FORM MUST BE TYPED

SIDE ONE

3-10S-12W

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

COPY

API NO. 15- 141-203050

County Osborne

NE - SE - NE - Sec. 3 Twp. 10 Rge. 12 X E W

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

330 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 Bowman Trust "A" Well # 2

Field Name Sigle North

Producing Formation Kansas City

Elevation: Ground 1843 KB 1848

Total Depth 3405 PBTD 3140

Amount of Surface Pipe Set and Cemented at 212 Feet

Multiple Stage Cementing Collar Used? X Yes ____ No

If yes, show depth set 937 Feet

If Alternate II completion, cement circulated from 937
feet depth to Surface w/ 160 sx cmt.

Drilling Fluid Management Plan ALT 2 JH 8-5-96
(Data must be collected from the Reserve Pit)

Chloride content 62,000 ppm Fluid volume 375 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 Wichita, Kansas Docket No.

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: Company Tools

License: 5184

Wellsite Geologist: Francis Whisler

Designate Type of Completion
X New Well ____ Re-Entry ____ Workover

X Oil ____ SWD ____ SIOW ____ 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 ____ PBTD
____ Commingled Docket No.
____ Dual Completion Docket No.
____ Other (SWD or Inj?) Docket No.

9-13-95	9-19-95	10-4-95
Spud Date	Date Reached TD	Completion Date

RECEIVED
STATE CORPORATION COMMISSION
OCT 17 1995
CONSERVATION DIVISION
Wichita, Kansas

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
Shields Oil Producers Inc

Title Superintendent Date 10-16-95

Subscribed and sworn to before me this 16th day of October, 19 95.

Notary Public Ruth Phillips

Date Commission Expires

RUTH PHILLIPS
State of Kansas
My Appt. Exp. 5-26-99

K.C.C. OFFICE USE ONLY
F ✓ Letter of Confidentiality Attached
C ✓ Wireline Log Received
C ✓ Geologist Report Received

Distribution
✓ KCC ____ SWD/Rep ____ NGPA
✓ KGS ____ Plug ____ Other (Specify)

Form ACO-1 (7-91)

Operator Name Shields Oil Producers, Inc. Lease Name Bowman Trust "A" Well # 2

Sec. 3 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 (Attach Additional Sheets.) ☒ Yes ☐ No

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

Electric Log Run (Submit Copy.) ☒ Yes ☐ No

List All E.Logs Run: RADIATION GUARD

D.S.T. #1 3040-3079 Times: 30-60-60-60 Rec. 340' Gas, 20' Gsy Oil, 120' M.G.O. I.F.P. - 40-40; I.B.H.P. - 975'; F.F.P. - 58-66; F.B.H.P. - 908.

☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
Anhydrite	890	+ 958
Topeka Lm	2774	- 926
Heebner Sh	3010	-1162
Toronto Lm	3034	-1186
Lansing K-C	3066	-1218
Base KC	3388	-1540

CASING RECORD ☒ New ☐ 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	212	Quickset	140	3% $CaCl_2$ 2% gel
Production	7 7/8	4 1/2	9 1/2	3178	Common	125	
		Port Collar		937'	60/40 Poz	145	8% gel

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
X Protect Casing	Surface			
___ Plug Back TD				
___ Plug Off Zone	937	60-40 Pozmix		8% Jel

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
4	3068-3074	500 gal - 15%	3074
		2000 gal - 28%	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2	3136	None	☐ Yes ☒ No

Date of First, Resumed Production, SWD or Inj. 10-13-95 Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	20	None	10		37

Disposition of Gas: ☐ Vented ☐ Sold ☐ U[illegible]n Lease (If vented, submit A[illegible])

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

Production Interval 3068-3074

9955