

KANSAS CORPORATION COMMISSION **ORIGINAL**
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 7076
Name: Black Diamond Oil, Inc.
Address 1: P.O. Box 641
Address 2: _____
City: Hays State: KS Zip: 67601 + _____
Contact Person: Kenneth Vehige
Phone: (785) 625-5891
CONTRACTOR: License # 33575
Name: WW Drilling
Wellsite Geologist: Tony Richardson
Purchaser: Coffeyville Resources

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., 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 Conv. to SWD
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

<u>3/29/2011</u>	<u>4/3/2011</u>	<u>4/4/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 137-20544-00-00
Spot Description: _____
S/2 NE SE NW Sec. 36 Twp. 4 S. R. 21 East West
1,670 Feet from North / South Line of Section
2,310 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Norton
Lease Name: States Ag Well #: 1-36
Field Name: Wildcat
Producing Formation: Lansing KC
Elevation: Ground: 2072 Kelly Bushing: 2077
Total Depth: 3595 Plug Back Total Depth: 3560
Amount of Surface Pipe Set and Cemented at: 221 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 3594
feet depth to: Surface w/ 570 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 3000 ppm Fluid volume: 240 bbls
Dewatering method used: Air Dry
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

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.

AFFIDAVIT

I am the affiant and I hereby certify that 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: Prca. Date: 7/6/2011

KCC Office Use ONLY RECEIVED

Letter of Confidentiality Received
Date: JUL 15 2011
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: DJg Date: 7/15/11
KCC WICHITA

Operator Name: Black Diamond Oil, Inc. Lease Name: States Ag Well #: 1-36
 Sec. 36 Twp. 4 S. R. 21 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 complete copy of all Electric Wire-line 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 checked="" type="checkbox"/> Yes <input 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Density/Neutron, Micro, Sonic, Dual Induction	<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:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1674</td> <td>+403</td> </tr> <tr> <td>Topeka</td> <td>3052</td> <td>-975</td> </tr> <tr> <td>Heebner</td> <td>3259</td> <td>-1182</td> </tr> <tr> <td>Lansing KC</td> <td>3303</td> <td>-1226</td> </tr> <tr> <td>Arbuckle</td> <td>3553</td> <td>-1476</td> </tr> </table>	Name	Top	Datum	Anhydrite	1674	+403	Topeka	3052	-975	Heebner	3259	-1182	Lansing KC	3303	-1226	Arbuckle	3553	-1476
Name	Top	Datum																	
Anhydrite	1674	+403																	
Topeka	3052	-975																	
Heebner	3259	-1182																	
Lansing KC	3303	-1226																	
Arbuckle	3553	-1476																	

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	12 1/4	8 5/8	23 #	221	Common	150	3 % CC, 2 % Gel
Production	7 7/8	5 1/2	15.5 #	3594	AMD	570	

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 <i>(Amount and Kind of Material Used)</i>	Depth
4	3446-48	500 gals 15% MCA	

TUBING RECORD:	Size: <u>2 7/8</u>	Set At: <u>3500</u>	Packer At: <u>None</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	KCC WICHITA
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Date of First, Resumed 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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	6	0	30		24

DISPOSITION OF GAS: <input checked="" type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3446-48</u>
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ALLIED CEMENTING CO., LLC.

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

SERVICE POINT: Russell

DATE <u>3-29-11</u>	SEC. <u>36</u>	TWP. <u>4</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START <u>8:00a</u>	JOB FINISH <u>3:30p</u>
LEASE <u>States A</u>	WELL # <u>1-31</u>	LOCATION <u>Cogan. 4w Sinto</u>			COUNTY <u>Norton</u>	STATE <u>Ks.</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Wm Drilling Rj #6

TYPE OF JOB Surface Job

HOLE SIZE 12 1/4 T.D. 223'

CASING SIZE 8 5/8 DEPTH 221' 89

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15

PERFS.

DISPLACEMENT 13661

OWNER

CEMENT

AMOUNT ORDERED 150 Co. 38cc 2864

COMMON	<u>150</u>	@	<u>16.25</u>	<u>2437.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>21.25</u>	<u>63.75</u>
CHLORIDE	<u>5</u>	@	<u>58.20</u>	<u>291.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>158</u>	@	<u>2.25</u>	<u>355.50</u>
MILEAGE	<u>1115k/m.l.</u>			<u>1129.70</u>
TOTAL				<u>4277.45</u>

EQUIPMENT

PUMP TRUCK CEMENTER Shang Heall

412 HELPER Tony

BULK TRUCK

328 DRIVER Mark

BULK TRUCK

DRIVER

REMARKS:

Run 5 jts. + Landig Jt.

