

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

ORIGINAL

KCC

JUN 23

CONFIDENTIAL

RELEASED

JUL 15 1993

FROM CONFIDENTIAL

Operator: License # 6030
Name: AINSWORTH OPERATING CO.
Address P.O. BOX 1269
COLORADO SPRINGS, CO 80907
City/State/Zip _____

Purchaser: N.A.

Operator Contact Person: TERRY HIDY

Phone (719) 576-5300

Contractor: Name: ABERCROMBIE DRILLING

License: 30684

Wellsite Geologist: KENT ROBERTS

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: 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. _____

5-19-92 5-24-92 5-24-92

Spud Date Date Reached TD Completion Date

API NO. 15- 065-22679 0000

County GRAHAM

SE - NW - NE - Sec. 12 Twp 23 Rge. 23 E W

1290 Feet from N (circle one) Line of Section

1650 Feet from W (circle one) Line of Section

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

Lease Name HALE Well # 1

Field Name UNKNOWN

Producing Formation DRY

Elevation: Ground 2372 KB 2377

Total Depth 3840 PBDT 3840

Amount of Surface Pipe Set and Cemented at 259' Feet

Multiple Stage Cementing Collar Used? 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 A 1-11 UVA
(Data must be collected from the Reserve Pit)

Chloride content 1500 ppm Fluid volume 800 bbls

Dewatering method used EVAPORATION

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. JUL 6 1992 S Rng. _____ E/W

County _____

RECEIVED
STATE CORPORATION COMMISSION
JUL 6 1992
Wichita, Kansas

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 Terry Hidy

Title GEOLOGIST Date 7-2-92

Subscribed and sworn to before me this 2nd day of July 19 92.

Notary Public Trisha K. Nolan

Date Commission Expires 10/07/94

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

Operator Name AINSWORTH OPERATING COMPANY

Lease Name HALE

Well # 1

Sec. 12 Twp. 7 Rge. 23

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.)

List All E.Logs Run:

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
ANHYDRITE	2033	+344
BASE ANHYDRITE	2065	+312
TOPEKA	3391	-1014
HEEBNER	3593	-1216
TORONTO	3620	-1243
LANSING	3635	-1258
MUNCIE CREEK	3741	-1364
BKC	3830	-1453

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 3/4	8 5/8	20	259	60/40POZ MIX	185	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 <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input 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

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) _____

KCC

ORIGINAL JUN 23

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7/15/93
JUL 15 1993

CONFIDENTIAL

DST #1, 3628-3642, 15-30-15-30, 1st open 1/4" blow died in seven minutes flushed tool - no help, 2nd open - no blow. Recovered 5' of mud with a show of oil in the tool, Hp 1920-1254# BHT 98 degrees F,

Dst #2, 3656-3670, 30-30-15-30, 1st open - 1' blow died in 24 minutes, 2nd open - No blow-flushed tool-no help. Recovered 70' of watery mud, ch - 11,000 p.p.m. HP 1931-1898, FP 57-68, 80-80, SIP 1045 - 1045, BHT 99 degrees.

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STATE CORPORATION COMMISSION

JUL 6 1992

CONSULTATION DIVISION
Wichita, Kansas

7/6/92

15-065-22679-00-00

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31 JUN 23
RUSSELL, KANSAS 67665

ORIGINAL

CONFIDENTIAL

TO: Ainsworth Operating Co.

INVOICE NO. 61898

P. O. Box 1269

RELEASED PURCHASE ORDER NO. _____

Colorado Springs, CO 80906-1269

JUL 15 1992 LEASE NAME Hale #1

DATE May 19, 1992

FROM CONFIDENTIAL

7/15/93

SERVICE AND MATERIALS AS FOLLOWS:

Common 111 sks @\$5.25	\$582.75	
Pozmix 74 sks @\$2.25	166.50	
Chloride 5 sks @\$21.00	<u>105.00</u>	\$ 854.25
Handling 185 sks @\$1.00	185.00	
Mileage (41) @\$.04¢ per sk per mi	303.40	
Surface	380.00	
Mi @\$2.00 pmp trk chg	82.00	
1 plug	<u>42.00</u>	992.40
	Total	\$1,846.65

Cement circulated

If account CURRENT 20% discount will
be allowed ONLY if paid within 30 days
from date of invoice.

