

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

ORIGINAL

API NO. 15- 101-21654-00-00

County Lane

E/2 - NW - SE - Sec. 9 Twp. 16 Rge. 27 X W

1980 Feet from S (circle one) Line of Section

1650 Feet from E (circle one) Line of Section

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

Lease Name Lang "B" Well # 1

Field Name Wildcat

Producing Formation None

Elevation: Ground 2363 KB 2368

Total Depth 4262 PBTD None

Amount of Surface Pipe Set and Cemented at 222 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan PDF 8-23-93
(Data must be collected from the Reserve Pit)

Chloride content 76,000 ppm Fluid volume 300 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. Twp. S Rng. E/W

County _____ Docket No. _____

Operator: License # 5184

Name: Shields Oil Producers, Inc.

Address Shields Bldg.

City/State/Zip Russell, KS 67665

Purchaser: None

Operator Contact Person: M. L. Ratts

Phone (913) 483-3141

Contractor: Name: Shields Drlg. Co.

License: 5184

Wellsite Geologist: Todd Morgenstern

Designate Type of Completion

X New Well _____ Re-Entry _____ Workover _____

Oil _____ SWD _____ SIOW _____ Temp. Abd. _____

Gas _____ ENHR _____ SIGW _____

X 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 _____ PBTD _____

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Inj?) Docket No. _____

7-12-93 7-19-93 7-19-93

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 M. L. Ratts

Title Prod. Supt. Date 8-3-93

Subscribed and sworn to before me this 3rd day of August, 19 93.

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

RECEIVED

DISTRIBUTION

KCC _____ SUD/Rep _____ NEPA

_____ KGS _____ Plug _____

AUG 13 1993

08-13-1993

Operator Name Shields Oil Producers, Inc.

Lease Name Lang "B"

Well # 1

ORIGINAL

East

County Lane

Sec. 9 Twp. 16 Rge. 27

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 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	2084-2119	+584
Heebner Sh	3915	-1247
Lansing	3953	-1285
Base KC	4257	-1589

List All E.Logs Run:

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	222	Quickset	150	

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 <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 Por 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 _____

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

NEW

ORIGINAL

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

ALLIED CEMENTING CO., INC.

5597

Home Office P. O. Box 31

Russell, Kansas 67665

Date	7-12-93	Sec.	9	Twp.	16	Range	27	Called Out	3:30 PM	On Location	5:30 PM	Job Start	7:40 PM	Finish	8:15 PM
Lease	Lang "B"	Well No.	1	Location	1/2 E 2 1/2 N 1 E Penderis			County	Labre	State	KS				
Contractor	Shields Drtg											Owner	Shields Oil Producers Inc		
Type Job	Surface											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	12 1/4		T.D.	224'											
Csg.	8 3/4 20'		Depth	222'											
Tbg. Size													Depth		
Drill Pipe													Depth		
Tool													Depth		
Cement Left in Csg.	15'		Shoe Joint												
Press Max.													Minimum		
Meas Line	Yes		Displace	13.46 Bbls											
Perf.															

Charge To shields oil Producers 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 Burton Beery

CEMENT

EQUIPMENT

Days	No.	Cementer	Dean Rundle
Pumptrk	277	Helper	
Pumptrk	280	Cementer	Carl Battin
		Helper	Wayne
Bulktrk	283	Driver	
Bulktrk		Driver	

Amount Ordered	150 SKS 60/40 3% CC 2% Gel		
Consisting of			
Common	90 SKS	575	517.50
Poz. Mix	60 SKS	3.00	180.00
Gel.	3 SKS	7.00	NIL
Chloride	5 SKS	25.00	125.00
Quickset			
Handling	1.00		150.00
Mileage	40 m	.04	240.00
Sub Total			1212.50
Total			

DEPTH of Job	222'
Reference:	
	pump Trk chrg 430.00
	2 1/2 per mile 40 miles 90.00
	Rubber Plug 82.00
	Sub Total 603.00
	Tax
	Total

Remarks: Ran 5 Joints 8 3/4 csg
 cement did circulate
 cemented w/ 150 SKS 60/40
 3% CC 2% Gel

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Thank You AUG 13 1993

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

ORIGINAL

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

ALLIED CEMENTING CO., INC.

1183

Home Office P. O. Box 31

Russell, Kansas 67665

Date	7/19/93	Sec	9	Twp.	16S	Range	27W	Called Out	06:00	On Location	08:00	Job Start	10:15	Finish	12:30
Lease	Long	Well No.	1	Location	Pendennis 1/2 E 2 1/4 N 1/2 E S into			County	Lone	State	Ks				
Contractor	C. T. ...											Owner	Same		
Type Job	Rotary 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 1/2		I.D. 4262												
Csg.	8 1/2		Depth 222												
Tbg. Size			Depth												
Drill Pipe	4 1/2		Depth 2110												
Tool			Depth												
Cement Left in Csg.			Shoe Joint												
Press Max.			Minimum												
Meas Line			Displace												
Perf.															

