

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

007-22558 0000

API NO. 15-

County BARBER

NW - NW - SW - Sec. 3 Twp. 34 Rge. 13 K W

Operator: License # 5506 **CONFIDENTIAL**

2310' FSL Feet N (circle one) of Section Line

Name: WOOLSEY PETROLEUM CORPORATION

330' FWL Feet E (circle one) of Section Line

Address 125 N MARKET, SUITE 1000

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

City/State/Zip WICHITA KS 67202

Lease Name ALLEN "A" Well # 1

Purchaser: N/A

Field Name N/A

Operator Contact Person: DEBRA K. CLINGAN

Producing Formation N/A

Phone (316) 267-4379 ext 106

Elevation: Ground 1706' KB 1719'

Contractor: Name: DUKE DRILLING CO INC

Total Depth 5370' RTD P8TD N/A

License: 5929

Amount of Surface Pipe Set and Cemented at 220' Feet

Wellsite Geologist: MIKE MAUNE

Multiple Stage Cementing Collar Used? Yes XX No

Designate Type of Completion

XX New Well Re-Entry Workover

If yes, show depth set Feet

 Oil SWD S10W Temp. Abd.

XX Gas ENHR SIGW

XX Dry Other (Core, WSW, Expl., Cathodic, etc.)

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If Alternate II completion, cement circulated from N/A

feet depth to w/ ex cmt.

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

Drilling Fluid Management Plan D.A. 7-30-98 U.C.
(Data must be collected from the Reserve Pit)

Operator: N/A 5-28-98 MAY 28 1998

Fluid content 3800 ppm Fluid volume 669 bbls

Well Name:

Dewatering method used HAUL FREE FLUIDS/LET DRY

Comp. Date Old Total Depth CONSERVATION DIVISION WICHITA, KS

Location of fluid disposal if hauled offsite:

 Deepening Re-perf. Conv. to Inj/SWD

 Plug-Back P8TD

 Commingled Docket No.

 Dual Completion Docket No.

 Other (SWD or Inj?) Docket No.

Operator Name BOWER DRILLING CO

Lease Name COLE SWD License No. 5435

01/21/98 02/04/98 02/05/98

Quarter 25 Sec. 25 Twp. 32 S Rng. 12 E/W

Spud Date 01/21/98 Date Reached TD 02/04/98 Completion Date 02/05/98

County BARBER Docket No. D-19886

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 Mark P. Stevenson

Title VICE-PRESIDENT-OPERATIONS Date 5/21/98

Subscribed and sworn to before me this 21st day of MAY 19 98

Notary Public Debra K. Clingan
DEBRA K. CLINGAN

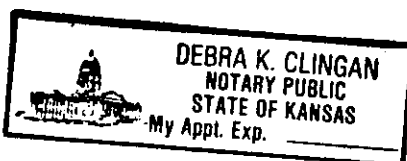
Date Commission Expires 03/04/2002

KCC

MAY 29

CONFIDENTIAL

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



Sec. 3 Twp. 34 Rge. 13

East
 West

County BARBER

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:
COMPENSATED NEUTRON DENSITY PE
DUAL INDUCTION
SONIC

Name	Top	Datum	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
CHASE	2117	- 398			
HEEBNER	3978	-2259			
LANSING G	4448	-2729			
HERTHA	4602	-2883			
MISSISSIPPIAN C	4740	-3021			
KINDERHOOK	4958	-3239			
VIOLA	5062	-3343			
ARBUCKLE	5324	-3605			
RTD	5370	-3651			

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In D.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	14-3/4"	10-3/4"	32#	219.89'	60/40 poz	175	3%cc, 2%gel

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose: N/A	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
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
N/A			

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

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

Production Interval _____

WOOLSEY PETROLEUM CORPORATION
ALLEN A-1
2310' FSL 330' FWL
NW NW SW Section 3-34S-13W
Barber County, Kansas

