

CONFIDENTIAL

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

Operator: License # 5422

Name: Abercrombie Drilling, Inc.

Address: 150 N. Main, Suite 801

City/State/Zip: Wichita, KS 67202

Purchaser: KOCH OIL COMPANY

Operator Contact Person: Jack L. Partridge

Phone: (316) 262-1841

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: Steve Frankamp

Designate Type of Completion
 New Well Re-Entry Workover

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

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

Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening _____ Re-perf. _____ Conv. to Inj/SWD
Plug Back _____ PBSD
Commingled _____ Docket No. _____
Dual Completion _____ Docket No. _____
Other (SWD or Inj?) Docket No. _____

Spud Date 5-5-92 Date Reached TD 5-11-92 Completion Date 7-3-92

API NO. 15- 165-21.607-0000

County Rush

NE SW NW Sec. 31 Twp. 18S Rge. 17 X

1650' Feet from S/N (circle one) Line of Section

990' 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 Pohoralek Well # 1

Field Name Wildcat

Producing Formation Arbuckle

Elevation: Ground 2005' KB 2010'

Total Depth 3767' PSTD _____

Amount of Surface Pipe Set and Cemented at 1128.45' 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 cnt.

Drilling Fluid Management Plan 4-21-94 Act 1 JZ
(Data must be collected from the Reserve Pit)

Chloride content 17,000 ppm Fluid volume 1527 bbls

Dewatering method used evaporation

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, 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 Jack L. Partridge

ANGELA WOODARD
State of Kansas
My Appt. Exp. Mar. 20, 1993

Title STATE CORPORATION COMMISSIONER Date 7-6-92

Subscribed and sworn to before me, this 6th day of July, 1992

Notary Public Angela Woodard

Date Commission Expires March 20, 1993

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC SUD/Rep NSPA
 KGS Plug Other
(Specify)

RECEIVED
STATE CORPORATION COMMISSION
JUL 22 1992
WICHITA, KANSAS

SIDE TWO

Operator Name Abercrombie Drilling, Inc. Lease Name Pohoralek Well # 1
 Sec. 31 Twp. 18S Rge. 17 East West
 County Rush

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.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No	Anhydrite	1123'	(+887')
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Base Anhydrite	1153'	(+857')
List All E.Logs Run:	DST #1 3706'-3767' (Arbuckle) 30-45-60-45	Heebner	3336'	(-1326')
140' cl. gassy oil (43°), 50' HOCM (20% oil), 60' OCM (10% oil)	IFPs 29-57 ISIP 1187 FFPs 89-115 FSIP 1187	Toronto	3353'	(-1343')
		Lansing	3388'	(-1378')
		BKC	3653'	(-1643')
		Arbuckle	3763'	
		RTD	3767'	
		LTD	3767'	

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"	28#	1128.45'	60-40 posmix	400	2% gel 3% cc
Production		5 1/2"	14#	3764.50'	50-50 posmix	25	2% gel 3/4 of 1% CFR-2
					Common	100	18% salt

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
	Open hole 3765'-3767'	100 gal 15% MCA	3765'-3767'

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First, Resumed Production, SVD 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
		70				20		

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACQ-1 WELL HISTORY
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Designate Type of Completion
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 Oil SVD SIDW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:
Operator: N/A
Well Name: _____
Comp. Date _____ Old Total Depth _____
Deepening _____ Re-perf. _____ Conv. to Inj/SVD _____
Plug Back _____ PBTB _____
Commingled _____ Docket No. _____
Dual Completion _____ Docket No. _____
Other (SVD or Inj?) Docket No. _____
Spud Date 5-5-92 Date Reached TD 5-11-92 Completion Date 7-3-92

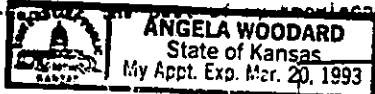
API NO. 15- 165-21.607
County Rush
NE SW NW Sec. 31 Twp. 18S Rng. 17 E/V
1650' Feet from S/N (circle one) Line of Section
990' Feet from E/V (circle one) Line of Section
Footages Calculated from nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Pohoralek Well # 1
Field Name Wildcat
Producing Formation Arbuckle
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Total Depth 3767' PBTB _____
Amount of Surface Pipe Set and Cemented at 1128.45' 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 CNT.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 17,000 ppm Fluid volume 1527 bbls
Dewatering method used evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____ License No. _____
Quarter Sec. Twp. S Rng. E/V
County _____ Docket No. _____

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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.