Est Circulation

Mixed 150 sks

Cement Circulated

CHARGE TO: Black Diamond

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 1125.00

EXTRA FOOTAGE @

MILEAGE 130 @ 7.00 910.00

MANIFOLD @

CVR RECEIVED @ 4.00 520.00

JUL 15 2011

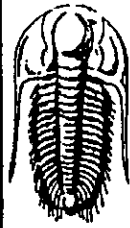
TOTAL 2555.00

KCC WICHITA
PLUG & FLOAT EQUIPMENT

Thanks!

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cement and labor...

	@	
	@	
	@	
	@	
	@	



TRILLOBITE TESTING, INC

DRILL STEM TEST REPORT

Black Diamond

States Ag 1-36

PO Box 641
Hays, KS 67601

36-4-21 Norton, KS

ATTN: Tony Richardson

Job Ticket: 41858

DST#: 1

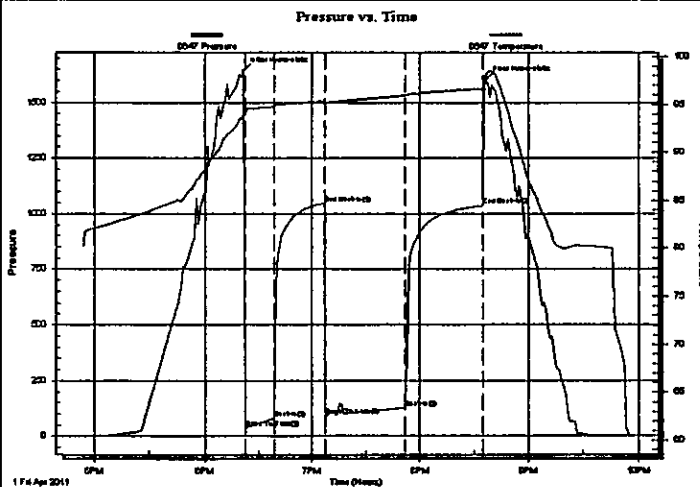
Test Start: 2011.04.01 @ 16:53:37

GENERAL INFORMATION:

Formation: LKC "C-F"
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:22:36
 Time Test Ended: 21:55:36
 Interval: 3318.00 ft (KB) To 3363.00 ft (KB) (TVD)
 Total Depth: 3663.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Brian Fairbank
 Unit No: 41
 Reference Elevations: 2077.00 ft (KB)
 2072.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8647 Outside
 Press@RunDepth: 126.65 psig @ 3323.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.04.01 End Date: 2011.04.01 Last Calib.: 2011.04.01
 Start Time: 16:53:37 End Time: 21:55:36 Time On Btmr: 2011.04.01 @ 18:21:36
 Time Off Btmr: 2011.04.01 @ 20:36:36

TEST COMMENT: FFP - weak to fair blow sur - 3 1/2"
 ISI - no blow back
 FFP - weak to good blow sur - 6"
 FSI - no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1643.89	93.72	Initial Hydro-static
1	35.64	94.04	Open To Flow (1)
17	79.51	94.74	Shut-In(1)
46	1048.00	95.37	End Shut-In(1)
46	93.29	95.10	Open To Flow (2)
90	126.65	95.93	Shut-In(2)
134	1036.13	96.67	End Shut-In(2)
135	1602.87	98.15	Final Hydro-static

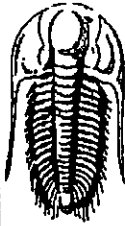
Recovery

Length (ft)	Description	Volume (bbl)
125.00	MW 80%W, 20%M	0.62
75.00	O sptd WM 20%W, 80%M	1.05

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcfd)

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Black Diamond

States Ag 1-36

PO Box 641
Hays, KS 67601

36-4-21 Norton, KS

Job Ticket: 41859

DST#: 2

ATTN: Tony Richardson

Test Start: 2011.04.02 @ 11:43:09

GENERAL INFORMATION:

