

ORIGINAL

SIDE ONE

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

Operator: License # 04373  
Name DOWNING-NELSON OIL  
Address POB 372  
City/State/Zip HAYS, KANSAS, 67601

Purchaser UNKNOWN

Operator Contact Person RON NELSON  
Phone 913-628-3449

Contractor: License # 3300  
Name LLOYD DBILLING

Wellsite Geologist RON NELSON & AL. DOWNING  
Phone 913-628-3449

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp  
 Dry  Other (Core, Water Supply etc.)

If OWNED: old well info as follows:  
Operator  
Well Name  
Comp. Date  
Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
..1-21-90.. ..1-29-90... ..3-2-90.....  
Spud Date Date Reached TD Completion Date  
4396LTD... X... P&A 6-7-90  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 205 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set... 1606... feet  
If alternate 2 completion, cement circulated  
from... feet depth to... w/... SX cmt  
Cement Company Name  
Invoice #  
AIR II P&A

API NO. 15-135-23-420-00-00  
County NESS  
N12-S12-SW1/4 Sec 7... Twp. 18 Rge. 23... East West  
..990... Ft North from Southeast Corner of Section  
3960... Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

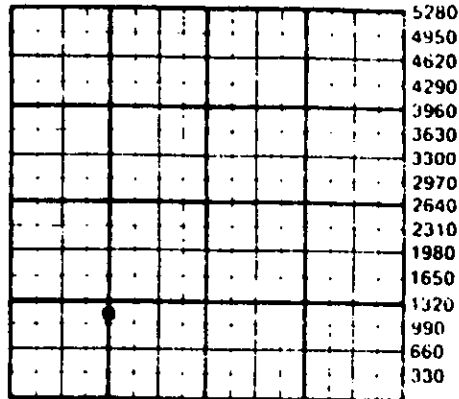
Lease Name G.R.M. Well # 1

Field Name MINER

Producing Formation MARMATON

Elevation: Ground 2321 KB 2331

Section Plat



STATE CORPORATION COMMISSION  
WICHITA, KANSAS  
APR 05 1990  
RECEIVED

04-05-1990

WATER SUPPLY INFORMATION

Disposition of Produced Water: NOT MARKED ANY WATER  
Docket # Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit # UNKNOWN

Groundwater... Ft North from Southeast Corner  
(Well) ... Ft West from Southeast Corner of  
Sec Twp Rge East West

X Surface Water.. 50 Ft North from Southeast Corner  
(Stream, pond etc) 1500 Ft West from Southeast Corner  
Sec 14 Twp 18 Rge 24 East XX West

Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log shall be attached with this form. 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 Ron Nelson

Title PARTNER Date 3-30-90

Subscribed and sworn to before me this 4th day of April 1990

Notary Public Harold L. Bittel

Date Commission Expires 12-2-90

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

HAROLD L. BITTEL  
NOTARY PUBLIC  
STATE OF KANSAS  
MY APPT. EXPIRES 12-2-90

ORIGINAL

4/19/90 KCC RG X

Operator Name DOWNING-NELSON OIL Lease Name G. R. M. Well # 1

Sec. 7 Twp. 18 Rge. 23  East  West County NESS

WELL LOG

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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

DST #1- 4102-4160:30"30"45"45" IFF 0-0  
 FFP 41-41 ISIP 0 FSIP 436 HP 1942-1862  
 REC: 150'GIP,35'SOCM

DST #2- 4270-4350 W/SP 45"45"30"30"  
 IFP 38-58 FFP 60-72 SIP 696-562  
 HP 2169-2097 REC.-60'GIP, 30'CGO, 15'MCO, 60'SOCM

DST #3 - 4344-4360 W/SP 45"60"45"60"  
 IFP31-54, FFP 56-74 SIP 1102-1053  
 HP 2215-2127 REC.-120'GIP, 70'CGO, 50'OCM 30'OSWM

