</td> </tr> <tr> <td>Kinderhook Sh.</td> <td>4100</td> <td>-2265</td> </tr> </tbody> </table>	Name	Top	Bottom	Heebner Sh.	3382	-1547	Douglas Sh.	3413	-1578	Brown Lime	3558	-1723	Lansing	3586	-1715	Base K.C.	3911	-2076	Mississippi	3988	-2153	Kinderhook Sh.	4100	-2265
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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 1/2"	8-5/8"	20#	263'	60/40poz	175	2% gel 3% cc
Production	7-7/8"	4 1/2"		4109'	60/40poz	125	10% salt 5% Gilsonite
						25	Lite

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	3988-4004	1500 gals. 7 1/2% MCA	
		Frac: 195500# sd. w/ 80,000 gals gelled water.	

TUBING RECORD	Size <u>2 3/8"</u>	Set At <u>4074</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First Production <u>11-28-90</u>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. <u>100</u>	Gas" Mcf <u>50</u>	Water Bbls. <u>50</u>	Gas-Oil Ratio	Gravity <u>41</u>
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval 3988-4004