Formation: LKC "H-L"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:12:38

Time Test Ended: 17:44:38

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: 3410.00 ft (KB) To 3498.00 ft (KB) (TVD)

Total Depth: 3498.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2077.00 ft (KB)

2072.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8647

Outside

Press@RunDepth: 169.67 psig @ 3417.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.04.02

End Date:

2011.04.02

Last Calib.: 2011.04.02

Start Time: 11:43:09

End Time:

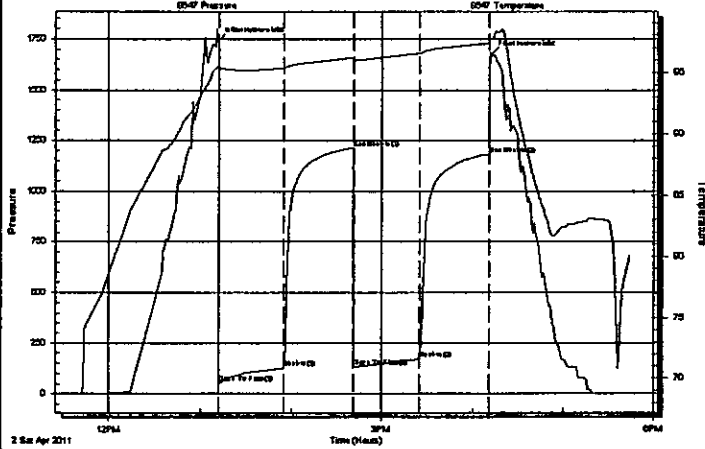
17:44:38

Time On Btm: 2011.04.02 @ 13:11:38

Time Off Btm: 2011.04.02 @ 16:12:08

TEST COMMENT: IFP - BOB 33 min
ISI - no blow back
FFP - BOB 35 min
FSI - no blow back

Pressure vs. Time



PRESSURE SUMMARY

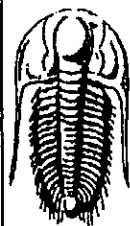
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1738.43	95.46	Initial Hydro-static
1	55.27	95.21	Open To Flow (1)
44	125.83	95.34	Shut-In(1)
90	1215.99	96.20	End Shut-In(1)
90	133.91	95.73	Open To Flow (2)
134	169.67	96.54	Shut-In(2)
179	1183.76	97.37	End Shut-In(2)
181	1674.91	97.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	O & MCW 5%O, 5%M 90%W	0.69
90.00	O & WCM 15%O, 35%W, 50%M	1.26
60.00	FREE OIL 95%O, 5%M	0.84

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Black Diamond

States Ag 1-36

PO Box 641
Hays, KS 67601

36-4-21 Norton, KS

Job Ticket: 41860

DST#: 3

ATTN: Tony Richardson

Test Start: 2011.04.03 @ 06:05:57

GENERAL INFORMATION:

Formation: LKC "E-F"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:26:26

Time Test Ended: 11:02:56

Test Type: Conventional Straddle

Tester: Brian Fairbank

Unit No: 41

Interval: 3355.00 ft (KB) To 3377.00 ft (KB) (TVD)

Total Depth: 3595.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2077.00 ft (KB)

2072.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8647

Outside

Press@RunDepth: 228.57 psig @ 3362.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.04.03

End Date:

2011.04.03

Last Calib.: 2011.04.03

Start Time: 06:05:57

End Time:

