

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 083-21425 0000

ORIGINAL

County Hodgeman County, Kansas

SE SW NW - Sec. 19 Twp. 24S Rge. 22 ^E ~~XXXU~~

2280 Feet from S/W (circle one) Line of Section

~~1073~~ 1750 ^{KCC JH} Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, ~~NW~~ or SW (circle one)

Lease Name Durler Well # I

Field Name WC

Producing Formation N/A

Elevation: Ground 2300 KB 2308

Total Depth 4820 PBTD

Amount of Surface Pipe Set and Cemented at 395' Feet

Multiple Stage Cementing Collar Used? N/A 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 D&A JH 4-15-96
(Data must be collected from the Reserve Pit)

Chloride content ppm Fluid volume bbls

Dewatering method used air drying-periodic pushing in pit

Location of fluid disposal if hauled offsite:

Operator Name **RELEASED**

Lease Name License No. 1997

Quarter Sec. Twp. S Rng. E/W

County Docket No. **FROM CONFIDENTIAL**

Operator: License # 7567

Name: Jack Bowles

Address P.O. Box 3285

City/State/Zip Edmond, OK 73083-3285

Purchaser: D & A

Operator Contact Person: Jack Bowles

Phone (405) 348-4074

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Bob Lewellyn

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:

Operator: N/A

Well Name:

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTD
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

07-01-95 07-09-95 07-09-95
Spud Date Date Reached TD Completion Date

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 on 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 Jack Bowles
Title Operator Date 10-31-95

Subscribed and sworn to before me this 31st day of October, 1995.

Notary Public Joan Anne Howard RECEIVED
KANSAS CORPORATION COMMISSION

Cete' Commission Expires May 3, 1996

NOV 06 1995

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

ORIGINAL

Operator Name Jack Bowles

SIDE TWO

Lease Name Durler

Well # 1

Sec. 19 Twp. 24S Rge. 22

East
 West

County Hodgeman County, Kansas

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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:

Dual Induction Laterolog

Compensated Dual Spaced

Neutron Log

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Anhydrite	1508	+859
Heebner	3978	-1611
Lansing-Kansas City	4077	-1710
Ft. Scott	4611	-2244
Mississippian	4703	-2336

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	12-1/4"	8-5/8"	28#	395'	60/40 Poz	205	3%cc 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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil N/A Bbls.	Gas N/A Mcf	Water N/A Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease
(If vented, submit ACO-18.)

Open Hole Perf. Dually Comp. Commingled
 Other (Specify)

ORIGINAL

DURLER NO. 1

RELEASED

JUL 21 1997

Drill Stem Test No.1 (4678-4712)

30"-45-120-90

Surface blow slow build to 3½" on 2nd. flow.

Recovered 20' GIP, 40' O&GCM.

ISIP	329#	FSIP	294#
IFP	32-39#	FFP	39-42#
IHP	2488#	FHP	2435#

FROM CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

NOV 06 1995

CONSERVATION DIVISION
WICHITA, KS

15-083-21425-0000



CEMENTING LOG

STAGE NO.

RECEIVED
KANSAS CORP COMM

ORIGINAL

Date 7-1-95 District Press Ticket No. 11696
 Company Jack Bowles Rig Duher
 Lease Duher Well No. 1
 County Johnson State KS
 Location Getmore 95-1672-25 Field

CEMENT DATA:
 Spacer 1785 10715 10:58
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 1/2 Type _____ Weight 28 Collar _____

LEAD: Pump Time _____ hrs. Type _____
60/40 2 & 3 Excess _____
 Amt. 205 Skys Yield 1.24 ft³/sk Density 14.8 PPG

Casing Depths: Top _____ Bottom 395

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Drill Pipe: Size 4 1/2 Weight 16.60 Collars _____
 Open Hole: Size 12 1/4 T.D. 401 ft P.B. to _____ ft

Pump Trucks Used 224 - Mike Mear
 Bulk Equip. 116 - Bill White

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.0624 Lin. ft./Bbl. 16.0256
 Open Holes: Bbls/Lin. ft. 0.1458 Lin. ft./Bbl. 6.8587
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. 412.7 Lin. ft./Bbl. 2.4231
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type H₂O Amt. 23.5 Bbls. Weight 8.35 PPG
 Mud Type Chemical Weight 9.6 PPG

