

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

for
mtr
7/29/08

Operator: License # 33060
Name: Diversified Operating Corporation
Address: 15000 West 6th Ave. Suite 102
City/State/Zip: Golden, CO 80401
Purchaser: Not Available Yet
Operator Contact Person: Bill Warburton
Phone: (303) 384-9611
Contractor: Name: Duke Drilling Co., Inc
License: 5929
Wellsite Geologist: Troy Fowler

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW 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>04/26/08</u>	<u>05/08/08</u>	<u>06/18/08</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 025-21439-0000
County: Clark
SW SE SE Sec. 3 Twp. 31 S. R. 21 East West
612 feet from (S) N (circle one) Line of Section
727 feet from (E) W (circle one) Line of Section

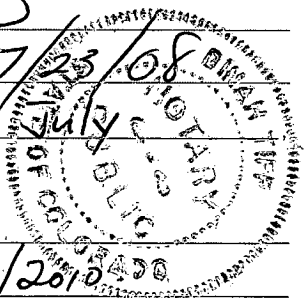
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Smith Well #: 3-16-10
Field Name: Calvary Creek
Producing Formation: Simpson Sand
Elevation: Ground: 2201' Kelly Bushing: 2214'
Total Depth: 6300 Plug Back Total Depth: 6274
Amount of Surface Pipe Set and Cemented at 675 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 A11 1 NOR 8-6-08
(Data must be collected from the Reserve Pit)
Chloride content 38000 ppm Fluid volume 1000 bbls
Dewatering method used Natural Drying and Hauling
Location of fluid disposal if hauled offsite:
Operator Name: Native American Water Service
Lease Name: German #2 License No.: 630540
Quarter _____ Sec. 28 Twp. 29 S. R. 22 East West
County: Harper, OK 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: Bill Warburton
Title: Petroleum Engineer Date: 7/23/08
Subscribed and sworn to before me this 23rd day of July
08
Notary Public: Cybil J. J.
Date Commission Expires: 4/19/2010



KCC Office Use ONLY

Letter of Confidentiality Received

If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

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Operator Name: Diversified Operating Corporation Lease Name: Smith Well #: 3-16-10
 Sec. 3 Twp. 31 S. R. 21 East West County: Clark

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 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:

DIL, CDNPE, CBL

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 Simpson Sand 6215 -4001

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
Conductor	30	20		60	Grout		
Surface	12 1/4	8 5/8	24#	675	65/35 Lite + C	275 + 100	3% CC
Production	7 7/8	4 1/2	10.5 #	6287	50/50 Poz	150	10% Salt

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 SPF	6215 to 6220	750 Gal 7.5% Acid, 23000# Sd 540 bbls Fluid	6215-20

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TUBING RECORD	Size	Set At	Packer At	Liner Run	CONSERVATION DIVISION WICHITA, KS
	2 3/8	6261		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Date of First, Resumerd Production, SWD or Enhr. SIOW Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	50	0	10		

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

ALLIED CEMENTING CO., LLC. 34026

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

SERVICE POINT:
Medicine Lodge, KS

DATE <u>28 APR 08</u>	SEC. <u>03</u>	TWP. <u>31s</u>	RANGE <u>2/w</u>	CALLED OUT <u>10:00 AM</u>	ON LOCATION <u>12:30 AM</u>	JOB START <u>6:00 AM</u>	JOB FINISH <u>6:45 AM</u>
LEASE <u>Smith</u>	WELL <u>3-16</u>	LOCATION <u>Sittka Jct, N to Rd "E", E to "Y"</u>			COUNTY <u>Clark</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>		<u>#29, 2 1/2 to Rd #29, 1/2 E, split to</u>					

CONTRACTOR Duke #9 OWNER Diversified

TYPE OF JOB Surface

HOLE SIZE <u>12 1/4</u>	T.D. <u>680</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>677</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>800</u>	MINIMUM <u>—</u>
MEAS. LINE	SHOE JOINT <u>42.87</u>
CEMENT LEFT IN CSG. <u>43'</u>	
PERFS.	
DISPLACEMENT <u>41 Bbls Fresh H₂O</u>	

CEMENT
AMOUNT ORDERED 27.5 sx 65:35:6 + 3% cc
+ 10# Kol Seal AND 100sx 1" C + 3% cc