ORIGINAL

API # 15-007-225580000
Elev GL 1706'
KB 1719'
Spud 01/21/1998

Drill Stem Tests

CONFIDENTIAL

DST #1 3976'- 4018' (Snyderville) 30-60-60-240
1st op: GTS 15" , 20" - 8.22 mcf, 25" - 9.5, 30" - 9.2
2nd op: 5" - 9.2 mcf, 10" - 8.22, 15" - 6.93, 20" 7.12, 25" - 8.56, 30"
- 9.5, 35 " - 9.79,
40" - 9.79, 45" - 8.89, 50" - 8.22, 55 " - 7.12, 60" - 7.12
Rec: 170' GCM (20%G, 80%M), 120' GCWM (7%G, 33%W, 60%M), 180' MW (96%W,
4%M) Chl: 16,000 ppm (mud sys 4000). Rw: .59 @ 61 F
IHP: 1950 FHP: 1909
IFP: 72-117 FFP: 133-209
ISIP: 1260 FSIP: 1311
BHT: 112 F

DST #2 4388'- 4416' (Lansing) 30-60-60-180
1st op: F blow 6" max
2nd op: F blow 8" max
Rec: 95' GIP, 25' DM
IHP: 2075 FHP: 2062
IFP: 23-30 FFP: 25-42
ISIP: 1374 FSIP: 1583 bldg
BHT: 114 F

DST #3 4564'- 4590' (Swope) 30-60-60-240
1st op: S blow, BOB in 70 sec
2nd op: S blow, BOB in 12-1/2 min
Rec: 2020' GIP, 2' GO, 78' GOCM (25%G, 22%O, 53%M), 185' GCMW w/O spks (15%G,
75%W, 10%M), 240' GSW Chl: 68,000 ppm (mud sys 3000)
IHP: 2178 FHP: 2171
IFP: 67-31 FFP: 145-267
ISIP: 1653 FSIP: 1677
BHT: 123 F

DST #4 4721'- 4792' (upper Miss) 30-60-60-240
1st op: W blow, 1/2" incr 2"
2nd op: W blow, 1-1/2 incr 2"
Rec: 20' DMSGC
IHP: 2352 FHP: 2250
IFP: 33-35 FFP: 32-43
ISIP: 142 FSIP: 441
BHT: 118 F

DST #5 4796'- 4835' (lower Miss) 30-60-60-240
1st op: W blow incr to F blow
2nd op: S blow, BOB in 10 min
Rec: 140' GIP, 40' SGCM (97%M, 3%G)
IHP: 2417 FHP: 2371
IFP: 37-34 FFP: 34-34
ISIP: 577 FSIP: 835
BHT: 125 F
Note: Elec rec failed, mech chart readings

DST #6 5056'- 5085' (Viola) 30-60-60-240
1st op: S blow off BOB in 4 min, during initial SI wk blow back
2nd op: S blow off BOB immed, wk blow back on 2nd SI, 55 min into final SI GTS
TSTM
Rec: 120' HOCM (40%O, 3%G, 57%M)
IHP: 2457 FHP: 2438
IFP: 31-34 FFP: 29-54
ISIP: 1912 FSIP: 1741
BHT: 120 F
Note: SI pressures indicate either a leak or possibly 2 zones - zone w/ show
probably has good pressure.

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MAY 28 1998

CONSERVATION DIVISION
WICHITA, KS

KCC

MAY 29

CONFIDENTIAL

ALLIED CEMENTING CO., INC. 5854

CONFIDENTIAL

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

SERVICE POINT: Med. Lodge, Ks.

