

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1994
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

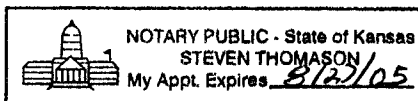
Operator: License # 32861
Name: B.T.O. Company
Address: 112 w. 35th Street
City/State/Zip: Hays, Kansas 67601
Purchaser: E.O.T.T.
Operator Contact Person: Chris Gottschalk
Phone: (785) 623-1524
Contractor: Name: Fischer Well Service
License: 32332
Wellsite Geologist: none
Designate Type of Completion:
☐ New Well ☒ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.
☐ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator: Sunray-DX Oil Company (Transwestern Oil)
Well Name: Carmichael #1
Original Comp. Date: 6-11-41 Original Total Depth: 3426
☐ Deepening ☐ Re-perf. ☐ Conv. to Enhr./SWD
☐ Plug Back ☐ Plug Back Total Depth
☐ Commingled ☐ Docket No.
☐ Dual Completion ☐ Docket No.
☐ Other (SWD or Enhr.?) ☐ Docket No.
6-21-01 7-11-01
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 051-04946-00-01
County: Ellis
C E/2 SW SE Sec. 11 Twp. 11 S. R. 18 ☐ East ☒ West
660 feet from S N (circle one) Line of Section
1650 feet from E W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Carmichael South Well #: 1
Field Name: Bemis-Shutts
Producing Formation: Arbuckle
Elevation: Ground: 1902 Kelly Bushing: 1906
Total Depth: 3429 Plug Back Total Depth: 3425
Amount of Surface Pipe Set and Cemented at 1179 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 OWWO 11/7/01 LB
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: Elysium
Lease Name: Burnett System License No.: _____
Quarter SW Sec. 12 Twp. 11 S. R. 18 ☐ East ☒ West
County: Ellis Docket No.: _____

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 of 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: Chris Gottschalk
Title: PARTNER Date: 10-23-01
Subscribed and sworn to before me this 23 day of October,
2001
Notary Public: Steven Thomason
Date Commission Expires: 8/27/05



KCC Office Use ONLY

☐ Letter of Confidentiality Attached
☒ If Denied, Yes ☐ Date: _____
☒ Wireline Log Received
☐ Geologist Report Received
☐ UIC Distribution

IOG

Operator Name: B.T.O. Company Lease Name: Carmichael South Well #: 1
 Sec. 11 Twp. 11 S. R. 18 ☐ East ☒ West County: Ellis

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)	☐ Yes ☒ No	☒ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☐ Yes ☒ No	Name	Top	Datum
Cores Taken	☐ Yes ☒ No	Topeka Lm.	2857	-951
Electric Log Run (Submit Copy)	☒ Yes ☐ No	Heebner Sh.	3079	-1173
List All E. Logs Run:		LKC	3121	-1215
ELI Wireline (GR/N Log)		Arbuckle	3422	-1516
		LTD	3429	-1523

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		9"		1179'	CWC	500	
Production		5.1/2"		3421'	Com	75	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☒ Protect Casing	2390'	Com	245	
☐ Plug Back TD				
☒ Plug Off Zone	3425-29'	Com	75	

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
2	3423-24'	250 gal 15% NEFE	

TUBING RECORD		Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
		2.7/8"	3375'			
Date of First, Resumed Production, SWD or Enhr. 7-16-01			Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	5		360			

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