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KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

NOV 09 2001

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

KCC WICHITA

ORIGINAL

Operator: License # 7076

Name: BLACK DIAMOND OIL, INC.

Address: P.O. Box 641

City/State/Zip: Hays, KS 67601

Purchaser: NCRA

Operator Contact Person: Kenneth Vehige

Phone: (785) 625-5891

Contractor: Name: Discovery Drilling Co., Inc.

License: 31548

Wellsite Geologist: Kenneth Vehige

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: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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. _____

<u>7/11/01</u>	<u>7/18/01</u>	<u>7/19/01</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 137-20,418-0000

County: Norton

15 N & 110 W of
N/2 - SW - NW - Sec. 27 Twp. 4 S. R. 22 East West

1635 feet from S / (N) (circle one) Line of Section

550 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Sanson Well #: 1

Field Name: Hansen Estate NW

Producing Formation: Arbuckle

Elevation: Ground: 2247 Kelly Bushing: 2255

Total Depth: 3702 Plug Back Total Depth: 3700

Amount of Surface Pipe Set and Cemented at 208.94 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1840 Feet

If Alternate II completion, cement circulated from 1840

feet depth to Surface w/ 315 sx cmr.

Drilling Fluid Management Plan CP #2 RGR 8/8/07
(Data must be collected from the Reserve Pit)

Chloride content 7,000 ppm Fluid volume 320 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License No.: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ 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: [Signature]

Title: Owner/Operator Date: 11-5-01

Subscribed and sworn to before me this 5th day of November

2001

Notary Public: [Signature]

Date Commission Expires: 7-18-2003

KCC Office Use ONLY


Letter of Confidentiality Attached

If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

 VERDA M. BRIN
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. _____

Operator Name: BLACK DIAMOND OIL, INC. Lease Name: Sansom Well #: 1
 Sec. 27 Twp. 4 S. R. 22W East West County: Norton

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: <p style="text-align: center;">Dual Induction, Sonic, Neutron-Density</p>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1886</td> <td>+369</td> </tr> <tr> <td>Topeka</td> <td>3207</td> <td>-952</td> </tr> <tr> <td>Lansing KC</td> <td>3454</td> <td>-1199</td> </tr> <tr> <td>Arbuckle</td> <td>3698</td> <td>-1443</td> </tr> </table>	Name	Top	Datum	Anhydrite	1886	+369	Topeka	3207	-952	Lansing KC	3454	-1199	Arbuckle	3698	-1443
Name	Top	Datum														
Anhydrite	1886	+369														
Topeka	3207	-952														
Lansing KC	3454	-1199														
Arbuckle	3698	-1443														

CASING RECORD <input checked="" 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	# Sacs Used	Type and Percent Additives
Surface Pipe	12 1/4	8 5/8	20	208.94	Common	150	2%Gel&3%CC
Production String	7 7/8	5 1/2	14	3701	ASC	315	2%Gel

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	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
4	3598-3700	250 gal MCA, 1000gal Mod 303	

TUBING RECORD	Size <u>2 7/8</u>	Set At <u>3695</u>	Packer At <u>None</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. <u>15</u>	Gas Mcf	Water Bbls. <u>10</u>	Gas-Oil Ratio <u> </u> Gravity <u>26.0</u>

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

(If vented, Sumit ACC-18.)

METHOD OF COMPLETION Production Interval

ALLIED CEMENTING CO., INC.

6292

Federal Tax I.D.#

SERVICE POINT ORIGINAL

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

DATE <u>7-11-01</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>4:00pm</u>	JOB START	JOB FINISH <u>10:30am</u>
LEASE <u>Sullivan</u>	WELL # <u>1</u>	LOCATION <u>Denmore 2w 21n</u>		COUNTY <u>Worton</u>	STATE <u>Ks</u>		
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR Discovery Drilling

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 210

CASING SIZE 8 7/8 DEPTH 208 20"

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 10 15

PERFS. _____

DISPLACEMENT 12 1/2 bbl

OWNER _____

CEMENT AMOUNT ORDERED 150 Cem 3% cc
29 gal

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER mate

315 HELPER Bill

BULK TRUCK

_____ DRIVER Steve

BULK TRUCK

_____ DRIVER _____

RECEIVED

NOV 09 2001

KCC WICHITA SERVICE

TOTAL _____

REMARKS:

Cement Cure

[Signature]

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

PLUG 8 7/8 _____ @ _____

_____ @ _____

_____ @ _____

CHARGE TO: Black Diamond

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____

_____ @ 11 _____

_____ @ _____

_____ @ _____

To Allied Cementing Co., Inc.

40.66
Golf

ALLIED CEMENTING CO., INC. 6297

Federal Tax I.D.#

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

SERVICE POINT **ORIGINAL**
K

DATE <u>7-19-01</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>6:30 pm</u>	JOB START <u>9:30 pm</u>	JOB FINISH <u>10:15 pm</u>
LEASE <u>Kansas</u>	WELL # <u>1</u>	LOCATION <u>Denmore ZW 2N 12W</u>			COUNTY <u>Newton</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Discovery 2
 TYPE OF JOB Prod Stn
 HOLE SIZE 7 7/8 T.D. 3702
 CASING SIZE 5 1/2 DEPTH 3700
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 27"
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT 90 bbl

OWNER
 CEMENT AMOUNT ORDERED 150 ASC
29 gal
500 gal W/K 2

EQUIPMENT
 PUMP TRUCK CEMENTER Wank
 # 345 HELPER Bull
 BULK TRUCK
 # 213 DRIVER Norm
 BULK TRUCK
 # DRIVER

COMMON @
 POZMIX @
 GEL @
 CHLORIDE @
 @
 @
 @
 @
 @
 HANDLING @

MILEAGE
 RECEIVED
 NOV 09 2001
 KCC WICHITA SERVICE

REMARKS:
105' @ Household
155' @ Kuthole
float held
Stuck
CU

DEPTH OF JOB
 PUMP TRUCK CHARGE
 EXTRA FOOTAGE @
 MILEAGE @
 PLUG 5 1/2 IRP @
 @
 @

CHARGE TO: Black Diamond
 STREET
 CITY STATE ZIP

TOTAL
 FLOAT EQUIPMENT
 @
 @
 @
 @
 @