

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

API NO. 15- 065-22792 0000
County Graham **ORIGINAL**
60' N & 30' W of S/2 - S/2 - SW Sec. 13 Twp. 9S Rge. 24W X

Operator: License # 6861
Name: RON'S OIL OPERATIONS, INC.
Address RFD 1, Box 112

390 Feet from S (circle one) Line of Section
1290 Feet from E (circle one) Line of Section

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

City/State/Zip Penokee, Kansas 67659-0112

Lease Name Nickelson "A" Well # 13-1

Purchaser: Farmland Industries

Field Name Holly SE

Operator Contact Person: Ronald Nickelson

Producing Formation Lanxsing KC

Phone (785) 421-2315

Elevation: Ground 2394 KB 2402

Contractor: Name: Discovery Drilling Inc.

Total Depth 3980 PBDT

License: 31548

Amount of Surface Pipe Set and Cemented at 209.91 Feet

Wellsite Geologist: Jerry Green

Multiple Stage Cementing Collar Used? X Yes ___ No ___

Designate Type of Completion

X New Well ___ Re-Entry ___ Workover ___

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

If yes, show depth set 2014' Feet

If Alternate II completion, cement circulated from 2014

feet depth to Surface w/ 350 sx cmt.

If Workover/Re-Entry: old well info as follows:

Drilling Fluid Management Plan AH-2, 1-20-99 U.C.
(Data must be collected from the Reserve Pit)

Operator: _____

Chloride content 1,200 ppm Fluid volume 480 bbls

Well Name: _____

Dewatering method used Evaporation

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite:

___ Deepening ___ Re-perf. ___ Conv. to Inj/SWD
___ Plug Back ___ PBDT

Operator Name Ron's Oil Operation Inc.

___ Commingled Docket No. _____

Lease Name Nickelson A-13-1 License No. 6861

___ Dual Completion Docket No. _____

___ Other (SWD or Inj?) Docket No. _____

9/8/98 9/14/98 9/30/98

SW Quarter Sec. 13 Twp. 9 S Rng. 24 E/W

Spud Date Date Reached TD Completion Date

County Graham Docket No. 15-065-22792-0000

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 Ronald Nickelson

Title Pres Date 1-2-99

Subscribed and sworn to before me this 2nd day of January, 19 99.

Notary Public Donna Goetz

Date Commission Expires 7-23-2002

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

DONNA GOETZ
State of Kansas
My Appt. Exp. 7-23-2002

Operator Name RON'S OIL OPERATIONS, INC.

Lease Name Nickelson "A"

Well # 13-1

13 Sec. 9S Twp. 24W Rge.

East

County Graham

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 Yes No
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

Log Formation (Top), Depth and Datum Sample

Name Top Datum

Nickelson A-13-1

LKC-3739

List All E.Logs Run:

Radiation Guard

Cement Bond Collar Log

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 Pipe	12 1/2	8 5/8	20	209.91	60/40Poz	155	2%Gel&3%cc
Production St.	7 7/8	4 1/2	9.5	3978.52	ASC	175	5%Gilsonite
Port Collar @ 2014							

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate	2014	60/40Common	350	60-40-6%Gel 1/4 Flo 1% CC
<input checked="" type="checkbox"/> Protect Casing	Surface			
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
4 Shots	3928-30-3910-12-3892-94	
	3870-73-3812-14-3808-10	5000 GL Non E
	3779-82	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	23/8	3922	0	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	30		50	60% 36.8

