

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

Operator: License # 5015  
Name: Hellar Drilling Co., Inc.  
Address 125 North Market - Suite 1422  
Wichita, KS 67202  
City/State/Zip  
Purchaser: N/A  
Operator Contact Person: Don Hellar  
Phone ( 316 ) 267-2845  
Contractor: Name: Duke Drilling Co., Inc.  
License: 5929  
Wellsite Geologist: Harvey Gough  
Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SOW  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  PBTB  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_  
02-17-94 02-25-94  
Spud Date Date Reached TD Completion Date

API NO. 15- 095-21,689 0000  
County Kingman  
SW - SW - SW - Sec. 30 Twp. 29 Rge. 7  E  
330 Feet from  S (circle one) Line of Section  
4620 Feet from  E (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE,  SE NW or SW (circle one)  
Lease Name Calkin Well # 1  
Field Name Spivey-Grabs  
Producing Formation None  
Elevation: Ground 1557 KB 1566  
Total Depth 4575 PBTB \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 229 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 D&A JH 7-20-94  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppa Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
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 D. L. Hellar  
Title President Date 3/24/94  
Subscribed and sworn to before me this 24th day of March, 19 94.  
Notary Public Judy C. Ridder  
Date Commission Expires June 16, 1996

JUDY C. RIDDER  
STATE NOTARY PUBLIC  
SEDGWICK COUNTY, KANSAS  
MY APPT. EXP. 6/16/96

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
RECEIVED  
STATE CORPORATION COMMISSION  
Distribution  
 KCC  SWD/Rep  NSPA  
 KGS  Plug  (Specify)  
MAY 25 1994  
CONSERVATION DIVISION  
Wichita, Kansas

Form ACO-1 (7-91) Red  
03-25-94 P1

SIDE TWO

Operator Name Hellar Drilling Co., Inc. Lease Name Calkin Well # 1  
 Sec. 30 Twp. 29 Rge. 7  East County Kingman  
 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 (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 checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heenber	3172	-1606
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Toronto	3186	-1620
List All E.Logs Run:		Douglas	3203	-1637
DST #1 - 3162-3206 30-30-30-30		Lansing	3399	-1833
Rec 255' fluid - 75' mud; 90' mdy		Stark Shale	3795	-2229
wtr; 90' wtr		Hush Shale	3830	-2264
FP'S 55-100 & 133-156		BKC	3893	-2327
		Ck Shale	4027	-2456
		Miss	4153	-2587
		Viola	4534	-2968

BHP's 1263 & 1196		CASING RECORD		TD	4575'		
		<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 O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8-5/8"	20#	229'	60/40 poz	150	2% gel 3% cc

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       Yes  No

Date of First, Resumed Production, SWD or Inj. D & A      Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours      Oil N/A Bbls.      Gas N/A Mcf      Water N/A Bbls.      Gas-Oil Ratio      Gravity

Disposition of Gas:      METHOD OF COMPLETION      Production Interval

Vented     Sold     Used on Lease       Open Hole     Perf.     Dually Comp.     Commingled

(If vented, submit ACD-18.)       Other (Specify) Plugged

ORIGINAL

DST #2 - 2837-49 30-30-60-45  
Rec 1250' gip; 35' o & gc mdy wtr;  
65' sl mdy wtr w/ trace of oil;  
120' mdy wtr  
FP's 55-66 & 89-133  
BHP's 1329 & 1329

ORIGINAL

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

New

# ALLIED CEMENTING CO., INC.

2899

Home Office P. O. Box 31

Russell, Kansas 67665

Date	2-17-94	Sec.	30	Twp.	29s	Range	7W	Called Out	8:30 AM	On Location	11:00 AM	Job Start	1:25 PM	Finish	1:45 PM	
Lease	CACKIN	Well No.	1	Location				SPREY 1/2N, 1/2E, 2N, 1E	County	KINGMAN	State	KANSAS				
Contractor	DUKE DRILG #5							Owner	HELLAR DRILG. Co							
Type Job	SURFACE CASING															
Hole Size	12 1/4"	T.D.	230'													
Csg.	8 5/8" 20#	Depth	229'													
Tbg. Size		Depth														
Drill Pipe		Depth														
Tool		Depth														
Cement Left in Csg.	20'	Shoe Joint														
Press Max.	250 #	Minimum	50 #													
Meas Line		Displace	13.5 BBLs													
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: HELLAR DRILG. Co  
 Street: 125 N. MARKET ST. #1422  
 City: WICHITA State: KANSAS 67202

