

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

API NO. 15- 141-20,289-00700

ORIGINAL

County Osborne

100' W-NE-SE-NE Sec. 9 Twp. 10 Rge. 12 X E

Operator: License # 5184

3630 Feet from (S)N (circle one) Line of Section

Name: Shields Oil Producers, Inc.

430 Feet from (E)W (circle one) Line of Section

Address Shields Bldg.

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

City/State/Zip Russell, KS 67665

Lease Name Sigle Well # 4

Purchaser: None

Field Name Sigle

Operator Contact Person: M. L. Ratts

Producing Formation None

Phone (913) 483-3141

Elevation: Ground 1784 KB 1789

Contractor: Name: Company Tools

Total Depth 3080 PBDT None

License: 5184

Amount of Surface Pipe Set and Cemented at 221 Feet

Wellsite Geologist: Francis Whisler

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion

- New Well Re-Entry Workover
- Oil SWD SOW Temp. Abd.
- Gas ENNR SIGW
- Dry Other (Core, NSW, Expl., Cathodic, etc)

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cnt.

Drilling Fluid Management Plan D & A 12-20-95 JK
(Data must be collected from the Reserve Pit)

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

Chloride content 66,000 ppm Fluid volume 325 bbls

Operator: _____

Dewatering method used Evaporation

Well Name: _____

Location of fluid disposal if hauled offsite: _____

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. _____

Operator Name _____

Lease Name _____ License No. _____

11-28-94 12-4-94 None
Spud Date Date Reached TD Completion Date

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 M L Ratts

Title Sup.intendent Date 12-2-94

Subscribed and sworn to before me this 7th day of December 19 94.

Notary Public Ruth Phillips

Date Commission Expires _____

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Geologist Report Received

Distribution

SWD/Rep NGPA

Plug Other (Specify)

RECEIVED
STATE CORPORATION COMMISSION
12-16-94
DEC 16 1994
CONSERVATION DIVISION
WICHITA, KANSAS



Operator Name Shields Oil Producers, Inc. Lease Name Sigle Well # 4

Sec. 9 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.)

Log	Formation (Top), Depth and Datum	Sample
Name	Top	Datum
Anhydrite	837	+952
Topeka Lm	2725	-936
Heebner Sh	2960	-1171
L-KC Lm	3020	-1231

List All E.Logs Run: D.S.T. #1 3063-3080
 Times: 30-45-30-45 Rec. 20' Mdy Wtr.
 I.H.P. - 1740; I.S.I.P. - 618; I.F.P. -
 25-33; F.F.P. - 41-41; F.S.I.P. - 568;
 F.H.P. - 1728

CASING RECORD <input 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	221	Quickset	145	

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		Amount and Kind of Material Used	Depth

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. D 5 A Producing Method Flowing Pumping Gas Lift Other (Explain)

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

Disposition of Gas: Vented Sold Use on Lease (if vented, submit A) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____ Production Interval _____

15-141-20289-00-00

Phone 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.

Home Office P. O. Box 31

Russell, Kansas 67665

7026

ORIGINAL

Now

Date	Sec.	Fwp.	Range	Called Out	On Location	Job Start	Finish
11-29-94	9	10	12	10:00 Pm	11:00 Pm		12:45 Am
Lease	Well No.	Location		County	State		
Single	4	5N 1 3/4 E LURAY		OSBORNE	KANSAS		

Contractor	Shields Oil Prod.	
Type Job	Surface	
Hole Size	12 1/4	T.D. 224
Csg.	8 5/8	Depth 221
Tbg. Size		Depth
Drill Pipe		Depth
Tool		Depth
Cement Left in Csg.		Shoe Joint
Press Max.		Minimum
Meas Line		Displace 13 1/2
Perf.		

