

CONFIDENTIAL

ORIGINAL

RELEASED

FORM MUST BE TYPED

SIDE ONE

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

API NO. 15- 199-202670000
County Wallace County

FROM
CONFIDENTIAL

Operator: License # 30425
Name: DNR Oil & Gas Inc.
Address 655 Broadway - Suite 525
City/State/Zip Denver, CO 80203

NE NW SW Sec. 31 Twp. 15S Rge. 41 E
2308 Feet from S/N (circle one) Line of Section
735 Feet from E/W (circle one) Line of Section

Purchaser:
Operator Contact Person: Charles B. Davis
Phone (303) 825-8956

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

Contractor: Name: Murfin Drilling Company
License: 30606

Lease Name Smotherman Well # 2-31
Field Name Mt. Sunflower S.E.

Wellsite Geologist: R. Lee Tucker
Designate Type of Completion
 New Well Re-Entry Workover

Producing Formation Morrow
Elevation: Ground 3789 KB 3799

Oil SWD SICW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

Total Depth 5163 PBTD 5114
Amount of Surface Pipe Set and Cemented at 377 Feet

If Workover/Reentry: Old Well Info as follows: KCC

Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1954 Feet

Operator: MAR 3
Well Name:
Comp. Date Old Total Depth

If Alternate II completion, cement circulated from 0
feet depth to 1954 w/ 225 sx cnt.

Deepening Re-perf. Conv. to Inj/SWD
Plug Back PBTD
Cemented Docket No.
Dual Completion Docket No. 3-18-98
Other (SWD or Inj?) Docket No.

Drilling Fluid Management Plan ALT II WTM 9-28-06
(Data must be collected from the Reserve Pit)

Spud Date 12/29/97 Date Reached TD 1/6/98 Completion Date 2/6/98

Chloride content N/A ppm Fluid volume 800 bbls
Watering method used Cut Windows, let dry

COMMISSION

Location of fluid disposal if hauled offsite:
Operator Name
Lease Name License No.

Quarter Sec. Twp. S Rng. E/W
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 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 Chad B. D.
Title President Date 3/3/98
Subscribed and sworn to before me this 3rd day of March, 1998.
Notary Public Carrie A. Weitzel
Date Commission Expires April 22, 1999

No Geologists Report Made
K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 XGS Plug Other
(Specify)

Operator Name DNR OIL & GAS INC.Lease Name SmothermanWell # 2-31Sec. 31 Twp. 15S Rge. 41 EastCounty Wallace West

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
(Attach Additional Sheets.) Yes No

Samples Sent to Geological Survey

 Yes No

Cores Taken

 Yes NoElectric Log Run
(Submit Copy.) Yes No

List All E-Logs Run:

Array Induction/SP Micro Resistivity/GR

Compensated Neutron Litho-Density/GR

Microlog Gamma Ray

Gamma Ray Monitor Log

 Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
B/Anhydrite	2744	+1055
Topeka	3930	-131
Heebner	4092	-293
Lansing	4199	-400
Marmaton	4518	-719
Cherokee	4720	-929
Morrow Shale	5004	-1205
Morrow Lime	5095	-1296

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"	24	377	60/40 Poz	310	4%CaCl, 2%Gel
Production	7 7/8"	4 1/2"	10.5	5155	standard	175	5%KCl, 3/8% Halad 322

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purposes:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing	1954	Midcon II	225	3%CaCl, 3/8#/Sax flocele
<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	5066-77		

TUBING RECORD

Size

Set At

Packer At

Liner Run

 Yes No

2 3/8

5000

5000

Date of First, Resumed Production, SWD or Inj. SI-waiting on Inj. approval

Producing Method

 Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours

Oil

Bbls.

Gas

Mcf

Water

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) _____

JOB LOG 4239-5

TICKET #	1967449	TICKET DATE	1-7-98
BDA / STATE	Missouri, Ks.	COUNTY	LeWalla
PSL DEPARTMENT			
CUSTOMER REP / PHONE			
API / UWI #	15-199-		
JOB PURPOSE CODE			

REGION	North America	NWA/COUNTRY	USA
EMPLOYEE ID / EMP #		EMPLOYEE NAME	Bob Beck
LOCATION		COMPANY	ONE OIL Co. Inc.
TICKET AMOUNT		WELL TYPE	CI
WELL LOCATION		DEPARTMENT	SEEL
LEASE / WELL #		SEC / TWP / RNG	31-17-411