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. *[Signature]*  
 X *[Signature]*  
**CEMENT**

Amount Ordered	150cy 60:40:2 + 3% Cact	
Consisting of		
Common	90	5.75 517.50
Poz. Mix	60	3.00 180.00
Gel.	3	7.00 21.00
Chloride	5	25.00 125.00
Quickset		
Handling	150	1.00 150.00
Mileage	40	6.00 240.00
Total		1233.50

**EQUIPMENT**

No.	Cementer	K. BRUNGARDT
Pumptrk 237	Helper	C. BALDIN 6
No.	Cementer	
Pumptrk	Helper	
	Driver	M. BRUNGARDT
Bulktrk 257	Driver	

DEPTH of Job	229'
Reference:	
1	PUMP CHARGE 430.00
40	MILEAGE 90.00
1	8 5/8" WOOD PUG 42.00
Total	562.00

Remarks: RUN 8 5/8" CASING TO 229'  
 BREAK CEMENTATION, CEMENT WITH 150cy 60:40:2 + 3% Cact DISPLACE WITH 13.5 BBLs FRESH H<sub>2</sub>O CEMENT DTD CEMENTATE!

Floating Equipment

Total \$ 1795.50  
 Disc - 359.10  
 \$ 1436.40

RECEIVED  
 STATE CORPORATION COMMISSION  
 JUL 20 1994  
 CONSERVATION DIVISION  
 Wichita, Kansas

ORIGINAL

913-483-2627, Russell, KS  
Phone 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS  
Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS  
Phone 913-798-3843, Ness City, KS

# ALLIED CEMENTING CO., INC. 0006289

Home Office P. O. Box 31 Russell, Kansas 67665

New

Date	2-25-94	Sec.	30	Twp.	29	Range	7	Called Out	1:30 AM	On Location	6:00 AM	Job Start	9:15 AM	Finish	11:00 AM
Lease	Calkin	Well No.	#1	Location			Spivey - 2N, 1/2 E, 2N, 1E, 1/2 N			County	Kingman	State	KS		
Contractor	Duke Rig #5														
Type Job	Rotary Plug														
Hole Size	7 7/8"	T.D.	4575'												
Csg.	Depth														
Tbg. Size	Depth														
Drill Pipe	4 1/2"	Depth	1250'												
Tool	Depth														
Cement Left in Csg.	Shoe Joint														
Press Max.	Minimum														
Meas Line	Displace														
Perf.															

Owner Same  
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 Hellar Drilling Co., Inc.  
Street 125 N. Market Suite 1422  
City Wichita State KS 67202

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. *[Signature]*  
X  
CEMENT

Amount Ordered 155 SKS 60/40 6% Gel,

Consisting of  
Common  
Poz. Mix  
Gel  
Chloride  
Quickset

Handling	Sales Tax
Mileage	Sub Total
	Total

Floating Equipment

**EQUIPMENT**

Pumptrk # 181	Cementer	TIM
	Helper	Bob W.
Pumptrk # 222	Cementer	
	Helper	
Bulktrk 222	Driver	Bob B.
Bulktrk	Driver	

**DEPTH of Job**

Reference:	Pumptrk Change	
	Pumptrk Mileage	
	Sub Total	
	Tax	
	Total	

Remarks: Mixed - 35 sks @ 1250'  
35 sks @ 850'  
35 sks @ 280'  
25 sks @ 60'  
15 sks in Rathole,  
10 sks in mousehole,

*[Signature]* Allied Cementing  
By Tim Dickson

RECEIVED  
STATE CORPORATION  
MAR 25 1994  
CONSERVATION DIVISION  
Wichita, Kansas