

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

RECEIVED
AUG - 9 2001
8-9-01
KCC WICHITA

API NO. 15- 141-20,351-00-00
County Osborne **ORIGINAL**
120'
East - NW - SW - NW Sec. 9 Twp. 10 Rge. 12 E W

Operator: License # 5184
Name: Shields Oil Producers, Inc.
Address Shields Bldg.
City/State/Zip Russell, KS 67665
Purchaser: None
Operator Contact Person: Burton Beery
Phone (785) 483-3141
Contractor: Name: Company Tools
License: 5184
Wellsite Geologist: Francis Whisler
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD S10W Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

3630 Feet from S/N (circle one) Line of Section
4830 Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE NW or SW (circle one)
Lease Name Hirst "B" Well # 1
Field Name Sigle
Producing Formation None
Elevation: Ground 1906 KB 1911
Total Depth 3275 PBTD None
Amount of Surface Pipe Set and Cemented at 220 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 cnt.

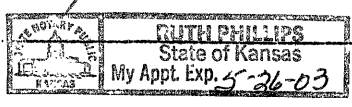
If Workover/Re-Entry: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/S&D
 Plug Back PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
5-11-2001 5-18-2001 None
Spud Date Date Reached TD Completion Date

Drilling Fluid Management Plan DFA 8/13/01 JB
(Data must be collected from the Reserve Pit)
Chloride content 26,000 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. _____

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 Burton Beery
Title Drlg. Supt. Date 8-8-01
Subscribed and sworn to before me this 8th day of August 2001.
Notary Public Ruth Phillips
Date Commission Expires _____



K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other
		(Specify)

X

Operator Name Shields Oil Producers, Inc. Lease Name Hirst "B" Well # 1

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.)
 List All Logs Run:
 Radiation - Guard - Caliper

Log Name	Formation (Top), Depth and Datum		Sample Datum
	Top	Datum	
Anhydrite	1010	+ 901	
Howard Lime	2818	- 907	
Topeka Lime	2956	- 945	
Heebner Shale	3086	-1175	
Toronto Lime	3109	-1198	
Lansing-Kan City	3146	-1235	
TD	3274	-1363	

CASING RECORD <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	220	60-40 Poz Mix	150	2% Gel 3% C.C.

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Plug St 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 Yes No

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

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

Disposition of Gas: Vented Sold U. n Lease (If vented, submit A.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval

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Shields

OIL PRODUCERS, INC.

R. L. SHIELDS, President

Russell, Kansas



FORM ACO-1 DRILL STEM TESTS

SHIELDS OIL PRODUCERS, INC. LEASE Hirst B-1
 D.S.T. #1 3120-3160 Times: 20 - Plugged Tool
 I.H.P. 1542 I.F.P. None I.S.I.P. None
 F.F.P. None F.S.I.P. None F.H.P. 1495
 Recovery: None

D.S.T. #2 3120-3160 Times: 30-30-15-Plugged Tool
 I.H.P. None I.F.P. None I.S.I.P. None
 F.F.P. None F.S.I.P. None F.H.P. None
 Recovery: None

D.S.T. #3 3151-3182 Times: 30-60-30-60
 I.H.P. 1495 I.F.P. 23-23 I.S.I.P. 698
 F.F.P. 35-35 F.S.I.P. 651 F.H.P. 1483
 Recovery: 30' Gas - 30' Mud with few oil spots on top.

D.S.T. #4 3186-3200 Times: 30-60-60-60
 I.H.P. 1507 I.F.P. 35-94 I.S.I.P. 768
 F.F.P. 142-189 F.S.I.P. 768 F.H.P. 1472
 Recovery: 434' water with show of oil on top.