ORIGINAL CONFIDENTIAL

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
RELEASED							

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS (PSI)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
12-6	01:00							CONFIDENTIAL
	03:30							On Loc - Rig Laying Down DP
	01:30							Start 4 1/2" x 10" Csg in Hole
	04:20							1ea Insert Float Shoe w/ F.W. up
	04:38							2ea 5-4 Controlizers (1-3-5-8-12-92-94)
	05:42							3ea Cmt. Baskets (93-95-135)
	05:45							1ea Multi Stage Cmt @ 1954' (93)
	05:49							Csg in Hole - Tag Bottom 5164'
	05:55							Hook up Rotating Head, PC, & Manifold
	06:02							Broke Circ w/ Rig Pump - Circ 1 Hr - Hook up to PT.
	06:06							Start Pump Mud Flush - 12 BBL
	06:18							Mud Flush in - Start Pump Circ. Flush
	06:23							Flush in
	06:24							Start Pump Cement
	06:44							175sk 5th 7/8" KCL + 3/4" Halad. 522
	10:55							Finish Displ (37")
	11:11							Release Plug & Wash out Pump & Lines
	11:15							Start Displ (49 BBL Water + 32 1/2 BBL Mud)
	11:20							Finish Displ
	11:20							Plug Landed
								Release Pres - Float Hold
								Drop Free Fall Plug
								Open DV + Circ w/ Rig Pump 4 Hr Hookup to PT
								Plug Rat Hole 15sk + Mouse Hole 10sk
								Start Pump Cmt
								225sk Mid Con D 13" C.C. 1 1/2" Floater
								Finish Mix Cmt
								Release Plug
								Start Displ
								Finish Displ - Cmt Old Circ - 5 BBL
								DV Closed
								Release Pres - Dried up
								Wash up + Rack up

KGC
MAR 3
CONFIDENTIAL

Job complete

Thank You
Wayne
Gentry

Release
MAY 1 1 2004
From
Confidential

ORIGINAL

ALLIED CEMENTING CO., INC. 9918

Federal Tax I.D.#

JAN 08 1998

SERVICE POINT:

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

CONFIDENTIAL

Oakley

DATE <u>12-30-97</u>	SEC. <u>31</u>	TWP. <u>15s</u>	RANGE <u>41w</u>	CALLED OUT	ON LOCATION <u>11:30 AM</u>	JOB START <u>1:45 PM</u>	JOB FINISH <u>6:00 PM</u>
LEASE <u>Smotherman</u>	WELL # <u>2-31</u>	LOCATION <u>Sharon Springs 15s 9 1/2 w 4 n</u>		COUNTY <u>Wakarusa</u>		STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Murphy Drlg Rig 14

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 382'

CASING SIZE 8 5/8 DEPTH 382'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 40.42

CEMENT LEFT IN CSG. 40'

PERFS.

DISPLACEMENT **KCC**

OWNER Same

CEMENT

AMOUNT ORDERED 260 sks 60 lbs Per
4% CC 2% Gel 1/4" Flo Seal

COMMON	<u>186</u>	SKS	@	<u>7.55</u>	<u>1,404.30</u>
POZMIX	<u>124</u>	SKS	@	<u>3.25</u>	<u>403.00</u>
GEL	<u>5</u>	SKS	@	<u>9.50</u>	<u>47.50</u>
CHLORIDE	<u>13</u>	SKS	@	<u>28.00</u>	<u>364.00</u>
Flo-Seal	<u>78</u>	#	@	<u>1.15</u>	<u>89.70</u>
			@		
			@		
			@		
			@		
HANDLING			@	<u>1.05</u>	<u>325.50</u>
MILEAGE	<u>48</u>	SK/mile			<u>905.20</u>
CONFIDENTIAL					TOTAL <u>3,539.20</u>

EQUIPMENT **MAR 3**

PUMP TRUCK CEMENTER Dean

102 HELPER Walt

BULK TRUCK DRIVER Lonnie

212

BULK TRUCK DRIVER Jeff

315

REMARKS:

Cement didn't circulate

Ran 80' 1" Tubing

Cement w/gaskets did circulate to surface

Thank you

SERVICE

DEPTH OF JOB 382'

PUMP TRUCK CHARGE 470.00

EXTRA FOOTAGE 82' @ 4.34 35.26

MILEAGE 73 miles @ 2.85 208.55

PLUG Surface @ 45.00

TOTAL 758.31

CHARGE TO: DNR Oil & Gas Inc

STREET 655 Broadway #525

CITY Denver STATE Colo ZIP 80208

Release
MAY 11 2004
From
Confidential

BOAT EQUIPMENT

1 Baffle Plate @ 135.00

1 Centralizer @ 61.00

Box Baker Lock @ 30.00

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.

TOTAL 226.00

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE [Signature]

JAMES READER
PRINTED NAME