

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

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

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

Contractor: Name: Murfin Drilling Company
 License: 30606
 Wellsite Geologist: R. Lee Tucker

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/Reentry: Old Well Info as follows:
 Operator: _____
 Well Name: _____
 Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back _____ PBDT
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) _____ Docket No. _____
1/20/98 1/29/98 3/10/98
 Spud Date Date Reached TD Completion Date

API NO. 15-199-202610000

County Wallace County
 _____ - SW - SE - NW Sec. 31 Twp. 15S Rge. 41 X E W

2308 Feet from S(N) (circle one) Line of Section
3760 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 Nickelson Well # 5-31
 Field Name Mt. Sunflower S.E.

Producing Formation Morrow
 Elevation: Ground 3783 KB 3793
 Total Depth 5139 PBDT 5091

Amount of Surface Pipe Set and Cemented at 374 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 1961 Feet

If Alternate II completion, cement circulated from 1961
 feet depth to surface w/ 225 sx cmt.

Drilling Fluid Management Plan Att. 2, 6-11-98 W.C.
 (Data must be collected from the Reserve Pit)

Chloride content N/A ppm Fluid volume 600 bbls
 Dewatering method used Cut Window, let dry

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 Charles B. Davis
 Title President Date April 27, 1998

Subscribed and sworn to before me this 27 day of April, 1998
 Notary Public Carrie S. Utz
 Date Commission Expires April 22, 1999

No Geologists Report made

K.C.C. OFFICE USE ONLY		
F	Letter of Confidentiality Attached	
C	<input checked="" type="checkbox"/> Wireline Log Received	
C	Geologist Report Received	
DISTRIBUTION		
<input checked="" type="checkbox"/> KCC	SWD/Rep	<input type="checkbox"/> NGPA
<input type="checkbox"/> KGS	Plug	Other (Specify)

MA

05-04-98

ORIGINAL

Operator Name DNR OIL & GAS INC.

Lease Name Nickelson

Well # 5-31

Sec. 31 Twp. 15S Rge. 41

East
 West

County Wallace

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
Compensated Neutron Density

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
B/Anhydrite	2738	+1055
Topeka	3917	-124
Heebner	4077	-284
Lansing	4184	-391
Marmaton	4503	-710
Cherokee	4706	-913
Morrow Shale	4973	-1180
Morrow Lime	5063	-1270

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	374	60/40 Poz	260	2%Gel, 3%CaCl
Production	7 7/8"	5 1/2"	14+15.5	5138	Standard	150	5%KCL,
							3/4% H-322

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-1961	Midcon II	225	3% CaCl, 3/8#/Sax flocele

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	5031-41		

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 7/8"	5075			

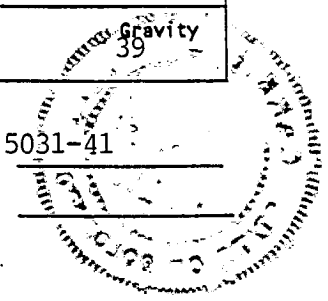
Date of First, Resumed Production, SLD or Inj: _____ Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio
	90		50		0		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: 5031-41





JOB LOG 4239-5

15-199-20261-00-00

REGION North America	NWA/COUNTRY MEX COASTWEST	TICKET # 196820	TICKET DATE 1-29-98
MBU ID / EMP # M0101 B9377	EMPLOYEE NAME WAYNE WILSON	BDA / STATE KANSAS	COUNTY WALLACE
LOCATION WAVE, KS	COMPANY DNR OZ-GAS	PSL DEPARTMENT CEMENT	CUSTOMER REP / PHONE CHARLES DAVIS
TICKET AMOUNT 20435.05	WELL TYPE 01	API / UWI # 15-199-20261-0000	
WELL LOCATION SUNSHINE SPRINGS, KS	DEPARTMENT CEMENT	JOB PURPOSE CODE 035	
LEASE / WELL # NICHOLSON 5-31	SEC / TWP / RNG 35-152-41W		

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
WILSON B9377			
FULK J0763			
ASH E1609			

ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
420995	2200		320					CALLS OUT
53293M	0300		320					ON LOCATION - DISCUSS JOB PROCEDURE - CALL FOR PT. & B.T.
	0820							DROP BALL - BREAK CIRCULATION W/ MOD PUMP 1-2200 1-2700 1-2700 1-2700 1-2700 1-2700
1	0923	6	12	✓		300		PUMP MUDFLUSH
	0925	6	20	✓		300		PUMP CLAYEX II PREFLUSH
	0931	6 1/2	32.1	✓		350		MIX CEMENT
	0937							WASH OUT PUMP - LINES
	0938							RELEASE LATCH DOWN PLUG
	0943	6 1/2	0	✓		600		DISPLACE PLUG 75.1-H2O 47.8-MVA
	1002	4	122.9	✓		1500		PLUG DOWN - PSE UP LATCH 2N PLUG
	1005							RELEASE PSE OK FLOAT - PLUG HELD
	1010							DROP DV OPENING PLUG - LOAD DV CLOSING PLUG WASH UP TRUCK
	1033			✓		750		OPEN DV TOOL - CIRCULATE 4 HRS
1	1430							PLUG RATHOLE - MOUSEHOLE
	1445	5	3	✓				PUMP WATER SPACER
	1446	8	121.5	✓		250		MIX CEMENT
	1503							WASH OUT PUMP - LINES
	1504							RELEASE CLOSING PLUG
	1505	6	0	✓		450		DISPLACE PLUG
	1514	3	47.8					PLUG DOWN
	1515					1900		PSE UP CLOSE DV TOOL
	1518							RELEASE PSE - HELD
								<u>CIRCULATED 30 SKS, CEMENT TO PT.</u>
								WASH UP RACK UP
	1630							JOB COMPLETE

RECEIVED

THANK YOU
WAYNE, DUSTY, DAVE

15-199-20261-00-00

ALLIED CEMENTING CO., INC. 8687

Federal Tax I.D.#

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

ORIGINAL

SERVICE POINT:

DATE <u>1-21-98</u>	SEC. <u>31</u>	TWP. <u>153</u>	RANGE <u>41w</u>	CALLED OUT	ON LOCATION <u>M. T. 7:30 AM</u>	JOB START <u>M. T. 9:00 AM</u>	JOB FINISH <u>M. T. 9:20 AM</u>
LEASE <u>Nickelson</u>	WELL # <u>5-3</u>	LOCATION <u>Sharon Springs 1558 1/2 W 3rd N Wallace</u>		COUNTY <u>Wallace</u>		STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR Murfin Drlg Rig 14

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 380'

CASING SIZE 8 7/8 DEPTH 379'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 39.52'

CEMENT LEFT IN CSG. 39'

PERFS.

DISPLACEMENT

OWNER same

CEMENT

AMOUNT ORDERED 260 SKS 60/40 Poz
40% LL 2% Gel

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

EQUIPMENT

PUMP TRUCK CEMENTER Dean

102 HELPER Walt

BULK TRUCK

218 DRIVER Lonnie

BULK TRUCK

DRIVER

TOTAL _____

REMARKS:

Cement did circulate

Thank you

SERVICE

DEPTH OF JOB 379'

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE @ _____

MILEAGE @ _____

PLUG Surface @ _____

@ _____

@ _____

TOTAL _____

CHARGE TO: D. N. R. Oil & Gas

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

1 Baffle Plates @ _____

1 Centralizer @ _____

1 Box Baker Lock @ _____

@ _____

@ _____

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 _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE [Signature]

JAMES REAR
PRINTED NAME