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 _____

ORIGINAL

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 11537

Well Name & No. Nickelson "A" #13-1 Test No. 1 Date 9-12-98
 Company Ron's Oil Operations Zone Tested A-C LRC
 Address RFD 1, Box 112 Penokee, Ks. 67659 Elevation 2402 KB GL
 Co. Rep / Geo. Jerry Green Cont. Discovery #2 Est. Ft. of Pay Por. %
 Location: Sec. 13 Twp. 9 Rge. 24 Co. Graham State Ks
 No. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 3755 - 3785 Initial Str Wt./Lbs. 42,000 Unseated Str Wt./Lbs. 42,000
 Anchor Length 30 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 69,000
 Top Packer Depth 3750 Tool Weight 1100
 Bottom Packer Depth 3755 Hole Size - 7 7/8" Rubber Size - 6 3/4"
 Total Depth 3785 Wt. Pipe Run Drill Collar Run 30
 Mud Wt. 9 LCM Vis. 46 WL 8.8 Drill Pipe Size 4.5XH Ft. Run 3727
 Blow Description F.F. Weak-building to R.O.B. in 2 min.

F.F. Weak-building to 2'

Recovery - Total Feet 325 GIP Ft. in DC 30 Ft. in DP 345
 Rec. 375 Feet Of mdy WTR. %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 Rec. Feet Of Scum of oil in %gas %oil %water %mud
 Rec. Feet Of Top Tool %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 BHT 110 °F Gravity °API D@ °F Corrected Gravity °API
 RW .23 @ 72 °F Chlorides 62,000 ppm Recovery Chlorides 2,000 ppm System

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	<u>1886</u>		PSI Recorder No.	<u>13754</u>	T-On Location <u>18'20</u>
(B) First Initial Flow Pressure	<u>29</u>		PSI (depth)	<u>3758</u>	T-Started <u>19'15</u>
(C) First Final Flow Pressure	<u>88</u>		PSI Recorder No.	<u>13248</u>	T-Open <u>20'38</u>
(D) Initial Shut-In Pressure	<u>422</u>		PSI (depth)	<u>3282</u>	T-Pulled <u>23'54</u>
(E) Second Initial Flow Pressure	<u>98</u>		PSI Recorder No.	<u> </u>	T-Out <u>01:50</u>
(F) Second Final Flow Pressure	<u>137</u>		PSI (depth)	<u> </u>	T-Off Location <u>09:10</u>
(G) Final Shut-in Pressure	<u>442</u>		PSI Initial Opening	<u>45</u>	Test <u>600</u>
(Q) Final Hydrostatic Mud	<u>1786</u>		PSI Initial Shut-in	<u>45</u>	Jars <u> </u>
			Final Flow	<u>45</u>	Safety Joint <u> </u>
			Final Shut-in	<u>45</u>	Straddle <u> </u>

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By D. B. Bunde

Circ. Sub
 Sampler
 Extra Packer
 Elec. Rec.
 Mileage
 Other

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 11538

Well Name & No. Nickelson 'A' #13-1 Test No. 2 Date 9-13-98
Company Ron's Oil Operations Zone Tested 'F' LLC
Address _____ Elevation 2402 KB _____ GL _____
Co. Rep / Geo. Jerry Green Cont. Discovery #2 Est. Ft. of Pay _____ Por. _____ %
Location: Sec. 13 Twp. 9 Rge. 24 Co. Graham State KS
No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3797-3825 Initial Str Wt./Lbs. 42000 Unseated Str Wt./Lbs. 42000
Anchor Length 28 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 5000
Top Packer Depth 3792 Tool Weight 1100
Bottom Packer Depth 3797 Hole Size - 7 7/8" Rubber Size - 6 3/4"
Total Depth 3825 Wt. Pipe Run _____ Drill Collar Run 30
Mud Wt. 9.1 LCM Vis. 48 WL 8 Drill Pipe Size 4.5 x H Ft. Run 3758
Blow Description I.F. weak - steady surface blow

F.F. weak steady surface blow

Table with 4 columns: Recovery - Total Feet, GIP, Ft. in DC, Ft. in DP. Rows include Rec. 5, 60, and blank entries with associated gas/oil/water/mud percentages.

BHT 110 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 2000 ppm System

Table with 4 columns: AK-1, Alpine, PSI Recorder No., T-On Location. Rows (A) through (Q) list hydrostatic mud, flow pressures, and shut-in pressures.