D.S.T. #5 _____ Times: _____
 I.H.P. _____ I.F.P. _____ I.S.I.P. _____
 F.F.P. _____ F.S.I.P. _____ F.H.P. _____
 Recovery: _____

D.S.T. #6 _____ Times: _____
 I.H.P. _____ I.F.P. _____ I.S.I.P. _____
 F.F.P. _____ F.S.I.P. _____ F.H.P. _____
 Recovery: _____

ALLIED CEMENTING CO., INC.

15-141-20351-00-00

6397

ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT R

DATE <u>5/12/01</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>12:00 A.M.</u>	JOB START	JOB FINISH <u>2:20 P.M.</u>
LEASE <u>Hirst B</u> WELL # <u>1</u>	LOCATION <u>Luray 6 N 1 E 2 S</u>			COUNTY <u>Osborne</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one)							

CONTRACTOR Shields Dring

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 223

CASING SIZE 8 5/8 DEPTH 223

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 14 Bbl

OWNER Same

CEMENT AMOUNT ORDERED 150 60/40 3-2

EQUIPMENT

PUMP TRUCK CEMENTER Paul

153 HELPER Bill

BULK TRUCK

282 DRIVER Shane

BULK TRUCK

_____ DRIVER _____

COMMON	<u>90</u>	@	<u>6.65</u>	<u>598.50</u>
POZMIX	<u>60</u>	@	<u>3.55</u>	<u>213.00</u>
GEL	<u>3</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE	<u>5</u>	@	<u>30.00</u>	<u>150.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>158</u>	@	<u>1.10</u>	<u>173.80</u>
MILEAGE	<u>.04/54/mi.</u>			<u>202.24</u>

TOTAL 1367.54

REMARKS:

SERVICE

Cement Circulated -

DEPTH OF JOB	_____
PUMP TRUCK CHARGE	<u>1050.00</u>
EXTRA FOOTAGE	@ _____
MILEAGE <u>32</u>	@ <u>3.00</u> <u>96.00</u>
PLUG <u>8 5/8</u>	@ <u>45.00</u> <u>45.00</u>
	@ _____
	@ _____

TOTAL ~~761.00~~
791.00

CHARGE TO: Shields

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

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TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Burton Beery

Burton Beery
PRINTED NAME

ALLIED CEMENTING CO., INC.

6188

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT
ORIGINAL

DATE <u>5-17-01</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>6:00pm</u>	JOB START <u>7:45pm</u>	JOB FINISH <u>9:00pm</u>
LEASE <u>Hurst</u>	WELL # <u>B-1</u>	LOCATION <u>Quay NW 1E</u>			COUNTY <u>Oshawa</u>	STATE <u>ks</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Shields Oil

TYPE OF JOB Pro

HOLE SIZE 7 7/8 T.D. 3275

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT

AMOUNT ORDERED 200 60/40 6% gel
1/4 lb flo seal

COMMON	<u>120</u>	@	<u>6.50</u>	<u>798.00</u>
POZMIX	<u>80</u>	@	<u>3.50</u>	<u>284.00</u>
GEL	<u>10</u>	@	<u>10.00</u>	<u>100.00</u>
CHLORIDE		@		
<u>FLOSEAL</u>	<u>50#</u>	@	<u>1.40</u>	<u>70.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>252</u>	@	<u>1.10</u>	<u>233.20</u>
MILEAGE	<u>42/SK</u>	MILE		<u>254.40</u>
TOTAL				<u>1739.60</u>

EQUIPMENT

PUMP TRUCK CEMENTER Mark

345 HELPER Dave

BULK TRUCK

213 DRIVER Darin

BULK TRUCK

_____ DRIVER _____

REMARKS:

SERVICE

- 25 sl c 1120
- 100 sl c 890
- 40 sl c 270
- 10 sl e 40
- 15 sl c Rathole
- 10 sl c Mousehole

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>520.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>30</u>	@	<u>3.00</u>
PLUG <u>8 7/8 wood</u>		@	<u>23.00</u>
		@	
		@	
TOTAL <u>633.00</u>			