Formation Description		
Name	Top	Bottom
ANHYDRITE	1603	1649
HEEBNER	3715	
LKC	3759	
BKC	4050	
MARMATON	4110	
PAWNEE	4160	
FT. SCOTT	4250	
CHEROKEE SHALE	4272	
CHEROKEE SAND	4330	
MISSISSIPPI DOLO.	4340	

CASING RECORD <input type="checkbox"/> New <input checked="" 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	20	205	60-40POZ	140	3%gal12%CL
PRODUCTION..	7.7/8	5.1/2	14	4392	60-40POZ	35	
					ASC	125	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
Shots Per Foot	Specify Footage of Each Interval Perforated		Depth
2	4368-71	NONE	SQUEEZE w/100sks
4	4340-48	350	15%MA SQUEEZE w/100sks
4	4352-57	250	MA CIBP @4156
2	4111-21	250	MA 2275 15%w/INHIB
		3000	28%

TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Size	Set At	Packer at			
2 7/8	4151	NONE			

Date of First Production	Producing Method
3-2-90	<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	Gas	Water	Gas-Oil Ratio	Gravity
	3	0	0		40
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 4111-21  
 Used on Lease  Dually Completed .....  
 Comingled

LANIER

83-2627, Russell, Kansas  
6-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812  
Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC. N<sup>o</sup> 8187

Home Office P. O. Box 31      Russell, Kansas 67665

*New*

Date	1-18-90	Sec.	7	Twp.	18	Range	23	Called Out	12:00 AM	On Location	12:30 AM	Job Start	2:45 AM	Finish	3:00 AM		
Lease	H, R, M	Well No.	1			Location			New City 2 1/2 N			County	Ness		State	Kansas	

Contractor *Lloyd Drilling*

Type Job *Surface*

Hole Size *12 1/4*      T.D. *219'*

Csg. *8 5/8*      Depth *211'*

Tbg. Size      Depth

Drill Pipe      Depth

Tool      Depth

Cement Left in Csg. *15'*      Shoe Joint

Press Max.      Minimum

Meas Line *no*      Displace *12.7*

Perf.

Owner *Downing-Nelson*

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 listed.

Charge To *Downing-Nelson Oil*

Street *Box 372*

City *Hays*      State *Ks*      67601

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.

X *Elmer Benson*

**CEMENT**

Amount Ordered *140 BX 60/40 2% gel 3% cc*

Consisting of

Common	<i>84</i>	<i>5.00</i>	<i>420.00</i>
Poz. Mix	<i>56</i>	<i>2.25</i>	<i>126.00</i>
Gel.	<i>3</i>	<i>6.75</i>	<i>20.25</i>
Chloride	<i>4</i>	<i>20.00</i>	<i>80.00</i>
Quickset			

*New City*

**EQUIPMENT**

No.	Cementer	Helper
<i>158</i>		
No.	Cementer	Helper
	<i>Jayson</i>	<i>Phia</i>
	<i>Bill</i>	
Driver		
Bulktrk		
<i>69</i>		
Driver		

Handling	<i>140</i>	<i>.90</i>	<i>126.00</i>
Mileage	<i>2</i>	<i>Min.</i>	<i>40.00</i>
		Sub Total	
		Total	<i>812.25</i>

**DEPTH of Job**

Reference:	<i>Pump truck charge</i>	<i>360.00</i>
	<i>Mileage</i>	<i>2.00</i>
	<i>1 8 5/8 TWP</i>	<i>40.00</i>
	Sub Total	
	Tax	
	Total	<i>402.00</i>

Floating Equipment

TOTAL \$ *1214.25*

Disc *182.14*

\$ *1032.11*

Remarks: *Cement did circulate*

*4 bbl cement*

*Thanks*

JAN 31 1990

# ALLIED CEMENTING CO., INC. N<sup>o</sup> 8194

Home Office P. O. Box 31 Russell, Kansas 67665

*New*

Date	1-29-90	Sec.	7	Twp.	18	Range	23	Called Out	1:00 AM	On Location	1:30 AM	Job Start	7:15 am	Finish	8:45 AM
Lease	Y.R.M.	Well No.	1		Location			Ness shop 1W 2 1/4 N		County	Ness	State	KS		
Contractor	Lloyd Drilling							Owner Nelson-Downing							
Type Job	Logging							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 listed.							
Hole Size	7 7/8			T.D. 4390'											
Csg.	5 1/2			Depth 4392'											
Tbg. Size	Depth														
Drill Pipe	Depth														
Tool	Depth														
Cement Left in Csg.	Shoe Joint 20.20														
Press Max.	1000#			Minimum 300#											
Meas Line	yes			Displace 106.67											
Perf.															

