

ORIGINAL

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

API NO. 15- 145-21437 0000

County Pawnee County, Kansas

C E/2 NE NE Sec. 2 Twp. 20S Rge. 20 XX

4620 Feet from SN (circle one) Line of Section

400 Feet from EW (circle one) Line of Section

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

Lease Name Seltman Well # 1

Field Name Wildcat

Producing Formation Cherokee

Elevation: Ground 2261' KB 2270'

Total Depth 4330' PBDT 4400'

Amount of Surface Pipe Set and Cemented at 538.30 Feet

Multiple Stage Cementing Collar Used? Yes XX No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 1 8/16/97 5-7-97
(Data must be collected from the Reserve Pit)

Chloride content 38,000 ppm Fluid volume 1200 bbls

Dewatering method used hauled 320 bbls from pits

Location of fluid disposal if hauled offsite:

Operator Name Whitetail Crude

Lease Name Steiben "B" License No. 31627

NE Quarter Sec. 10 Twp. 19 S Rng. 21 X/W

County Ness Docket No. D14,037

Operator: License # 5015

Name: Hellar Drilling Co., Inc.

Address 125 N. Market - Suite 1422

City/State/Zip Wichita, Kansas 67202

Purchaser: NCRA

Operator Contact Person: Don Hellar

Phone (316) 267-2845

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: James Thompson

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW 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. _____

07-31-96 08-08-96 09/13/96
Spud Date Date Reached TD Completion Date

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 [Signature]
Title President Date 12/12/96

Subscribed and sworn to before me this 12th day of December, 19 96.

Notary Public [Signature]
Date Commission Expires June 16, 2000

JUDY C. RIDDER
STATE NOTARY PUBLIC
SEDC. FOR COUNTY, KANSAS
MY APPT. EXP. 6/16/2000

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Operator Name Hellar Drilling Co., Inc.

Lease Name Seltman

Well # 1

Sec. 2 Twp. 20S Rge. 20

East
 West

County Pawnee County, Kansas

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: Bond Log
RA Guard

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Anhydrite	1415	+ 855
Heebner	3711	-1441
LKC	3760	-1490
BKC	4084	-1814
Cherokee	4209	-1939
Conglomerate	4289	-2019
Miss-Osage	4314	-2044
RTD	4330	

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#	538.30	60/40 Poz	250	3%cc 2%gel
Production	7-7/8"	5-1/2"	14 & 15.5#	4328'	ASC	125	500gal super flush

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
6	4216-20	250g HCL & additive acid	4216-20
		8000g gel;3000# sand frac	"

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	4246	--	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method
9/13/96	<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
	60	00	2		38.2°

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)

4216-20

ORIGINAL

15-145-21437

DST #1 2300 - 60'
30-30-30-30
Rec 120' mdy wtr
BHP 353 353
FP 66-67 77-66

DST #2 2361 - 2430'
30-20-15-20
Rec 45' gcm, 185' mdy wtr
BHP 662 673
FP 99-121 132-143

DST #3 4194 - 4257'
30-30-30-30
Rec 1220' gip, 712' cl gsy oil,
134' mc gsy oil, 30' wtr
BHP 788 768
FP 137-226 265-344

DST #3 4280-- 94'
30-30-30-30
Rec 10' m
BHP 740 940
FP 45-56 56-56

RECEIVED
KANSAS CORP CORAM
1996 DEC 13 A 12:10

ALLIED CEMENTING CO., INC.

RECEIVED AUG 12 4 24 1996
 RECEIPT POINT: Heart Bend

TO P.O. BOX 31
 RUSSELL, KANSAS 67665

ORIGINAL

7-31-96

8-1-96

DATE <u>8-1-96</u>	SEC <u>2</u>	TWP. <u>20</u>	RANGE <u>20</u>	CALLED OUT <u>10:30 PM</u>	ON LOCATION <u>12:45 AM</u>	JOB START <u>2:00 AM</u>	JOB FINISH <u>2:45 AM</u>
LEASE <u>Siddiman</u>	WELL # <u>1</u>	LOCATION <u>Alexander, 75, 3E, 1/2 S into</u>			COUNTY <u>Pawnee</u>	STATE <u>Ka</u>	

OLD OR NEW (Circle one)

CONTRACTOR Dyle #4

TYPE OF JOB Surface

HOLE SIZE 12 1/4" T.D. 538'

CASING SIZE 8 3/8" mod 28" DEPTH 538'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. Displacement = 33 1/2 bbls

OWNER Some

CEMENT

AMOUNT ORDERED 250 @ 6 1/40 320 cc, 270 Mel

COMMON	150	@	6.10	915.00
POZMIX	100	@	3.15	315.00
GEL	4	@	9.50	38.00
CHLORIDE	8	@	28.00	224.00
		@		
		@		
		@		
		@		
HANDLING	250	@	1.05	262.50
MILEAGE	31			310.00

EQUIPMENT

PUMP TRUCK # 181 CEMENTER Tom D

BULK TRUCK # 214 HELPER Bob B

BULK TRUCK # _____ DRIVER Jim W.