Final Flow 30 Safety Joint _____
Final Shut-in 30 Straddle _____
Circ. Sub _____
Sampler _____
Extra Packer _____
Elec. Rec. _____
Mileage _____
Other _____

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Approved By _____

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 11539

Well Name & No. Nickelson "A" #13-1 Test No. 3 Date 9-14-98
 Company Ron's Oil Operations Zone Tested H-I-J LKC
 Address _____ Elevation 2402 KB 2394 GL
 Co. Rep/Geo. Jenny Green Cont. Discovery #2 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 13 Twp. 9 Rge. 24 Co. Graham State Ks
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3845 - 3920 Initial Str Wt./Lbs. 44,000 Unseated Str Wt./Lbs. 44,000
 Anchor Length 75 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 65,000
 Top Packer Depth 3840 Tool Weight 1000
 Bottom Packer Depth 3845 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 3920 Wt. Pipe Run _____ Drill Collar Run 30
 Mud Wt. 9.1 LCM _____ Vis. 48 WL 8 Drill Pipe Size 4-5x14 Ft. Run 3880
 Blow Description F.F. Weak-building to 2"

F.F. Weak-building to 3"

Recovery — Total Feet 75 GIP 248 Ft. in DC 30 Ft. in DP 45
 Rec. 15 Feet Of MCO %gas 60 %oil _____ %water 40 %mud _____
 Rec. 60 Feet Of O & GCM 20 %gas 30 %oil _____ %water 50 %mud _____
 Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 112 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API _____
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 2000 ppm System

	AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>1966</u>		PSI Recorder No. <u>13754</u>	T-On Location <u>00:20</u>
(B) First Initial Flow Pressure	<u>85</u>		PSI (depth) <u>3848</u>	T-Started <u>01:30</u>
(C) First Final Flow Pressure	<u>85</u>		PSI Recorder No. <u>13248</u>	T-Open <u>02:25</u>
(D) Initial Shut-In Pressure	<u>636</u>		PSI (depth) <u>3917</u>	T-Pulled <u>04:55</u>
(E) Second Initial Flow Pressure	<u>85</u>		PSI Recorder No. _____	T-Out <u>07:00</u>
(F) Second Final Flow Pressure	<u>85</u>		PSI (depth) _____	T-Off Location <u>07:20</u>
(G) Final Shut-in Pressure	<u>372</u>		PSI Initial Opening <u>45</u>	Test <u>600</u>
(Q) Final Hydrostatic Mud	<u>1923</u>		PSI Initial Shut-in <u>30</u>	Jars _____
			Final Flow <u>45</u>	Safety Joint _____
			Final Shut-in <u>30</u>	Straddle _____

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Approved By _____

Mileage _____
 Other _____

ALLIED CEMENTING CO., INC.

P.O. BOX 31
 RUSSELL, KS 67665
 PH (785) 483-3887
 FAX (785) 483-5566

 * INVOICE *

Invoice Number: 078115

ORIGINAL

Invoice Date: 09/10/98

Sold Ron's Oil Operations, Inc
 To: P. O. Box 112
 Penokee, KS
 67659

Cust I.D.....: Ron's
 P.O. Number...: NickelsonA13-1
 P.O. Date.....: 09/10/98

Due Date.: 10/10/98
 Terms.....: Net 30

Item-I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	93.00	SKS	6.3500	590.55	E
Pozmix	62.00	SKS	3.2500	201.50	E
Gel	3.00	SKS	9.5000	28.50	E
Chloride	5.00	SKS	28.0000	140.00	E
Handling	155.00	SKS	1.0500	162.75	E
Mileage (56)	56.00	MILE	6.2000	347.20	E
155 sks @\$.04 per sk per mi					
Surface	1.00	JOB	470.0000	470.00	E
Mileage pmp trk	56.00	MILE	2.8500	159.60	E
Wooden plug	1.00	EACH	45.0000	45.00	E

All Prices Are Net, Payable 30 Days Following Subtotal: 2145.10
 Date of Invoice. 1 1/2% Charged Thereafter. Tax.....: 0.00
 If Account CURRENT take Discount of \$ 321.76 Payments: 0.00
 ONLY if paid within 30 days from Invoice Date Total....: 2145.10

Paid
ck# 3965
10-25-98

2145.10
 321.76

 1823.34

ALLIED CEMENTING CO., INC.