EQUIPMENT

Pumptrk	1582	No.	Cementor	Gary
			Helper	Keith
Pumptrk		No.	Cementor	
			Helper	
Bulkrk	69		Driver	Bill
			Driver	

DEPTH of Job		
Reference:	Pump Truck	
	Mileage	
	RENT OHP	
	Sub Total	
	Tax	
	Total	

Remarks: 50' @ 2110
 80' " 1280
 40' " 600
 40' " 250
 10' " 40
 15' x RH 10' x MH
 Thank you
 (Signature)

Charge To	Shield's Oil Producers		
Street			
City			State
The above was done to satisfaction and supervision of owner, agent or contractor.			
Purchase Order No.	X Burton Becky		
CEMENT			
Amount Ordered	245 69/100 6% Gel 1/4" F/Sec		
Consisting of			
Common			
Poz. Mix			
Gel.			
Chloride			
Quickset			
Sales Tax			
Handling			
Mileage			
		Sub Total	
		Total	
Floating Equipment			

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GEOLOGICAL REPORT

SHIELDS OIL PRODUCERS

NO. 1 LANG "B"
C-E/2-NW-SE
SECTION 9-16S-27W
LANE COUNTY, KANSAS

ORIGINAL

OPERATOR: Shields Oil Producers

WELL: No. 1 Lang "B"
API #15-101-21,654

LOCATION: C-E/2-NW-SE
1650' from the east line.
1980' from the south line.
Section 9-16S-27W
Lane County, Kansas

FIELD: Wildcat

DRILLING CONTRACTOR: Shields Drilling Company

DRILLING COMMENCED: 07-12-93

DRILLING COMPLETED: 07-19-93

DRILLING TIME: One (1) foot drilling time was recorded
from 3550' to 4262' RTD.

SAMPLES: Samples were saved and examined from 3600'
to 4262' RTD.

ELEVATIONS: 2663' G.L. 2665' D.F. 2668' K.B.

MEASUREMENTS: All depths are measured from 2668' K.B.

CASING RECORD: 8 5/8" set @ 222' with 150 sacks.

FORMATION TESTING: No tests were run.

MUD: Schmidtberger Mud Co. (Chemical)

OPEN HOLE LOGS: No logs were run.

PRODUCTION: Dry and abandoned.

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FORMATION TOPS:

<u>FORMATION</u>	<u>SAMPLE</u>	<u>DATUM</u>
ANHYDRITE	2084'	+ 584
BASE ANHYDRITE	2119'	+ 549
HEEBNER	3915'	-1247
LANSING	3953'	-1285
STARK SHALE	4199'	-1531
BASE KANSAS CITY	4257'	-1589
ROTARY TOTAL DEPTH	4262'	-1594

SAMPLE DESCRIPTIONS:

TOPEKA:

3879-3898 Limestone, light gray to gray, dense, fossiliferous, with fair interfossiliferous porosity, with minor gray chert, some chalk, no shows of oil were noted.

LANSING:

3956-3960 Limestone, gray and white, finely crystalline, oolitic, slightly chalky, fossiliferous, with scattered porosity, no shows of oil were noted.

3971-3977 Limestone, cream and white, fossiliferous, oolitic in part, with minor chert, fair to good pinhole porosity, no shows of oil were noted.

3990-3997 Limestone, cream and gray, finely crystalline, dense, oolitic and fossiliferous, with fair visible porosity, slightly cherty, no shows of oil were noted.

4006-4010 Limestone, tan, cream and gray, dense, fossiliferous, with poor visible porosity, no shows of oil were noted.

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LANSING: (Cont.)

- 4041-4047 Limestone, cream and white, dense to finely crystalline, fossiliferous, oolitic in part, with minor chalk and white chert, fair visible porosity, with a few pieces having some rare staining, no show of free oil, no odor.
- 4068-4075 Limestone, tan and cream, finely crystalline, oolitic and oolitic, with fair to good visible oolitic porosity, no shows of free oil were noted.
- 4157-4162 Limestone, white and cream, finely crystalline, fossiliferous, slightly oolitic, with poor to fair visible interoolitic porosity, slightly chalky, with minor traces of free oil when broken, rare spotted staining, no odor.
- 4182-4187 Limestone, white and cream, finely crystalline, oolitic and slightly fossiliferous, chalky in part, with poor visible porosity, no shows of oil were noted.
- 4213-4219 Limestone, gray to light gray, finely crystalline, fossiliferous in part, oolitic, chalky, with poor visible porosity, no shows of oil were noted.
- 4244-4248 Limestone, gray and white, fossiliferous, with poor visible porosity, slightly chalky, no shows of oil were noted.

SUMMARY:

Due to the low structural position and thickening through the Lansing-Kansas City section, it was decided to plug and abandon the No. 1 Lang "B" at the base of the Kansas City.