ORIGINAL

DATE <u>1-21-48</u>	SEC. <u>3</u>	TWP. <u>34S</u>	RANGE <u>13W</u>	CALLED ON <u>5:00 P.M.</u>	LOCATION <u>Union Chapel, 35-27w-11</u>	JOB START <u>12:00 A.M.</u>	JOB FINISH <u>3:00 A.M.</u>
LEASE <u>Allan</u>	WELL # <u>A-1</u>	LOCATION <u>Union Chapel, 35-27w-11</u>			COUNTY <u>Barber</u>	STATE <u>Ks.</u>	

OLD OR NEW (Circle one)

CONTRACTOR Duke Drg. #7 OWNER Woolsey Pet. Corp.
 TYPE OF JOB Surface Csg. CEMENT

HOLE SIZE <u>14 3/4</u>	T.D.	AMOUNT ORDERED <u>1755xs. 60/40</u>
CASING SIZE <u>10 3/4 x 32.25</u>	DEPTH <u>220'</u>	<u>3% CaCl² + 2% Gel</u>
TUBING SIZE	DEPTH	
DRILL PIPE	DEPTH	
TOOL	DEPTH	
PRES. MAX	MINIMUM	
MEAS. LINE	SHOE JOINT	
CEMENT LEFT IN CSG. <u>15 feet</u>		
PERFS.		

EQUIPMENT

PUMP TRUCK # <u>266</u>	CEMENTER <u>Harry Dreling</u>		
	HELPER <u>Fustin Hart</u>		
BULK TRUCK # <u>242</u>	DRIVER <u>Randie Hardwer</u>		
BULK TRUCK #	DRIVER		
			TOTAL

REMARKS:

SERVICE

<u>Csg. on Bottom Break Circ.</u>	DEPTH OF JOB <u>220'</u>
<u>mix + Pump 1755xs. 60/40 2% Gel</u>	PUMP TRUCK CHARGE
<u>3% CaCl² Cement In. Displace</u>	EXTRA FOOTAGE @
<u>20 3/4 Bks. Fresh H₂O. Stop Pumps.</u>	MILEAGE @
<u>Shut In Cement Circ. to Surface.</u>	PLUG @
	@
	@
	TOTAL

CHARGE TO: Woolsey Pet. Corp.
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	@
	@
	@
	@
	@
	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 Kenneth McGuire KENNETH MCGUIRE

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KANSAS CORPORATION COMMISSION

MAY 28 1998

CONSERVATION DIVISION
WICHITA, KS

KCC
MAY 29
CONFIDENTIAL

ALLIED CEMENTING CO., INC. 5864

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

SERVICE POINT:
Med. Lodge, KS.

ORIGINAL
CONFIDENTIAL

DATE <u>2-5-98</u>	SEC. <u>3</u>	TWP. <u>34s</u>	RANGE <u>13W</u>	CALLED OUT <u>12:00 P.M.</u>	ON LOCATION <u>3:15 P.M.</u>	JOB START <u>6:00 P.M.</u>	JOB FINISH <u>7:30 P.M.</u>
LEASE <u>Allen</u>	WELL # <u>A-#1</u>	LOCATION <u>Diana Chapel, 3s-23w-11</u>			COUNTY <u>Barber</u>	STATE <u>KS.</u>	

OLD OR NEW (Circle one)

CONTRACTOR Duke #7
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 7/8 TD
 CASING SIZE 10 3/4 DEPTH 220
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 200 MINIMUM 100
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.

OWNER Woolsey Petroleum
CEMENT

AMOUNT ORDERED 12.55xs. 60/40/6%Gel

EQUIPMENT

PUMP TRUCK CEMENTER Army Drilling
 # 253-302 HELPER Justin Hart
 BULK TRUCK
 # 1042 DRIVER James Holt
 BULK TRUCK
 # DRIVER

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

REMARKS:

SERVICE

600' w/ 50SXS.
240' w/ 40SXS.
40' w/ 10SXS
mousehole 10SXS
Rathle 15SXS.
Cemented w/ 12.55xs. 60/40/6%Gel

DEPTH OF JOB 600'
 PUMP TRUCK CHARGE
 EXTRA FOOTAGE @
 MILEAGE @
 PLUG waxed-103/4 @
 @
 @
 TOTAL

CHARGE TO: Woolsey Petroleum
 STREET
 CITY STATE ZIP

FLOAT EQUIPMENT

@
 @
 @
 @
 @
 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 Kenneth McGuire KENNETH MCGUIRE

