Porm ACO-1 September 1999 ORIGINA Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 7076	API No. 15 - 051-25,580-00-00
Name: BLACK DIAMOND OIL, INC.	County: Ellis
Address: P.O. Box 641	S/2N/2 NE Sec. 22 Twp. 11 S. R. 19W ☐ East X West
City/State/Zip: Hays, KS 67601	990 feet from (N) (circle one) Line of Section
Purchaser:	1320 feet from (E) (circle one) Line of Section
Operator Contact Person: Kenneth Vehige	Footages Calculated from Nearest Outside Section Corner:
Phone: (_785_) _625-5891	(circle one) (NE) SE NW SW
Contractor: Name: Discovery Drilling Co., Inc.	Lease Name: VINE "E" Well #: 7
License: 31548	Field Name: Solomon
Wellsite Geologist: Tony Richardson	Producing Formation:Arbuckle
Designate Type of Completion:	Elevation: Ground: 1935 Kelly Bushing: 1943
X New Well Re-Entry Workover	Total Depth: 3540 Plug Back Total Depth:
X OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 222.91 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐Yes ※No
	If yes, show depth setFeet
Dry Other (Core, WSW, Expl., Cathodic, etc)	If Alternate II completion, cement circulated from 3538
If Workover/Re-entry: Old Well Info as follows:	feet depth to Surface w/ 425 sx cmt.
Operator:	(15sks In Rat Hole)(10sks In Mouse Hole)
Well Name:	Drilling Fluid Management Plan AUTWH
Original Comp. Date:Original Total Depth:	(Data must be collected from the Heserve Pit) 12-14-07
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 18,000 ppm Fluid volume 300 bbls
Plug BackPlug Back Total Depth	Dewatering method used Evaporation
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No.	Operator Name:
Other (SWD or Enhr.?) Docket No.	Lease Name: License No.:
10/24/06 10/29/06 10/30/06	Quarter Sec Twp S. R East _ West
Spud Date or Date Reached TD Completion Date or Recompletion Date	
Hecompletion Date Hecompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workove information of side two of this form will be held confidential for a period of 1	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulation are complete and correct to the best of my knowledge.	ate the oil and gas industry have been fully complied with and the statements
Signature: Small Me	KCC Office Use ONLY
Title: Owner pate: 1-22-07	Letter of Confidentiality Attached
Subscribed and sworn to before me this 22 day of	If Denied, Yes Date:
j	Wireline Log Received
19 D7.	Geologist Report Received RECEIVED
Notary Public: //erola// Mi	VERDA M. BRIN FEB 2 8 2007
Date Commission Expires: 7-18-07	NOTARY PUBLIC
E BB My	STATE OF KANSAS APPL. Exp. 278-07 KCC WICHITA

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perator Name: BLA	CK DIAMOND	OIL, INC.	Lease	Name:	VINE '	'E''	. Well #:	7	
c. 22 Twp. 11	s. R. 19W	☐ East X West			Ellis			may have a fine of the state of	
STRUCTIONS: Show sted, time tool open an imperature, fluid recove actric Wireline Logs sur	d closed, flowing ry, and flow rates	and shut-in pressu if gas to surface te	res, whether sh st, along with fi	ut-in pressi	ure reached s	tatic level, hydro	static pressur	es, bottom ho	ole
ill Stem Tests Taken (Attach Additional Shee	ets)	∑XYes □ N	o	∑ Log	∑Log Formation (Top), Depth		nd Datum	Sample	
amples Sent to Geologi		☐ Yes 【XN	o	Name Anhvo	drite		_{Тор} 1229	Datu +71	
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_	ated Densiduction, Mi								
			BING RECORD	X New urface, interm	Used	on, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Wei		Setting Depth	Type of Cement	# Sacjs Used	Type and I Additi	
Surface Pipe	121/4	8 5/8	20		222.91	Common	150	2%Ge1&3	}%CC
Production St	. 77/8	5 <u>1</u>	14		3538	SMDC	425		
		ADDITIO	ONAL CEMENT	NG / SQUE	EZE RECORD				
Purpose: Perforate	Depth Top Bottom	Type of Cemen	#Sacks	#Sacks Used		Type and F	Percent Additive	s	
Protect Casing X Plug Back TD Plug Off Zone	3495								
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type sots Per Foot Specify Footage of Each Interval Perforated				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth				
2	3460-65				1500 gal 15%				· · · · · · · · · · · · · · · · · · ·
TUBING RECORD	Size	Set At	Packer	1	Liner Run	Yes XN			
Date of First, Resumerd P	2-7/8 roduction, SWD or I	3450 Enhr. Producir	NOI ng Method	ne L		•			
11/30/06				Flowing	X Pumpi	ng 🔲 Gas L	ift O	her (Explain)	
Estimated Production Per 24 Hours	Oil 9	Bbls. Gas	Mcf O	Water Bbls. Gas-Oil Ratio			Gravity		
	METHOD OF COMPLETION				Production Interval				



P.O. Box 763 · Hays, KS 67601 · OFFICE (785) 623-2920 · CELLULAR (785) 635-1511

DRILLER'S LOG

Operator: Black Diamond Oil, Inc. LIC# 7076

PO Box 641

Hays, KS 67601

Lease: Vine "E" #7

Contractor: Discovery Drilling Co., Inc. LIC#31548

PO Box 763

Hays, KS 67601

Location: S/2 N/2 / NE

Sec. 22 / 11S / 19W

Ellis Co., KS

Loggers Total Depth: 3529' @ 3530' RTD

Rotary Total Depth: 3540'

Commenced: 10/24/2006

Casing: 8 5/8" @ 222.91' w / 150 sks

5 1/2" @ 3538' w / 425 sks

API#15- 051-25, 580-00-00

Elevation: 1935' GL / 1943' KB

Completed: 10/30/2006

Status: Oil Well

DEPTHS & FORMATIONS (All from KB)

Surface, Sand & Shale	:	0'	Shale	1270'
Dakota Sand		588'	Shale & Lime	1795'
Shale		642'	Shale	2106'
Cedar Hill Sand		717'	Shale & Lime	2420'
Red Bed Shale		912'	Lime & Shale	2928'
Anhydrite		1225'	RTD	3540'
Base Anhydrite		1270'		
STATE OF KANSAS)) ss			
COUNTY OF ELLIS)			

Thomas H. Alm of Discovery Drilling states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned well.

Thomas H. Alm

Subscribed and sworn to before me on

My Commission expires:

(Place stamp or seal below)

Notary Public

NOTARY PUBLIC - State of Kansas GLENNA S My Appt. Exp.

RECEIVED FEB 2 8 2007 KCC WICHITA

SWIFT Services, Inc.

LEASE, JOB TYPE

PRESSURE (PSI)
TUBING CASING DE **JOB LOG** CUSTOMER Black Dian TICKET NO. CHART NO. VOLUME (BBL) (GAL) PUMPS TIME DESCRIPTION OF OPERATION AND MATERIALS 1645 35 1658 RECEIVED

FEB 2 8 2007

KCC WICHIT/

ALL'ED CEMENTING CC INC.

33354

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