COMPANY REPRESENTATIVE HA Moore

CEMENTER Michael Mear

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	ANNULUS	DRILL PIPE CASING	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
5:00						Arrived on location - Helicopter
8:20		100	5.88	1 min	5.88	Setting Muds - Set up
8:25		150	2.33	1 min	2.33	Water off
8:38		200	2.33	5 min	5.88	Cement Slurry
8:45						H ₂ O displacement Plug down - cement did annulus

RELEASED

JUL 21 1997

FROM CONFIDENTIAL

ORIGINAL



CEMENTING LOG

STAGE NO.

Date 6-9-95 District Nassau Ticket No. 1627
 Company Jack Brouss Rig Duke
 Lease Duke Well No. 1
 County Haldeman State KS
 Location Lot 95-64E-35 Field _____

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG _____
 LEAD: Pump Time _____ hrs. Type _____
100/40 6.7 gal @ 4*E10 Excess _____
 Amt. 215 Skys Yield 1.56 ft³/sk Density 13.4 PPG
 TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size _____ Type _____ Weight _____ Collar _____

RELEASED

Casing Depths: Top _____ Bottom JUL 21 1997

Pump Trucks Used 224 - Bob Norton
 Bulk Equip. 116 - Bill White

FROM CONFIDENTIAL

Drill Pipe: Size 4 1/2" Weight 16.60 Collars _____
 Open Hole: Size 7 3/8" T.O. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. 0.0602 Lin. ft./Bbl. 16.5993
 Drill Pipe: Bbls/Lin. ft. 0.01422 Lin. ft./Bbl. 20.32
 Annulus: Bbls/Lin. ft. 0.0406 Lin. ft./Bbl. 24.6474

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG _____
 Mud Type Chemical Weight 9.6 PPG _____

Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE Hi Moore

CEMENTER Michael Maier

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
8:10	105#		10 Bbl	2 min	5 Bbl	Arrived on location Helix Safety
8:13	100#		9.5 Bbl	4 min	2.5 Bbl	Meeking - Set up
8:18	150#		15 Bbl	3 min	6 Bbl	Water Spacer
8:50			10 Bbl	2 min	5 Bbl	Cement Slurry
8:53			15 Bbl	7 min	2.5 Bbl	Mud displacement
9:00			5 Bbl	1 min	5 Bbl	Water Spacer
9:12			5 Bbl	1 min	5 Bbl	Cement Slurry
9:14			9.5 Bbl	4 min	2.5 Bbl	H ₂ O displacement
9:18			2 Bbl	1 min	4 Bbl	Water Spacer
9:40			2 Bbl	1 min		Cement Slurry
9:41			3 Bbl	1.5 min		H ₂ O displacement
9:43			2 Bbl	1.5 min		House Hole
						Part Hole
						40'

ALLIED CEMENTING CO., INC.

1696

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

SERVICE POINT:

Neos City

DATE <i>7-1-95</i>	SEC. <i>19</i>	TWP. <i>24</i>	RANGE <i>22</i>	CALLED OUT <i>2:30 PM</i>	ON LOCATION <i>4:00 PM</i>	JOB START <i>8:15 PM</i>	JOB FINISH <i>8:45 PM</i>
LEASE <i>Dolan</i>	WELL # <i>1</i>	LOCATION <i>Jatmore 95-6 1/4 E-25</i>			COUNTY <i>Washington</i>	STATE <i>Ks</i>	

OLD OR NEW (Circle one) NEW

CONTRACTOR *Dolan*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4"* T.D. *401*

CASING SIZE *8 1/2" 28"* DEPTH *395'*

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. *15'*

PERFS _____

OWNER

Same

CEMENT

AMOUNT ORDERED *205 60/40 2 1/2 3*

COMMON	<i>123</i>	@	<i>6.10</i>	<i>750.30</i>
POZMIX	<i>82</i>	@	<i>3.15</i>	<i>258.30</i>
GEL	<i>4</i>	@	<i>9.50</i>	<i>38.00</i>
CHLORIDE	<i>6</i>	@	<i>28.00</i>	<i>168.00</i>
		@		
		@		
		@		
		@		
		@		
HANDLING	<i>2.05</i>	@	<i>1.05</i>	<i>215.25</i>
MILEAGE	<i>41</i>			<i>336.20</i>
TOTAL				<i>\$1,766.05</i>

