

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

Operator: License # 3180

Name: Deutsch Oil Company

Address 8100 E. 22nd St. North

Building 600 Suite D

City/State/Zip Wichita, Kansas 67226

Purchaser: None

Operator Contact Person: Kent Deutsch

Phone (316) 681-3567

Contractor: Name: Mallard JV Inc.

License: 4958

Wellsite Geologist: Kent Deutsch

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

11-15-97 11-22-97 01-20-98
Spud Date Date Reached TD Completion Date

API NO. 15- 145-214510000

County Pawnee

C - W/2 - SE 36 Twp. 23 Rge. 16 X E W

1320 Feet from S/N (circle one) Line of Section

1980 Feet from E/W (circle one) Line of Section

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

Lease Name JaffaMa Well # 1-36

Field Name Benson

Producing Formation None

Elevation: Ground 2049' KB 2054'

Total Depth 4175' PBTB _____

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.

Drilling Fluid Management Plan AH-1, 12-29-98 etc.
(Data must be collected from the Reserve Pit)

Chloride content 70000 ppm Fluid volume 320 bbls

Dewatering method used Vac. Truck

Location of fluid disposal if hauled offsite: _____

Operator Name DU Investents

Lease Name Shoemake SWD License No. 30690

NW Quarter - Sec. 20 Twp. 23 S Rng. 17W E/W

County Pawnee Docket No. D-24,054

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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.

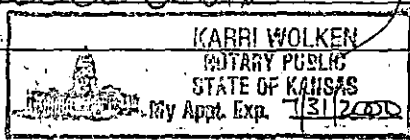
Signature Kent Deutsch

Title Owner Date 03-03-98

Subscribed and sworn to before me this 4th day of March 19 98

Notary Public Karri Wolken

Date Commission Expires _____



K.C.C. OFFICE USE ONLY
-F Letter of Confidentiality Attached
-C Wireline Log Received
-C Geologist Report Received
Distribution:
 KCC
 KGS
 SWD/Rep
 Plug
NOV 24 1998
KANSAS CORPORATION COMMISSION
MARTA, KS
Other (Specify) _____

Operator Name **Deutsche Oil Company** Lease Name **JahaMa** Well # **1-36**
 Sec. **36** Twp. **23** Rge. **16** East West
 County **Pawnee**

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:
 Dual Induction
 Compensated Neutron/Density

Name	Top	Datum
Winfield	2086	-32
Heebner	3534	-1480
Brown Lime	3671	-1617
Lansing	3679	-1625
Base K.C.	3933	-1879
Conglomerate	4046	-1992
Arbuckle	4169	-2115

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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	10 3/4"	8 5/8"	20#	263'	60/40 poz	210	2% gel 3% cc.
Production	7 7/8"	4 1/2"	10.5#	2553'	ASC	125	5# Kolseal

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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
4	2400-2403	250 gals. 15% MCA 1000 gals. 15% NE	
2	2030-2036, 2058-2062, 2086-2090, 2102-2105		

TUBING RECORD		Size None	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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

ALLIED CEMENTING CO., INC. ORIGINAL 3885

REMIT TO: P.O. BOX 31
 RUSSELL, KANSAS 67665

SERVICE POINT:
 GREAT BEND

DATE: 11-15-97	SEC: 36	TWP: 23S	RANGE: 16W	CALLED OUT: 5:15 AM	ON LOCATION: 7:30 AM	JOB START: 11:30 AM	JOB FINISH: 11:45 AM
LEASE: J.A. MA	WELL #: 1-36	LOCATION: KA Radium Rd. West to Marshall	COUNTY: TAUNSE	STATE: KANSAS			

CONTRACTOR: WALLARD DRILLING CO.

TYPE OF JOB: SURFACE JOB

HOLE SIZE: 12 1/4" TD: 263'

CASING SIZE: 8 5/8" DEPTH: 263'

TUBING SIZE: _____ DEPTH: _____

DRILL PIPE: _____ DEPTH: _____

TOOL: _____ DEPTH: _____

PRES. MAX: _____ MINIMUM: _____

MEAS. LINE: _____ SHOE JOINT: 4"

CEMENT LEFT IN CSG: 15'

PERFS: _____

OWNER: Deutch Oil Co.