Respectfully submitted,



Todd E. Morgensvern
Geologist

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DRILLING TIMES:

3551-3560	5-4-4-3-4-3-2-2-3-3	4001-4010	5-3-5-6-5-4-2-3-2-4
3561-3570	1-2-1-3-5-6-5-4-4-4	4011-4020	4-6-6-5-6-5-6-4-5-4
3571-3580	5-4-3-5-4-5-3-5-5-7	4021-4030	3-2-4-3-4-3-4-4-4-4
3581-3590	5-5-4-5-3-3-4-4-5-4	4031-4040	4-5-4-5-5-5-4-5-5-5
3591-3600	5-4-3-5-4-5-4-5-5-4	4041-4050	4-2-2-2-2-2-3-4-4-5
		4051-4060	5-5-4-4-4-5-5-6-5-4
3601-3610	4-6-5-5-4-5-6-5-4-4	4061-4070	4-4-5-6-5-5-5-3-1-1
3611-3620	3-3-4-3-2-2-2-2-2-2	4071-4080	1-1-1-1-3-5-5-5-5-4
3621-3630	2-2-3-4-4-3-4-4-3-4	4081-4090	5-4-5-4-4-3-4-5-4-5
3631-3640	3-4-3-4-4-3-3-4-4-5	4091-4100	5-5-4-5-4-4-4-4-5-5
3641-3650	5-4-4-3-4-1-2-4-4-3		
3651-3660	4-5-4-3-3-2-2-2-3-5	4101-4110	4-5-5-5-5-5-5-5-5-3
3661-3670	4-4-5-4-4-3-2-2-4-3	4111-4120	4-3-3-4-7-6-7-6-7-5
3671-3680	2-3-3-2-4-3-3-3-4-3	4121-4130	6-5-6-6-6-6-6-5-5-5
3681-3690	4-4-4-5-4-4-4-4-4-5	4131-4140	6-5-5-5-5-6-4-5-5-6
3691-3700	4-3-3-3-4-2-1-1-3-4	4141-4150	6-4-5-5-5-5-6-4-5-7
		4151-4160	6-5-6-6-7-6-4-2-3-2
3701-3710	5-3-3-1-1-1-1-1-1-1	4161-4170	2-5-6-6-5-3-3-2-4-7
3711-3720	1-1-1-1-1-1-2-2-2-2	4171-4180	7-7-6-6-7-7-8-7-6-8
3721-3730	2-1-2-5-4-4-4-5-5-3	4181-4190	7-4-3-3-6-3-4-6-5-6
3731-3740	5-4-4-4-4-4-4-3-3-2	4191-4200	5-5-4-5-6-6-6-5-6-5
3741-3750	2-1-2-3-2-4-4-3-3-3		
3751-3760	4-3-4-3-4-3-2-1-1-3	4201-4210	3-5-6-6-6-6-8-7-6-6
3761-3770	4-5-4-3-4-4-3-2-2-3	4211-4220	6-6-4-1-2-1-1-2-5-4
3771-3780	4-3-4-5-4-5-4-4-4-4	4221-4230	3-6-6-6-5-7-6-6-7-5
3781-3790	3-2-2-4-5-3-3-3-5-4	4231-4240	7-8-7-6-6-6-9-8-8-8
3791-3800	4-3-5-4-3-3-5-5-5-4	4241-4250	8-7-4-4-3-1-2-4-7-4
		4251-4260	5-6-5-6-6-8-9-7-9-11
		4261-4262	7-5-RTD
3801-3810	3-4-3-4-3-4-4-4-6-4		
3811-3820	4-2-2-3-5-3-2-1-1-1		
3821-3830	1-2-1-1-1-1-3-4-4-3		
3831-3840	4-3-6-6-6-6-6-6-6-7		
3841-3850	5-7-6-5-6-6-5-5-3-1		
3851-3860	2-2-1-1-3-5-4-2-1-1		
3861-3870	1-1-1-2-3-3-3-4-5-3		
3871-3880	2-1-2-1-3-5-5-4-2-1		
3881-3890	1-1-1-2-1-1-4-2-1-2		
3891-3900	1-1-1-1-1-1-1-1-2-2		
3901-3910	3-3-3-4-5-4-4-3-3-1		
3911-3920	1-3-2-3-4-4-3-3-3-2		
3921-3930	2-2-3-5-5-5-6-6-6-6		
3931-3940	6-7-5-6-5-4-5-3-4-4		
3941-3950	4-5-5-4-2-2-2-2-4-4		
3951-3960	5-5-5-5-4-2-2-3-2-2		
3961-3970	4-4-5-4-4-4-5-4-4-4		
3971-3980	2-2-3-2-2-3-2-3-4-5		
3981-3990	5-4-5-5-5-6-6-5-5-3		
3991-4000	2-2-2-2-2-2-5-4-3-4		