

SIDE ONE

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

Operator: License # 5184

Name: Shields Oil Producers, Inc.

Address Shields Bldg.

City/State/Zip Russell, KS 67665

Purchaser: Farmland

Operator Contact Person: M. L. Ratts

Phone (913) 483-3141

Contractor: Name: Shields Drlg., Co., Inc.

License: 5655

Wellsite Geologist: Francis Whisler

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OAWO: old well info as follows:

Operator: DEC 5 1989

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

10-10-89 10-16-89 10-20-89

Spud Date Date Reached TD Completion Date

API NO. 15- 141-20,247-00-00

County Osborne

SE NE SE Sec. 10 Twp. 10 Rge. 12 East West

1650 Ft. North from Southeast Corner of Section

330 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

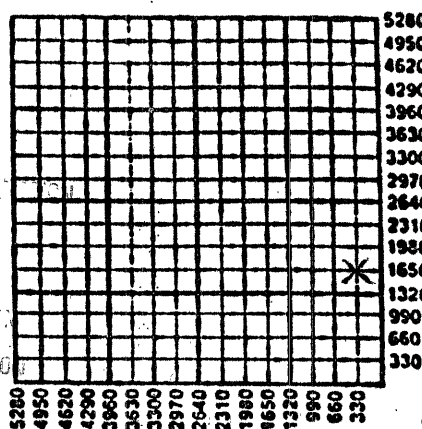
Lease Name Hirst Well # 1

Field Name Unknown Sigle Est

Producing Formation Kansas City

Elevation: Ground 1714 KB 1719

Total Depth 3275 PBTD 3007



Amount of Surface Pipe Set and Cemented at 208 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 3007

feet depth to Surface w/ 350 sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 M. L. Ratts M. L. Ratts

Title Production Supt Date 11-20-89

Subscribed and sworn to before me this 20th day of November, 19 89.

Notary Public Ruth Phillips Ruth Phillips

Date Commission Expires _____

NOTARY PUBLIC
RUTH PHILLIPS
State of Kansas
My Appt. Exp. 5-26-91

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached

Wireline Log Received

Drillers Time Log Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other

(Specify)

SIDE TWO

Operator Name Shields Oil Producers, Inc. Lease Name Hirst Well # 1
 Sec. 10 Twp. 10 Rge. 12 East West
 County Osborne

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.)
 D.S.T. #1 2947-2977 Times: 30-45-60-45 Rec.
 180' Gas and 250' HOCCM I.F.P. - 41-58;
 I.S.I.P. - 825; F.F.P. - 83-117; F.S.I.P. - 798
 D.S.T. #2 2986-2998 Times: 30-45-60-45 Rec.
 70' OCM and 60' SOCW I.F.P. -33-41; I.S.I.P.
 1140; F.F.P. - 58-75; F.S.I.P. - 1132

Formation Description

Log Sample

Name	Top	Bottom
Anhydrite (Spl)	747	778
Topeka Lm	2647	2882
Heebner Sh	2882	2888
Toronto Lm	2908	2918
L-KC Lm	2938	3265

CASING RECORD
 8 5/8" New Used 4 1/2"
 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	208	Quickset	140	
Production	7 7/8	4 1/2	10 1/2	3051	65-35 Poz Common	250 100	

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	2968-2972	500 gal-15% & 1500 gal-28%	2972

TUBING RECORD
 Size 2" Set At 3002 Packer At None
 Liner Run Yes No

Date of First Production 11-17-89 Producing Method Flowing Pumping Gas Lift Other (Explain)
 Estimated Production Per 24 Hours
 Oil Bbls. 30 Gas Mcf 0 Water Bbls. 0 Gas-Oil Ratio Gravity 32°

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____ Production Interval 2968-2972

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

15-141-20247-00-00

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

ALLIED CEMENTING CO., INC.

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

No. 7608

Date	10-10-89	Sec.	10	Twp.	10	Range	12	Called Out	7:30 PM	On Location	9:30 PM	Job Start	12:00 AM	Finish	12:30
Lease	HIRST	Well No.	#1	Location				LURAY SW 3E 10N 10W		County	OSBORNE	State	KANSAS		
Contractor	Shields Oil & Rig 2														
Type Job	Surface														
Hole Size	12 1/4"		T.D.	212'											
Csg.	8 1/4"		Depth	208'											
Tbg. Size															
Drill Pipe															
Tool															
Cement Left in Csg.	15'		Shoe Joint												
Press Max.															
Meas Line	YES		Displace												
Perf.															

Owner SAME
 To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.

Charge To Shields Oil Producers
 Street
 City State

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

Purchase Order No.
 X *Burtan Beery*
CEMENT

Amount Ordered 140 SKS 60/40 POZ 3% CC 28.64

Consisting of
 Common
 Poz. Mix
 Gel.
 Chloride
 Quickset

Handling
 Mileage
 Sales Tax
 Sub Total
 Total

PROCESSED SURFACE

NOV 28 1989

Floating Equipment
 Wichita, Kansas

[Handwritten Signature]

EQUIPMENT

#153 No.	Cementer	M Kaufman
Pumptrk	Helper	Gerald K
No.	Cementer	
Pumptrk	Helper	
#160	Driver	Joel C.
Bulktrk	Driver	

DEPTH of Job

Reference:	#	PUMP TRK	
		1-8 1/4" Solid Rubber Plug	
			Sub Total Tax
			Total

Remarks:
 Cement Circulated

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

15-141-20247-00-00
 Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. No. 7613

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

Date	10-17-89	Sec.	10	Twp.	10	Range	12	Called Out	5:30 PM	On Location	8:30 PM	Job Start	12:15 AM	Finish	1:30 AM			
Case	HRET	Well No.	# 1			Location	Lucas SW 3 E 4 N 2 W			County	Osborne		State	Kansas				
Contractor	Shields Oil			Rig 2			Owner									SAME		
Type Job	Production																	
Cole Size	7 1/2"			T.D.			3275'											
Log	4 1/2"			Depth			3051'											
Log Size				Depth														
Drill Pipe				Depth														
Tool				Depth														
Cement Left in Csg.	28'			Shoe Joint			28'											
Press Max.				Minimum														
Leas Line	Yes			Displace														
Ref.																		

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 Shields oil producers

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

Purchase Order No. X Burton Beery
CEMENT

Amount Ordered 275 SKS 6 3/8 Poz 10% Gel / 10%
 Consisting of 100 SKS COM

Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	

PRODUCTION

Handling	
Mileage	
Sales Tax	
Sub Total	
Total	

Floating Equipment

- 5 - Centralizers
- 2 - Baskets
- 1 - AFU Insert
- 1 - Guide Shoe

Thanks

EQUIPMENT

#177	No.	Cementer	M Kaufman
	Imptrk	Helper	
	No.	Cementer	
	Imptrk	Helper	
#146		Driver	Ed K
	ultrk		
#155		Driver	Joel C.
	ultrk		

DEPTH of Job	
Reference:	STA
<u>PUMP TRK</u>	
<u>1-4 1/2" Plug</u>	
Sub Total	
Tax	
Total	

Remarks: Float Held
Mixed 15 SKS IN RAT Hole
10 SKS IN Mouse Hole
CEMENT Circulated