BULK TRUCK # _____ DRIVER _____

TOTAL \$ 2064.50

REMARKS:

Run 538' of 8 3/8" cas Mixed 250 @ 6 1/40 3+2. Pumped plug with fresh water.

Cement And Circulate

[Signature]

SERVICE

DEPTH OF JOB	538'			
PUMP TRUCK CHARGE	300'			445.00
EXTRA FOOTAGE	238'	@	.41	97.58
MILEAGE	31	@	2.85	88.35
PLUG 1-8 3/8 TWP		@	45.00	45.00
		@		
		@		

TOTAL \$ 675.93

CHARGE TO: Hellan Dyle Co Inc.

STREET 125 N. Market Street 1422

CITY Wichita STATE Ka ZIP 67202

FLOAT EQUIPMENT

	@			
	@			
	@			
	@			
	@			

RECEIVED
 KANSAS CORP/COMM
 DEC 13 7 12 10

ALLIED CEMENTING CO., INC.

0356

TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:

Ness City

DATE <u>8/8/96</u>	SEC <u>2</u>	TWP <u>20S</u>	RANGE <u>20W</u>	CALLED OUT <u>8:30 PM</u>	ON LOCATION <u>7:30 PM</u>	JOB START <u>4:45 AM</u>	JOB FINISH <u>5:45 AM</u>
LEASE <u>Seltman</u>	WELL # <u>1</u>	LOCATION <u>Alexander 7s 4E 1w SW1/4</u>			COUNTY <u>Rush</u>	STATE <u>Ks</u>	

OLD OR (NEW) (Circle one)

CONTRACTOR Duke #4
 TYPE OF JOB Cmt 5 1/2 Prod. CSG
 HOLE SIZE 7 7/8 T.D. 4330
 CASING SIZE 5 1/2 DEPTH 4335
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 24
 CEMENT LEFT IN CSG. _____
 PERFS. _____

OWNER Semco
 CEMENT

AMOUNT ORDERED 500 gal A.S.F.
125 sks A.S.C. + 5# Kol Seal

COMMON <u>125 ASC</u>	@ <u>7.85</u>	<u>981.25</u>
POZMIX _____	@ _____	_____
GEL <u>Kol Seal 625#</u>	@ <u>.38</u>	<u>237.50</u>
CHLORIDE _____	@ _____	_____
<u>500 ASF</u>	@ <u>1.00</u>	<u>500.00</u>
_____	@ _____	_____
_____	@ _____	_____
HANDLING <u>125</u>	@ <u>1.05</u>	<u>131.25</u>
MILEAGE <u>31</u>	@ _____	<u>755.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Max
 # 224 HELPER Bob
 BULK TRUCK _____
 # 116 DRIVER Bill
 BULK TRUCK _____
 # _____ DRIVER _____

TOTAL 2005.00

REMARKS:

Cmt 5 1/2 Prod. CSG with 500 gal A.S.F
+ 120 sks ASC + 5# Kol Seal Plug Mat
Make with 15 sks A.S.C. Washup Pump
Lines Drop Plug Displace 103 BBL
Land Plug Float Held

SERVICE

DEPTH OF JOB <u>4335</u>		
PUMP TRUCK CHARGE _____		<u>1090.00</u>
EXTRA FOOTAGE _____	@ _____	_____
MILEAGE <u>31</u>	@ <u>2.85</u>	<u>88.35</u>
PLUG <u>5 1/2 Rubber</u>	@ <u>50.00</u>	<u>50.00</u>
_____	@ _____	_____
_____	@ _____	_____

TOTAL 1228.35

CHARGE TO: Hellar Drilling Company Co Inc

STREET 125 N. Market #1422

CITY Wichita STATE Ko ZIP 67202

FLOAT EQUIPMENT

<u>Ind. Rubber</u>		
<u>1-5 1/2 Guide Shot</u>	@ <u>168.00</u>	<u>168.00</u>
<u>1-5 1/2 AFU Insert</u>	@ <u>263.00</u>	<u>263.00</u>
<u>4-5 1/2 Centralizers</u>	@ <u>56.00</u>	<u>224.00</u>
<u>1-5 1/2 Cement Basket</u>	@ <u>142.00</u>	<u>142.00</u>
_____	@ _____	_____

RECEIVED
 ALLIED CEMENTING CO.
 AUG 10 1996