P.O. BOX 34
 RUSSELL, KS 67665
 PH (785) 483-3887
 FAX (785) 483-5566

 * I N V O I C E *

ORIGINAL

Invoice Number: 078224

Invoice Date: 09/30/98

Sold Ron's Oil Operations, Inc
 To: P. O. Box 112
 Penokee, KS
 67659

Cust I.D.....: Ron's
 P.O. Number...: Nicholson 13-1
 P.O. Date.....: 09/30/98

Due Date.: 10/30/98
 Terms.....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	210.00	SKS	6.3500	1333.50	E
Pozmix	140.00	SKS	3.2500	455.00	E
Gel	17.00	SKS	9.5000	161.50	E
Chloride	3.00	SKS	28.0000	84.00	E
FloSeal	88.00	LBS	1.1500	101.20	E
Sand	1.00	SKS	5.6000	5.60	E
Handling	425.00	SKS	1.0500	446.25	E
Mileage (55)	55.00	MILE	17.0000	935.00	E
425 sks @\$.04 per sk per mi					
Port Collar	1.00	JOB	580.0000	580.00	E
Mileage pmp trk	55.00	MILE	2.8500	156.75	E

All Prices Are Net, Payable 30 Days Following Subtotal: 4258.80
 Date of Invoice. 1 1/2% Charged Thereafter. Tax.....: 0.00
 If Account CURRENT take Discount of \$638.82 Payments: 0.00
 ONLY if paid within 30 days from Invoice Date Total....: 4258.80

Handwritten:
 Paid
 CKH
 3973
 11-13-98
 4258.80
 638.82
~~3619.98~~
 a stage cement

ALLIED CEMENTING CO., INC.

P.O. BOX 31
 RUSSELL, KS 67665
 PH (785) 483-3887
 FAX (785) 483-5566

 * INVOICE *

ORIGINAL

Invoice Number: 078171

Invoice Date: 09/23/98

Sold Ron's Oil Operations, Inc
 To: P. O. Box 112
 Penokee, KS
 67659

Cust I.D.....: Ron's
 P.O. Number...: NickelsonA13-1
 P.O. Date.....: 09/23/98

Due Date.: 10/23/98
 Terms.....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Gel	3.00	SKS	9.5000	28.50	E
ASC	175.00	SKS	8.2000	1435.00	E
Gilsonite	823.00	LBS	0.4300	353.89	E
FloSeal	44.00	LBS	1.1500	50.60	E
WFR-2	500.00	GAL	1.0000	500.00	E
Handling	175.00	SKS	1.0500	183.75	E
Mileage (56)	56.00	MILE	7.0000	392.00	E
175 sks @\$.04 per sk per mi					
Production String	1.00	JOB	1080.0000	1080.00	E
Mileage pmp trk	56.00	MILE	2.8500	159.60	E
Plug	1.00	EACH	38.0000	38.00	E
Centralizers	5.00	EACH	25.0000	125.00	E
Baskets	2.00	EACH	129.0000	258.00	E
Port Collar	1.00	EACH	1200.0000	1200.00	E
Guide Shoe	1.00	EACH	90.0000	90.00	E
AFU Insert	1.00	EACH	150.0000	150.00	E

All Prices Are Net, Payable 30 Days Following Subtotal: 6044.34
 Date of Invoice. 1 1/2% Charged Thereafter. Tax.....: 0.00
 If Account CURRENT take Discount of \$ 906.65 Payments: 0.00
 ONLY if paid within 30 days from Invoice Date Total....: 6044.34

Paid 10-25-98 6044.34
Ch# 3965
906.65
5037.69

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