**EQUIPMENT**

<i>Ness</i>		
No.	Cementer	
Pumptrk 158	Helper	
No.	Cementer	Rayson
Pumptrk	Helper	Knox
Bulktrk 69	Driver	Brian
Bulktrk 96	Driver	Gary

**DEPTH of Job**

Reference:	Pump truck charge	838.00
	Mileage	3.00
	1.5 1/2 rubber plug	43.00
	Sub Total	
	Tax	
	Total	884.00

Remarks: Plug out hole & mousehole

TOTAL \$ 4741.50  
Disc - 711.23  
Total \$ 4030.27  
*Shondes*

*Float did hold*

Charge To	Downing & Nelson Oil
Street	PO Box 372
City	Hays
State	KS
	67601
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
<del>No Downing</del>	
<b>CEMENT</b>	
Amount Ordered	125 ASC, 55 ex 60/40, 500 gal WERTI
Consisting of	
Common	3.3 5.00 165.00
Poz. Mix	2.2 2.25 49.50
Chloride	125 ASC 7.00 875.00
Quickset	
WERTI 500 gals	.21 105.00
Sales Tax	
Handling	180 .90 162.00
Mileage	3 Min 40.00
Sub Total	
Total 1396.50	
Floating Equipment	
1. A.F.U. insert - 180.00	
1. Slide shoe - 119.00	
2. Baskets - 242.00	
5. Centralizers - 220.00	
1. Baker port collar - 1700.00	
2,461.00	

483-2627, Russell, Kansas  
 16-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC.

No. 6738

Home Office P. O. Box 31

Russell, Kansas 67665

*new*

Date	2-9 90	Sec.	7	Twp.	18	Range	23	Called Out	9 AM	On Location	1030 AM	Job Start	1230 PM	Finish	2:15 PM
Lease	HRM	Well No.	1	Location	Ness 3 N 1 W 1/4 N 48					County	Ness	State	Ks		
Contractor	Plains					Owner	Same								
Type Job	5 squeeze miss					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 listed.									
Hole Size						T.D.	4390								
Csg.	5 1/2					Depth									
Tbg. Size	2 1/2					Depth									
Drill Pipe						Depth									
Tool	Hemlock					Depth	4292								
Cement Left in Csg.						Shoe Joint									
Press Max.	2500					Minimum									
Meas Line						Displace									
Perf.	4368-71														
<b>EQUIPMENT</b>															
<i>Ness City</i>															
No.	Cementer	Ben Mike													
Pumptrk 46	Helper	Gary													
No.	Cementer	Dante													
Pumptrk	Helper														
	Driver	Johnny													
Bulktrk 69	Driver														
<b>DEPTH of Job</b>															
Reference:	Pump truck	838.00													
	Milage	4.00													
	Head -	nil													
	Sub Total														
	Tax														
	Total	842.00													
Remarks:	Input 2 bbl @ 1500# mix 100 lbs displaced 40 lbs in formation 2500# Washed back 60 lbs - repress to 2000# OK														
Amount Ordered	100 Com														
Consisting of															
Common	100	5.00	500.00												
Poz. Mix															
Gel.															
Chloride															
Quickset															
Sales Tax															
Handling	100	90	90.00												
Milage	min	40.00													
Sub Total															
Total 1630.00															
Floating Equipment															
1472.00															
Disc 220.80															
1251.20															

ORIGINAL

3-483-2627, Russell, Kansas  
316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812  
Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31      Russell, Kansas 67865      No. 7816