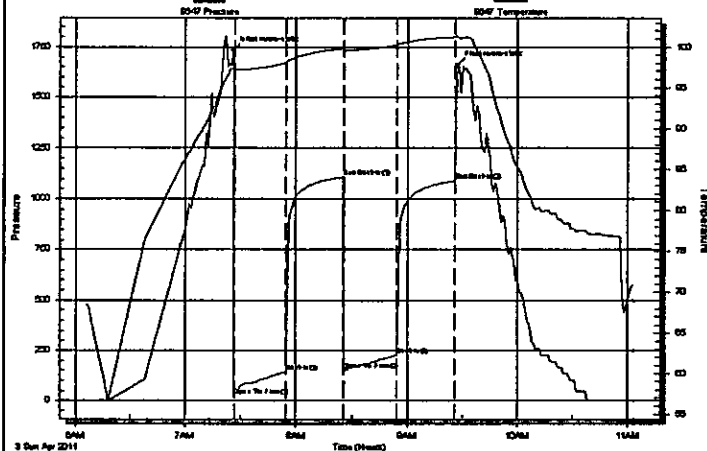
11:02:56

Time On Btm: 2011.04.03 @ 07:25:26

Time Off Btm: 2011.04.03 @ 09:27:26

TEST COMMENT: IFP - BOB 9 min
ISI - no blow back
FFP - BOB 11 min
FSI - no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1734.00	97.34	Initial Hydro-static
1	27.07	96.44	Open To Flow (1)
29	143.89	98.04	Shut-In(1)
60	1105.72	99.78	End Shut-In(1)
61	153.91	99.40	Open To Flow (2)
89	228.57	100.19	Shut-In(2)
121	1088.05	101.18	End Shut-In(2)
122	1664.32	101.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
185.00	MW 70%W, 30%M	1.47
125.00	OCMW 10%O, 50%W, 40%M	1.75
185.00	W & MCO 60%O, 10%W, 30%M	2.60

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcft)



WW DRILLING, LLC

PO Box 307 WaKeeney, KS 67672

Office: 785-743-6774 Fax: 785-743-6752

PIPE & TUBING TALLY BOOK

DATE 4-3-11 COMPANY BLACK DIAMOND OIL LEASE SITES 15# 1-36 WELL NO. 1-36

SIZE <u>5 1/2</u>	WEIGHT <u>15.5</u>	MAKE	GRADE	RANGE <u>3</u>
THREAD	COLLAR LENGTH	CONDITION <u>N/CW</u>	TRANSFER NOS.	OVERALL TALLY <input type="checkbox"/>
				THREADS OFF TALLY <input type="checkbox"/>

Joint No.	Feet	Hnd	Joint No.	Feet	Hnd	Joint No.	Feet	Hnd	Joint No.	Feet	Hnd	Joint No.	Feet	Hnd	Joint No.	Feet	Hnd	Joint No.	Feet	Hnd	Joint No.	Feet	Hnd														
1	41	41	21	41	87	41	34	65	61	43	61	81	43	73	101			121			141																
2	36	13	22	38	47	42	40	78	62	36	56	82	41	75	102			122			142																
3	40	44	23	41	23	43	43	30	63	42	20	83	39	80	103			123			143																
4	42	12	24	35	18	44	42	82	64	44	47	84	44	45	104			124			144																
5	41	04	25	37	28	45	35	10	65	35	53	85	37	06	105			125			145																
6	33	22	26	40	20	46	44	43	66	34	25	86	41	44	106			126			146																
7	41	10	27	44	44	47	44	21	67	43	76	87	44	38	107			127			147																
8	41	25	28	39	52	48	37	98	68	38	23	88	44	17	108			128			148																
9	43	55	29	43	78	49	44	42	69	43	63	89	44	47	109			129			149																
10	46	32	30	42	03	50	44	10	70	36	02	90	42	24	110			130			150																
11	36	12	31	34	73	51	40	96	71	43	83	91			111			131			151																
12	34	02	32	41	69	52	43	74	72	39	46	92			112			132			152																
13	40	38	33	44	30	53	44	48	73	39	54	93			113			133			153																
14	36	46	34	44	47	54	40	57	74	42	84	94			114			134			154																
15	38	62	35	43	15	55	44	42	75	41	65	95			115			135			155																
16	36	58	36	44	45	56	36	89	76	43	27	96			116			136			156																
17	35	17	37	44	27	57	38	23	77	44	33	97			117			137			157																
18	38	23	38	44	46	58	44	45	78	43	24	98			118			138			158																
19	40	08	39	39	34	59	36	14	79	34	78	99			119			139			159																
20	42	24	40	41	46	60	31	78	80	41	35	100			120			140			160																
	786	68		827	79		815	97		819	35		427	29																							
																3677.05	TOTALS																				

Drillers TD 3595 Loggers TD 3571
 No. Jts. Run 88 Size 5 1/2" Wt. 15.5 Tested 4/10/11
 Cent @ 1, 3, 5, 7, 9, 11, 13, 47
 Basket @ 1, 10, 48 D. V. Tool @ _____ Port Collar @ _____
 Cemented by ALLIED SKs. Type Cement 600 APT D
 Flush _____
 Jts. To Be Left Out (82) 41.95 (65) 37.06
 Shoe Jt. 33.82 Pipe Set @ 3595' Off Bottom 2'
 Plug Down 11:00 AM (PM) 8/13/11 Rig Release @ 1:00 AM (PM) 4/14/11
 Job by Doc Bickler
 Pipe Left On Location 41.95, 37.06 Jts. Talley _____ Threads On _____

RECEIVED
 JUL 15 2011
 KCC WICHITA

API # 15-137-20544-00-00

Operator: Black Diamond Oil, Co.