Owner	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 Prod., Inc.		
Street	Shields Bldg.		
City	Russell	State	Kan 67665
The above was done to satisfaction and supervision of owner agent or contractor.			
Purchase Order No.	X <i>Burton Beary</i>		
CEMENT			

EQUIPMENT

Fmtrk	No.	Cementor	Bill R.
	153	Helper	
Pmptrk	No.	Cementor	
		Helper	
Bulktrk		Driver	
	160	Driver	

Amount Ordered	145 60-40 3% cc 2% Gel		
Consisting of			
Common	87	5.75	500.25
Poz. Mix	58	3.00	174.00
Gel.	3	9.00	27.00
Chloride	4	25.00	100.00
Quickset			

DEPTH of Job			
Reference:			
	Pump Truck		430.00
	2 3/4" p/m	30m	67.50
	Plug		42.00
		Sub Total	539.50
		Tax	
		Total	

	Sales Tax	
Handling	1.00	145.00
Mileage 30m	.04	174.00
	Sub Total	1120.25
	Total	

Remarks: Cement did Circulate

Floating Equipment

RECEIVED
 STATE CORPORATION COMMISSION
 DEC 1 1994
 CONSERVATION DIVISION
 WICHITA, KANSAS

Phone 913-483-2627, Russell, Kansas

15-141-20289-06-00 Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC

Home Office P. O. Box 31

Russell, Kansas 67665

3876 ORIGINAL

NEW

Date: 12-4-94	Sec. 9	Twp. 10	Range 12	Called Out 3:15pm	On Location 4:30pm	Job Start	Finish 8:30pm
Well No. 4	Location SW 1/4 E LUGAY			County OSBORNE	State KA		
Contractor Shields DRG				Owner			
Type Job Plug				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.			
Hole Size 7 3/8		T.D.		Charge To Shields Oil Producers, Inc.			
Csg.		Depth		Street Shields Bldg.			
Tbx. Size		Depth		City Russell State Kan 67665			
Drill Pipe 4H		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Tco.		Depth		Purchase Order No.			
Cement Left in Csg.		Shoe Joint		X Dana [Signature]			
Press Max.		Minimum		CEMENT			
Moss Line		Displace		Amount Ordered 200 60/40 6% bel & Flo Seal			

EQUIPMENT

Pumptrk 177	No. Cementer	Bill
	Helper	Will
Pumptrk	No. Cementer	
	Helper	
Bulktrk 160	Driver	DASON
Bulktrk	Driver	

DEPTH of Job

Reference:	PUMP TRUCK	445.00
	2 3/8 p/m 30m	70.50
	1 8 5/8 DRY Hole Plug	23.00
	Sub Total	538.50
	Tax	
	Total	

Remarks:

1st plug c 8 5/8 w/ 25 sbv
 2nd plug c 6 4/0 w/ 100 sbv
 3rd plug c 2 7/8 w/ 40 sbv
 4th plug c 4 0 w/ 10 sbv
 1 sbv rat hole 100 sbv mouse hole

Consisting of			
Common	120	6.10	732.00
Poz. Mix	80	3.15	252.00
Gel.	10	9.50	95.00
Chloride			
Quickset			
F10 Seal 50 ^{stk}		1.15	57.50
		Sales Tax	
Handling		1.05	210.00
Mileage 30m		.04	240.00
		Sub Total	1586.50
		Total	

Floating Equipment

STATE CORPORATION COMMISSION RECEIVED
 DEC 16 1994
 CONSERVATION DIVISION
 WASHINGTON, KANSAS



Shields

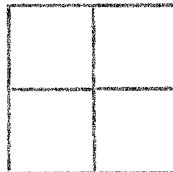
WELL LOG

15-141-20289-00-00

Russell, Kansas

Operator: Shields Oil Producers, Inc.
 Well: Sigle #4
 Commenced: November 29, 1994
 Completed: December 4, 1994
 Contractor: Shields Drilling Co.

Well Description: NE SE NE
 Sec. 9-10S-12W
 Osborne Co., KS.



Elevation: 1,789' KB

Treatment:

Production: D & A

Tops:

CASING RECORD

Size	Run	Pulled
8 5/8"	221'	Cmtd. w/145 sax

..... Figures Indicate Bottom of Formations

Clay & shale	224'	
Shale	236'	
Shale & sand	837'	
Anhydrite	872'	
Shale & sand	1,305'	
Shale	2,087'	
Shale & lime	2,995'	
Lime	3,080'	RTD

Notes

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 STATE CORPORATION COMMISSION
 DEC 16 1994
 CONSERVATION DIVISION
 WICHITA, KANSAS