EQUIPMENT

PUMP TRUCK CEMENTER *Mike Moore*

224 HELPER *Mike Moore*

BULK TRUCK DRIVER *Bill White*

116

BULK TRUCK DRIVER _____

REMARKS:

Ran 9 sta 8 1/2" @ 28" casing - Buckle pipe with 205 5/8 60/40 2 1/2 3 then supplied with 232 3/8 1/2 inch H.O cement did circulate

*Thank you
Allied Cementing
Mike, Bill*

SERVICE

DEPTH OF JOB	<i>395'</i>			
PUMP TRUCK CHARGE 0-300'				<i>445.00</i>
EXTRA FOOTAGE	<i>95'</i>	@	<i>.41</i>	<i>38.95</i>
MILEAGE	<i>41</i>	@	<i>2.35</i>	<i>96.35</i>
PLUG TWP		@	<i>45.00</i>	<i>45.00</i>
		@		
		@		
TOTAL				<i>\$625.30</i>

CHARGE TO: *Jack Bowles*

STREET *2413 Kelly Rd.*

CITY *Enid* STATE *OK* ZIP *73701*

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

TOTAL _____

TAX *- 0 -*

TOTAL CHARGE *\$2,391.35*

DISCOUNT *\$478.27* IF PAID IN 30 DAYS

Net \$1,913.08

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE

Mike Moore

ALLIED CEMENTING CO., INC.

1627

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

SERVICE POINT: New City

ORIGINAL

DATE <u>7-9-95</u>	SEC. <u>19</u>	TWP. <u>24</u>	RANGE <u>22</u>	CALLED OUT <u>2:00 AM</u>	ON LOCATION <u>7:40 AM</u>	JOB START <u>8:10</u>	JOB FINISH <u>4:45</u>
LEASE <u>Dunbar</u>	WELL # <u>1</u>	LOCATION <u>Getmore 95-64 E-2 S</u>			COUNTY <u>Holden</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR Duke
 TYPE OF JOB Plug
 HOLE SIZE 7 7/8" T.D. 4820
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2" DEPTH 1554
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM RELEASED _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____

OWNER Same
 CEMENT
 AMOUNT ORDERED 21560/4067 gals #1 Flo Seal

COMMON	<u>129</u>	@	<u>6.10</u>	<u>786.90</u>
POZMIX	<u>86</u>	@	<u>3.15</u>	<u>270.90</u>
GEL	<u>11</u>	@	<u>9.50</u>	<u>104.50</u>
CHLORIDE		@		
<u>Flo Seal</u>	<u>54</u>	@	<u>1.15</u>	<u>62.10</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>215</u>	@	<u>1.05</u>	<u>225.75</u>
MILEAGE	<u>41</u>			<u>352.60</u>

JUL 21 1997 TOTAL \$1802.75

FROM CONFIDENTIAL SERVICE

EQUIPMENT

PUMP TRUCK CEMENTER Mike
 # 224 HELPER Bob
 BULK TRUCK
 # 116 DRIVER Bill
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

1st Plug at 1554' w/ 50SKa
 2nd Plug at 750' w/ 80SKa
 3rd Plug at 415' w/ 50SKa
 4th Plug at 40' w/ 10SKa
 1554' Rat Hole - 108' to Mouse Hole
 Thank you
 Allied Cementing
 Mike, Bob, Bill

FROM CONFIDENTIAL SERVICE

DEPTH OF JOB	<u>1554'</u>		
PUMP TRUCK CHARGE			<u>445.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>41</u>	@	<u>2.35</u> <u>96.35</u>
PLUG	<u>1000</u> Dry	@	<u>23.00</u> <u>23.00</u>
	Hole	@	
	plug	@	

TOTAL \$564.35

CHARGE TO: Jack Brooks
 STREET 2413 Kelly Rd.
 CITY Enid STATE OK ZIP 73701

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL _____

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX -0-
 TOTAL CHARGE \$2367.10
 DISCOUNT \$473.42 IF PAID IN 30 DAYS

Net \$1893.68

SIGNATURE HA Moore