CHARGE TO: Shields Oil Producers

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

RECEIVED _____ @ _____

AUG - 9 2001 _____ @ _____

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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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Dana Gramly

Dana Gramly
PRINTED NAME

FRANCIS C. WHISLER
CERTIFIED PETROLEUM GEOLOGIST
837 EAST 1ST
RUSSELL, KANSAS 67665



ORIGINAL

SHIELDS OIL PRODUCERS, INC.
Russell, Kansas

GEOLOGICAL REPORT

Hirst B-1
120' E of NW SW NW
Sec. 9, T 10 S, R 12 W
Osborne County, Kansas

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May 19, 2001

SHIELDS OIL PRODUCERS, INC.

P. O. Box 709
Russell, Kansas

ORIGINA'

Geological Report: Hirst B-1
120' E of NW SW NW
Sec. 9, T 10 S, R 12 W
Osborne County, Kansas

Contractor: Shields Drilling Co., Inc.

Drilling Commenced: May 11, 2001

Drilling Completed: May 18, 2001

Casing Record: Surface casing; 8 5/8" set at 220'
with 150 sacks 60-40 Poz Mix

Samples: Saved and examined from 2800' to 3275',
RTD. Zones of interest are described in
this report. The samples will be sent to
Kansas Geological Survey, 4150 Monroe,
Wichita, Kansas. 67209

Drilling Time: Recorded and plotted from 2800' to 3275',
RTD. A copy of the plotted drilling time-
Lithology log is included with this report.

Drillstem Tests: 4 by Trilobite Testing, LLC. Test #1 and
#2 resulted in plugged tools. No test.
Test #3 tested the A and B zones and test
#4 tested the C zone.

Electric Logs: Radiation-Guard-Caliper by ELI, Inc.

Elevations: Kelly Bushing: 1911'
Ground Level: 1906'
Measurements From: K. B.

Formations:	Rotary Depths:	E. Log Depths:	E. Log Datums:
Anhydrite	1007'	1010'	+ 901
Howard Lime	2818	2818	- 907
Topeka Lime	2955	2956	- 945
Heebner Shale	3087	3086	- 1175
Toronto Lime	3111	3109	- 1198
Lansing-Kansas City	3147	3146	- 1235
C zone	3191	3192	- 1281
Total Depth	3275	3274	- 1363

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Lithology: Zones of Interest & Test Data: (E. Log Depths)

Lansing-Kansas City:

3146-3156: LS-white, buff, dense to slight crystalline porosity. Rare light
A zone oil stain, poor saturation, faint odor but no free oil. Tested
by DST #1, #2 and #3. Test #1 and #2 were plugged tools.

3172-3180: Dol+white, dense, fine crystalline with white vitreous chert.
B zone Some white, gray dense lime. Only slight porosity but no stain.
Tested by DST #3.

Drillstem Test #3: 3151-3182: 30-60-30-60 With weak surface
blow first open and no blow second open.

Recovery: 30' mud with few
oil spots on top

IFP: 23-23 psi
IBHP: 698 psi
FFP: 35-35 psi
FBHP: 651 psi

3192-3206: LS-white, fine to medium oolitic with good porosity, rare
C zone light oil stain, poor saturation, show of free oil on break
but no odor. Tested by DST #4.

Drillstem Test #4: 3186-3200: 30-60-60-60 with weak blow
increasing to fair. Off bottom of bucket
in 30 minutes. Weak blow increasing on
second flow time.

Recovery: 434' of water with
show of oil on top

No other zones of oil stain were noted during the drilling of this well.

Remarks & Recommendations:

The Hirst B-1 ran very well, structurally, being 1' higher than the Fouts #1
and flat with the Fouts #2 on top of the Lansing. Very poor shows of oil were
noted and were tested with negative test results.

Because of the negative test results it was decided that the Hirst B-1 should
be plugged and abandoned as a dry hole.

Respectfully submitted;

Francis C. Whisler

Francis C. Whisler

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