COMMON	<u>100 C</u>	@	<u>17.35</u>	<u>1735.00</u>
POZMIX		@		
GEL		@		
CHLORIDE	<u>13</u>	@	<u>52.45</u>	<u>681.85</u>
ASC		@		
	<u>ALW 275</u>	@	<u>13.35</u>	<u>3671.25</u>
	<u>Kol Seal 2750</u>	@	<u>.80</u>	<u>2200.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>457</u>	@	<u>2.15</u>	<u>982.55</u>
MILEAGE	<u>70 x 457</u>	x .09		<u>2879.10</u>
				TOTAL <u>12149.75</u>

EQUIPMENT

PUMP TRUCK CEMENTER D. Felix
352 & 360 HELPER 352 - M. Becken / 360 R. Roman

BULK TRUCK
421 DRIVER R. Franklin

BULK TRUCK
DRIVER

REMARKS:

Pipe on Btm, Break Line, Pump Spacers, Mix 27.5sx lite weight Cement, Mix 100sx tail Cement, Stop Pump, Release Plug, Start Displ w/ fresh H₂O, Wash up on plug, See increase on P.S.T. Slow Rate, Pump Plug at 41 Bbls total Displ, Release P.S.T, Float O.d Hold, Cement Did Cure.

SERVICE

DEPTH OF JOB	<u>677</u>			
PUMP TRUCK CHARGE	<u>0-300'</u>			<u>917.00</u>
EXTRA FOOTAGE	<u>377'</u>	@	<u>.80</u>	<u>301.60</u>
MILEAGE	<u>70 x 2</u>	@	<u>7.00</u>	<u>980.00</u>
MANIFOLD	<u>head rental</u>	@	<u>113.00</u>	<u>113.00</u>
	<u>2nd Pump</u>	@	<u>917.00</u>	<u>917.00</u>

CHARGE TO: Diversified Oper.

STREET _____

CITY _____ STATE _____ ZIP _____

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CONSERVATION DIVISION
WICHITA, KS

TOTAL 3228.60

PLUG & FLOAT EQUIPMENT

1-AFU isent	@	<u>377.00</u>	<u>377.00</u>
1-TRP	@	<u>113.00</u>	<u>113.00</u>
2-Centralizers	@	<u>62.00</u>	<u>124.00</u>
1-Basket	@	<u>248.00</u>	<u>248.00</u>

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment

8 5/8

Customer <i>Diversified Operations</i>	Lease No.	Date <i>5-10-08</i>
Lease <i>Smith</i>	Well # <i>3-16-10</i>	
Field Order # <i>17704</i>	Station <i>Pratt</i>	Casing <i>4 1/2" 105"</i>
	Depth <i>6287</i>	County <i>Clark</i>
Type Job <i>CNW-4 1/2 L.S.</i>	Formation	State <i>KS</i>
		Legal Description <i>3-31-21</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUMÉ MAY 16 2008		
Casing Size	Tubing Size	Shots/Ft	Acid	RATE	PRESS	ISIP		
<i>4 1/2"</i>		<i>505</i>	<i>50/50</i>					
Depth <i>6287</i>	Depth	From	To <i>1.6926</i>	Pre Pad	Max			5 Min.
Volume <i>100 bbl</i>	Volume	From	To <i>0.75</i>	Pad <i>Friction Reducer</i>	Min			10 Min.
Max Press	Max Press	From	To <i>105</i>	Frac	Avg			15 Min.
Well Connection	Annulus Vol.	From	To <i>5 1/2"</i>	<i>SK Gilson H₂O</i>	HHP Used			Annulus Pressure
Plug Depth <i>6270</i>	Packer Depth	From	To	Flush <i>100 bbl</i>	Gas Volume			Total Load

Customer Representative	Station Manager <i>Dave Scott</i>	Treater <i>Steve Orlando</i>
Service Units <i>27283</i>	<i>19840</i>	<i>15889</i>
Driver Names <i>Orlando</i>	<i>Lasby</i>	<i>LaChapelle</i>
<i>15830</i>	<i>21010</i>	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					On location - Safety Meeting
					Run 14951 105" casing
					Centralizer 1-3-5-7-9-145"
					Insert float shoe on 21"
9:23	500		20	6	Pump 20 bbl 39% CC-1 H ₂ O
9:27	500		12	6	12 bbl mud filter
9:29	500		3	6	3 bbl H ₂ O
9:30	500		35	6	mix 150 SK 50/50 pot @ 14.31"/gal
					shut down - clear pump & line
					Release plug
10:02	0		0	7	Start Displacement
10:11	500		80	6	L.S.P. pressure
10:13	600		90	3	Slow Rate
10:15 ^{AW}	1500		100	4	Plug Down - Hold
					mix 25 sacks 200/40 pot for KH/mil
					Job Complete

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