KCC
 MAY 29
 CONFIDENTIAL

RECEIVED
 KANSAS CORPORATION COMMISSION

MAY 28 1998

CONSERVATION DIVISION
 WICHITA, KS

EFFECTIVE DATE: 1-5-98

State of Kansas 15-007-22,558-00-00

FORM MUST BE TYPED

DISTRICT # 1

FORM MUST BE SIGNED
ALL BLANKS MUST BE FILLED

35A7... Yes No

Must be approved by the K.C.C. five (5) days prior to commencing well

Expected Spud Date JANUARY 5th, 1998
month day year

Spot NW NW SW Sec 3 Twp 34 S. Rg 13 East West

5906
OPERATOR: License #
Name: WOOLSEY PETROLEUM CORPORATION
Address: 125 N. MARKET, SUITE 1000
City/State/Zip: WICHITA, KS 67202-1775
Contact Person: DEBRA K. CLINGAN
Phone: (316) 267-4379 ext 106

2310' FSL feet from South North line of Section
330' FWL feet from East West line of Section
IS SECTION REGULAR IRREGULAR

CONTRACTOR: License #: 5929
Name: DUKE DRILLING CO., INC.

(NOTE: Locate well on the Section Plat on Reverse Side)
County: BARBER

Lease Name: ALLEN A Well # 1
Field Name: ACTINA GAS AREA

Is this a Prorated/Spaced Field? yes no
Target Formation(s): ARBUCKLE

Well Drilled For: Well Class: Type Equipment:
 Oil ... Enh Rec Infield Mud Rotary
 Gas ... Storage ... Pool Ext. ... Air Rotary
... OWWO ... Disposal ... Wildcat ... Cable
... Seismic: ... # of Holes ... Other
... Other

Ground Surface Elevation: 1705' est feet MSL

Water well within one-quarter mile: yes no
Public water supply well within one mile: yes no

If OWWO: old well information as follows:

Depth to bottom of fresh water: 100'
Depth to bottom of usable water: 180'

Operator: _____
Well Name: _____
Comp. Date: _____ Old Total Depth _____

Surface Pipe by Alternate: 1' 200'
Length of Surface Pipe Planned to be set: 200'
Length of Conductor pipe required: n/a

Projected Total Depth: 5400'
Formation at Total Depth: ARBUCKLE

Directional, Deviated or Horizontal wellbore? yes no
If yes, true vertical depth: _____

Water Source for Drilling Operations:
... well ... farm pond other

Bottom Hole Location: _____

DWR Permit #: _____
Will Cores Be Taken? yes no

Exp. 6/30/98

AFFIDAVIT

200' Alt. I Req.

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 22-1-101

Pusher Ken
SPUD DATE 1-21-98 INIT. MM
LENGTH SURFACE PLANNED 200 10 3/4"
RESERVE PIT STATUS- REMOVE FLUID LINED
after salt sect. bbls. when done bbls.
RATHOLED AHEAD? N SIZE HOLE
SURFACE PIPE 10 3/4" @ 249 CONDUCTOR
ANHYDRITE T- B- ELEVATION
TD 5270 FORMATION 45' in Ar-buckle
RAN PIPE @ DV TOOL ALT II DONE
SX SX Y N
Arbuckle Plug @ 1 Ft. W/ 40 SX NO
Hug./Council @ Ft. W/ SX
Anhydrite Base @ 600 Ft. W/ 40 SX
1/2 Base Anhy. @ Ft. W/ SX
1/2, 1/2 Plug @ Ft. W/ SX
Bottom Surface @ 240 Ft. W/ 40 SX
40' Plug @ 40 Ft. W/ 10 SX
RAT HOLE CIRC/W 15 SX MOUSE HOLE W/10 SX
WATER WELL 3 SX (Irr. Well Pond Hauling
TECHNICIAN 1 DATE
TYPE OF CEMENT 60/40 p02 690e1
STARTING TIME 5:00 (AM/PM) DATE 2-5-98
COMPLETION TIME 7:30 (AM/PM) DATE 2-5-98
CEMENT COMPANY Allied