Well Name & No: Ststes Ag. #1-36

Location: 1,670'FNL & 2,310'FWL Sec.36-4s-21w

County: Norton

State: Kansas

Rig No.: 6 Contractor: WW Drilling, LLC

Tool Pusher: Mark Bigge 785-259-1836

Drill Collars: 14 Size: 6 1/4 X 2 1/4

Rig Phone: 785-259-6941

Make Pump: National K-380

Liner & Stroke: 6 x 14

Spud 3/29/2011 @ 11:15 AM

Approx. TD: 3750 Arb.

Elevation: 2072

K.B. 2077

KB Hole Complete: 4/02/2011 @ 11:00 pm

Mud Co.: Andys Mud

Mud Engineer: Krik Werth

Water Pond

Date	03/29/11	03/30/11	03/31/11	04/01/11	04/02/11	04/03/11	04/04/11		
Days	1-Spud	2-drlg	3-drlg	4-cfs	5-drlg	6-dst #3	7-done		
Depth		1040	2570	3315	3490	3595	3595		
Ft. Cut		1040	1530	745	175	105			
D.T.		1-FF	3/4pump						
D.T.		8-WOC	1.5HIP						
C.T.				1	15.5	19.25	18		
Bit Wt.		25,000	35,000	38,000	38,000	38,000			
RPM		90	85	85	85	85			
Pressure		700	800	900	900	900			
SPM		60	60	60	60	60			
Mud Cost				6866	6866	7381	7381		
Mud Wt.		8.9	9.2	8.9	9.1	9.3			
Viscosity		28	28	62	65	65			
Water Loss				8	8	8			
Chlorides				800	800	3000			
L.C.M.				2#	1.5 #	1 #			
Dev. Sur		1/2'@221			1'-3363	1'-3595			
Dev. Sur									
Fuel	2187	1944	1539	1134	2916	2673	2592		
Water-Pit		full	full	full	full	full			
ACC Bit Hrs.		7.25	27.75	49.25	57.5	61.75			
Formation		sd-sh	sd-sh	sh-lm	sh-lm	sh-lm			
Weather		cloudy	cloudy	cloudy	clear	clear	cloudy		

No.	Size	Type	Out	Ft.	Hrs.	Cum Hrs.	Bit Cond	Serial #	Tops
1	12 1/4	Smith	221	221	2.5	2.5	RR	PK 7318	
2	7 7/8	Sm - F-27	3595	3374	61.75	64.25	New	PS 6346	56 fph
3									
4									

DEPTH	SIZE	SACKS	CEMENT MATERIAL	PLUG DOWN	DRILLED OUT	REMARKS
221	8 5/8	150	Common, 3% cc, 2% gel	3:00 PM	11:00 PM	Allied Did Circulate

NO	INTERVAL	OPEN	SHUT	OPEN	SHUT	RECOVERY
1	3318-3363	15	30	45	45	200' muddy water
2	3410-3498	45	45	45	45	60' O, 220' OCMW
3	3355-3377	30	30	30	30	185' WMCO, 125' OCMW, 185' MW
4						
5						
6						
7						
8						
9						

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Surface Casing Furnished by: Midwest Pipe Works 5jts. 8 5/8 X 214.89 Set @ 220.89'

Remarks: Spud 03/29/2011 Strapped & Welded. Anhydrite; 1676-1700, displaced 2892(580 bbls), short trip 36 stds(3.25 hrs), strap pipe 1.5 short, short trip 10 stds(1 hr), logged by Superior (LTD 3595) 3.75 hrs, running straddle, 04/03/2011 Ran 88jts. 5.5# 5 1/2 X 3598' Set @ 3594' Plug Down @ 11:00 PM 04/03/2011, Rig Released @ 1:00 AM 04/04/2011.