CEMENT

AMOUNT ORDERED: 210 yd 60/40 Top 3% CC
2 1/2% EN

EQUIPMENT

PUMP TRUCK # 181 CEMENTER: BUA HELPER: BUA

BULK TRUCK # 342 DRIVER: RCK

BULK TRUCK # _____ DRIVER: _____

COMMON @ _____

POZMIX @ _____

GEL @ _____

CHLORIDE @ _____

HANDLING @ _____

MILEAGE @ _____

REMARKS:

Run 8 5/8" to 263' Circulate CG
Min 210 yd 60/40 Top 3% CC
Use Top 2% EN Pump Plug 102.5 Sols
Circulate 50% CEMENT
CELLAR FULL OF CEMENT

SERVICE

DEPTH OF JOB: 263'

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE @ _____

MILEAGE @ _____

PLUG 1 Top 8 5/8" Wood @ _____

CHARGE TO: Deutch Oil Co.

STREET: 107 W. MARKET #115 BILING TUG.

CITY: Wichita STATE: K ZIP: 67202

TOTAL _____

FLOAT EQUIPMENT

TOTAL _____

MARK'S
ALLIED

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 is listed. The above work was done to satisfaction and supervision of owner, agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE: Lester R. Uhl

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30-DAYS

ALLIED CEMENTING CO., INC. ORIGINAL

Federal Tax I.D.# 48-0727860

PO BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Great Bend, Ks

DATE 11-22-97	SEC. 36	TWP. 23	RANGE 16 W	CALLED OUT 10:30 PM	ON LOCATION 4:00 AM	JOB START 7:30 AM	JOB FINISH 8:45 AM
WELL # 1-36		LOCATION Zach, Ks 4-S 3 1/2 E 1/2 N			COUNTY Lawrence	STATE Ks	

CONTRACTOR Mallard Drilling		OWNER Same	
TYPE OF JOB Production Longstring		CEMENT	
HOLE SIZE 12 1/4"	T.D. 2545'	AMOUNT ORDERED 150 AX ASC - 500 gals ASF @ 5% Kol seal	
CASING SIZE 4 1/2"	DEPTH 2544'		
TUBING SIZE	DEPTH		
DRILL PIPE	DEPTH		
TOOL Insert	DEPTH 2532'		
PRES. MAX	MINIMUM	COMMON 150 ASC @ 8.20	1230.00
MEAS. LINE	SHOE JOINT 13'	POZ MIX	
CEMENT LEFT IN CSG 13'		GEL	
PERFS.		CHLORIDE	
DISPLACEMENT 40 1/2 + water loss		ASF 500 gals	@ 1.00 500.00
EQUIPMENT		Kol Seal 750 "	@ 3.80 285.00
PUMP TRUCK # 120	CEMENTER Dwaine A Smith		
	HELPER Kevin Rose	HANDLING 150	@ 1.05 157.50
BULK TRUCK # 341	DRIVER Kerry Rose	MILEAGE 39	@ 6.00 234.00
BULK TRUCK #	DRIVER		
			TOTAL \$ 2406.50

REMARKS:		SERVICE	
Ran 64 joints 4 1/2" 10 1/2" casing		DEPTH OF JOB 2544'	
Circulated hole @ rig pump (30 min)		PUMP TRUCK CHARGE 1080.00	
Plugged rat hole @ 15' - plugged mouse hole @ 10'		EXTRA FOOTAGE @	
Pumped 500 gals ASF mud sweep		MILEAGE @ 39 2.85 111.15	
mixed 125 AX ASC 8:00 AM		PLUG 4 1/2" Rubber @ 38.00 38.00	
Released plug @ displaced @ 40 1/2 BBS H2O			
Float did hold			
			TOTAL \$ 1229.15

CHARGE TO: **Deutsch Oil Co.**
STREET **107 N. Market Suite 1115**
CITY **Wichita** STATE **Ks** ZIP **67202**

FLOAT EQUIPMENT			
(4) 4 1/2 Baskets	129.00		516.00
(1) 4 1/2 Guide shoe	@ 140.00		140.00
(1) 4 1/2 Insert	@ 235.00		235.00
(6) 4 1/2 Centralizers	@ 53.00		318.00
			TOTAL \$ 1209.00

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX **- 0 -**

TOTAL CHARGE **\$ 4844.65**

DISCOUNT **\$ 726.70** IF PAID IN 30 DAYS

SIGNATURE **Casey Coats** PRINTED NAME **CASEY COATS**

Net \$ 4117.95

WICHITA CORPORATION
NOV 24 1998
CONSERVATION DIVISION
WICHITA, KS