Signature Jack L. Partridge
Title Gen. Insp. Date 7-6-92
Subscribed and sworn to before me this 6th day of July 19 92.
Notary Public Angela Woodard
Date Commission Expires March 20, 1993



K.C.C. OFFICE USE ONLY
F _____ Letter of Confidentiality Attached
C _____ Wireline Log Received
C _____ Geologist Report Received
STATE CORPORATION COMMISSION
Distribution
_____ KCC _____ SVD _____
_____ KCS _____ Plug _____ Other _____
APR 21 1992
CONSERVATION DIVISION
Wichita, Kansas

SIDE TWO

Operator Name Abercrombie Drilling, Inc. Lease Name Pohoralek Well # 1

Sec. 31 Twp. 18S Rgs. 17 East West
County Rush

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time seal 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 sheets 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.) DST #1 3706'-3767' (Arbuckle)
30-45-60-45

List All E.Logs Run: Rec. 190' gas in pipe
140' cl. gassy oil (43°), 50' HOCM (20% oil), 60'
OCM (10% oil) IFPs 29-57 ISIP 1187
FFPs 89-115 FSIP 1187

Log	Formation (top), Depth and Datum	Datum
<input checked="" type="checkbox"/>	Anhydrite 1123'	(+887')
	Base Anhydrite 1153'	(+857')
	Heebner 3336'	(-1326')
	Toronto 3353'	(-1343')
	Lansing 3388'	(-1378')
	BKC 3653'	(-1643')
	Arbuckle 3763'	
	RTD 3767'	
	LTD 3767'	

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
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Production		5 1/2"	14#	3764.50'	50-50 posmix	25	2% gel 3/4 of 1%
					Common	100	18% salt

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
	Open hole 3765'-3767'	100 gal 15% MCA	3765'-3767'

TUBING RECORD Size 2 3/8 Set At 3760' Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 7-16-92 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 hours 7/21/92 Oil Bbls. 70 Gas Mcf _____ Water Bbls. 20 Gas-Oil Ratio _____ Gravity _____

CONFIDENTIAL

15-165-21607-0000

REPORT OF RUNNING AND CEMENTING CASING

MAY 14 1992

A. L. ABERCROMBIE, INC.

ABERCROMBIE DRILLING, INC.

Date 5-11-92

Lease Name P. Heickel Well No. #1 APE # 15-165-21607

Lease Owner/Operator A.L. Abercrombie Inc

Drilling Contractor Abercrombie RTD Inc Rig No. 8

Location NE-SW-NW Sec 31 Twp 18s Rge 17w County Kush

Casing Received From: (Supply) _____ Inv. No. _____

Casing Charged To: (Company) AL Abercrombie Inc

Casing Trucked By: Con Trucks

Amount Of Casing Received 113 Jts. 3702.3471 (100 CFF) Ft.

Amount Of Casing Left Over 3 Jts. 126.41 Ft.

Disposition Of Casing Left Over Back To Location

Rotary Bushing T.D. 3767 Ft. Size Of Hole 7 7/8 In.

Casing Set At: (R.B. To Bottom Of Shoe) 110 Jts. 3764.50 (100 CFF) Ft.

Size 5 1/2 Weight 14 Thread 8 1/2

Range 2+3 Grade Used Make _____

Shoe (Type—Make) Baker Guide Shoe Float Collar (Type—Make) ATC Fill

Stage Collar (Make—Set At) None

Centralizers (Set At) #2 @ 3702', #4 @ 3636', #6 @ 3572', #11 @ 3413'

#15 @ 3280

Scratchers (Set At) _____

Basket - #1/2 & #8 collar @ 3508

Cemented With _____ Sacks Of CKB/CW Cement

Cemented By 3-5-11-92 Plug To: 3731.70 Ft.

Plugs (Number—Type) 1x 5 1/2 Full Body Plug

Longstring—R.B. To Top Of Braden Head 7 Ft.

Surface String—R.B. To Top Of Collar 8 Ft.

Remarks: Run 110 ft of 5 1/2 x 14" casing to 3759.50

550 gal D.E. mud flush 25 sy 1/50

6" Gilsonite + 700 CF 100 CFF -

1890 SALT

8:15 PM 5-11-92

NOTE: All measurements to be made in feet and hundredths.
All casing to be ran in numerical order of tally.
Attach tally to back of casing report.

[Signature]
Company Representative

RECEIVED
JUL 22 1992
CONSERVATION DIVISION
STATE OF KENTUCKY
7-22-92

15-165-21687-0000

CONFIDENTIAL

ELEPHONE:
AREA CODE 913 483-2627

UNITED CEMENTING COMPANY, INC.
P. O. BOX 31
RUSSELL, KANSAS 67665

TO: Abercrombie Drilling, Inc.
801 Union Center
Wichita, KS 67202

INVOICE NO. 61819
PURCHASE ORDER NO. _____
LEASE NAME Poheralek #1
DATE May 6, 1992

SERVICE AND MATERIALS AS FOLLOWS:

Common 240 sks @\$5.25	\$1,260.00	
Pozmix 160 sks @\$2.25	360.00	
Chloride 12 sks @\$21.00	252.00	\$1,872.00
Handling 400 sks @\$1.00	400.00	
Mileage (28) @\$.04¢ per sk per mi	448.00	
Surface	380.00	
Mi @\$2.00 pmp trk chg	56.00	
828' @\$.39¢ over 300'	322.92	
1 plug	42.00	1,648.92

Total

\$3,520.92
704.187
2816.74

Cement circulated ✓

Thank you!

OK gmy

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

RECEIVED
STATE CORPORATION COMMISSION

JUL 22 1992
7-22-92
CONSERVATION DIVISION
Wichita, Kan.