Thank you!

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

RECEIVED
STATE CORPORATION COMMISSION

JUL 6 1992

CONSERVATION DIVISION
Wichita, Kansas

7/6/92

15-065-22679-00-00

13-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

JUN 23

ORIGINAL

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

ALLIED CEMENTING CO., INC.

2051

Home Office P. O. Box 31

Russell, Kansas 67665

5-25-92

Date	5-24-92	Sec.	12M	FWP	75	Range	23 W	Called Out	7:15 P.M.	On Location	9:30 P.M.	Job Start	10:30 P.M.	Finish	12:30 A.M.	
Lease	Hale	Well No.	1	Location	Hill City 6N1E 1/2N 1/2NW			County	Graham	State	KS.					
Contractor	Abercrombie R.T.D., Inc. Rig #4						Owner	Same								
Type Job	Plug															
Hole Size	7 7/8"			T.D.	3840'											
Csg.	8 5/8"			Depth	259'											
Tbg. Size				Depth												
Drill Pipe				Depth												
Tool				Depth												
Cement Left in Csg.				Shoe Joint												
Press Max.	200 #			Minimum												
Meas Line				Displace												
Perf.																

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 Ainsworth Operating Company
 Street P.O. Box 1269
 City Colorado Springs, State Co. 80901
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
 X Norald Maly

CEMENT

Amount Ordered 190 sks 6 3/4 poz 6 2 gal with
 Consisting of 1/4 # of Floceal/sk.
 Common 114 sks @ 5.25/sk. # 598.50
 Poz. Mix 76 sks @ 2.25/sk. 171.00
 Gel. 7 sks @ 6.75/sk. (used 10 sks) 47.25
 Chloride
 Quickset
Floceal - 48 # @ 1.00/1b. 48.00

EQUIPMENT

Pumptrk	No.	Cementor	Gary H. Wayne Mc.
	191	Helper	
Pumptrk	No.	Cementor	
		Helper	
Bulktrk #212		Driver	Joe S.
		Driver	

Sales Tax
 Handling 2.00/sk. (190 sks) 190.00
 Mileage 2044/sk./mi. (43 mi.) 326.80
 Sub Total 1381.55
 Total

DEPTH of Job

Reference #8	Pumptruck-plug	# 380.00
#13	mileage @ 2.00/mi.	86.00
	1-8 5/8" dry hole plug	21.00
	Sub Total	487.00
	Tax	
	Total	

Floating Equipment Thanks

Remarks:
 1st plug @ 2035' w/25 sks.
 2nd plug @ 1220' w/100 sks.
 3rd plug @ 300' w/40 sks.
 8 5/8" plug @ 40' w/10 sks. to surface.
 Plugged rat hole w/15 sks.

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 Wichita, Kansas

15-065-22679-00-00

7/6/92

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TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

JUL 15 1993
7/15/93

FROM CONFIDENTIAL

CONFIDENTIAL

TO: Ainsworth Operating Company
P. O. Box 1269
Colorado Springs, CO 80901

INVOICE NO. 61935
PURCHASE ORDER NO. _____
LEASE NAME Hale #1
DATE May 24, 1992

SERVICE AND MATERIALS AS FOLLOWS:

Common 114 sks @\$5.25	\$598.50	
Pozmix 76 sks @\$2.25	171.00	
Gel 7 sks @\$6.75	47.25	
Floseal 48# @\$1.00	<u>48.00</u>	\$ 864.75
Handling 190 sks @\$1.00	190.00	
Mileage (43) @\$.04¢ per sk per mi	326.80	
Plug	380.00	
Mi @\$2.00 pmp trk chg	26.00	
1 plug	<u>21.00</u>	<u>1,003.80</u>
	Total	\$1,868.55
25 sks @2035'		
100 sks @1220'		
40 sks @300'		
10 sks @40'		
15 sks @RH		

Thank you! If account CURRENT 20% discount will be allowed ONLY if paid within 30 days from date of invoice.

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

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Wichita, Kansas
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