*new*

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
2-16-90	7	18	23	1030AM	1045AM	1130AM	145PM
Lease	Well No.	Location			County	State	
HRM	1	New 3N1W 1/4 N			Nees	Ks	

Contractor	Plains
Type Job	Squeezing (miss)
Hole Size	T.D.
Csg.	5 1/2
Tbg. Size	2 1/2
Drill Pipe	Depth
Tool	Hammer
Cement Left in Csg.	Shoe Joint
Press Max.	3000
Meas Line	Displace
Perf.	4342 - 48

Owner	Same
To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.	
Charge To	Downing Nelson Oil
Street	PO Box 372
City	Hays
State	Ks 67601
The above was done to satisfaction and supervision of owner agent or contractor	
Purchase Order No.	
X	Ala Dunn

### CEMENT

Amount Ordered	75 Com		
Consisting of			
Common	75	5.00	375.00
Poz. Mix			
Gel.			
Chloride			
Quickset			
Handling	75	.90	67.50
Mileage	4	min	40.00
		Sub Total	
		Total	482.50

### EQUIPMENT

No.	Cementer	Ben	Harry
Pumptrk 46	Helper		Nabil
No.	Cementer		
Pumptrk	Helper		
	Driver		Brian
Bulktrk 199	Driver		

DEPTH of Job		
Reference:	Pump truck	838.00
	mileage	4.00
	Head	NIC
	Sub Total	
	Tax	
	Total	842.00

Remarks: *Inject 2 1/4 hbl 1200 #  
mixed 75 shs press to 2500 -  
staged 30 min - OK.  
Washed back 35 shs Pulled 7 1/2  
sepress to 2000 - shut in 4/800 #  
over w/h end - Thank you*

Floating Equipment	
Total	\$ 1324.50
Disc	198.68
	\$ 1125.82

APR 1 1990

Phone 913-483-2027, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC.

NO 5555

Home Office P. O. Box 31

Russell, Kansas 67665

OLD

Date	6-7-90	Sec.	7	Twp.	18	Range	23	Called Out	<input checked="" type="checkbox"/>	On Location	5:30PM	Job Start	6:00PM	Finish	6:30PM
Lease	GRM	Well No.	1	Location			Ness Shop 1W2 1/4 N.E.S.		County	Ness	State	KS			

Contractor	Plains INC	
Type Job	Plug To Abandon (old hole)	
Hole Size	9 5/8	T.D. 205'
Csg.	5 1/2	Depth 4392'
Tbg. Size		Depth
Drill Pipe		Depth
Tool		Depth
Cement Left in Csg.		Shoe Joint
Press Max.	700 #	Shut-in Minimum 300 #
Meas Line		Displace
Perf.		

Owner	SAME
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 listed.	
Charge To	Downing Nelson Oil Co.
Street	Box 372
City	Naysa State KS 67601
The above was done to satisfaction and supervision of owner agent or contractor	
Purchase Order No.	
X	Client Base
CEMENT	

EQUIPMENT		
GT Borel No.	Cementer	Phil
Pumptrk 195	Helper	Jack
No.	Cementer	
Pumptrk	Helper	
Bulktrk 199	Driver	Bill S
Bulktrk	Driver	

Amount Ordered	200 SKS 60/40 6% gel	
Consisting of	500 # Hulls 20 SKS gel	
Common	120	5.00 600.00
Poz. Mix	80	2.25 180.00
Gel.	28	6.75 189.00
Chloride		
Quickset		
Hulls-5	14.00	70.00
Sales Tax		
Handling	200	.90 180.00
Mileage	3	Min 40.00
Sub Total		
Total 1259.00		

DEPTH of Job	
Reference:	
Pump tub chg	340.00
Pump tub mfg	3.00
Sub Total	
Tax	
Total 343.00	

Remarks:  
 3-Hulls max press 700 #  
 10-gel shut-in press 300 #  
 75-cement  
 10-gel  
 1-Hull  
 125-cement  
 Thank you!

Floating Equipment	
TOTAL	1602.00
TAX	84.11
	1686.11
Disc	337.23
	\$ 1348.88