

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

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Operator: License # 5184
Name Shields Oil Producers, Inc.
Address Shields Bldg.
City/State/Zip Russell, Kansas 67665

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Purchaser.....None

Operator Contact Person M. L. Ratts
Phone 913-483-3141

Contractor: License # 5655
Name Shields Drlg., Co., Inc
.....

Wellsite Geologist..... Gerald Honas
Phone..... 316-722-7963

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

☐ Oil ☐ SWD ☐ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp.
☒ Dry ☐ Other (Core, Water Supply etc)
 If OWWO: old well info as follows:

Operator
Well Name
Comp. DateOld Total Depth.....

WELL HISTORY

Drilling Method: X Mud Rotary Air Rotary Cable

.....9-9-88..	9-19-88...	10-5-88..
Spud Date	Date Reached TD	Completion Date
.....3830.....	3640.....	
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at: 232 feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from.....feet depth to.....w/.....SX cmt
Cement Company Name
Invoice #

API NO. 15-051-24,567.....

County.....Ellis.....
NE SW NE Sec. 21 Twp. 13 Rge. 20 — East
..... X West

...363.0... Ft North from Southeast Corner of Section
 ...165.0... Ft West from Southeast Corner of Section
 (Note: Locate well in section plat below)

Lease Name.....Dreiling.....Well #.....1.....

Field Name.....Pleasant.....

Producing Formation.....None.....

Elevation: Ground.....2184.....KB.....2189.....

Section Plot

[illegible]

OCT 13 1988

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Department of Kansas
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WATER SUPPLY INFORMATION

Disposition of Produced Water: _____ Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit # 38641

Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of

Sec	Twp	Rge	East	West
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X Surface Water.....2200 Ft North from Southeast Corner
(Stream, pond etc).....150 Ft West from Southeast Corner

Sec 7 Twp 13 Rge 20 East x West

Other (explain).....
(purchased from city, R.W.D. #)

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. 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. K. [unclear]*

Title *Production Sept* Date *10-7-88*

Subscribed and sworn to before me this 7th day of October 1988....

Notary Public Keith Phillips

Date Commission Expires..... 11-01-2011.....



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

K.C.C. OFFICE USE ONLY

F ☐ Letter of Confidentiality Attached
C ☒ Wireline Log Received
C ☒ Drillers Timelog Received

Distribution

☒ KCC	☐ SWD/Rep	☐ NGPA
☒ KGS	☐ Plug	☐ Other
		(Specify)

Form ACO-1 (5-86)

Operator Name Shields Oil Producers, Inc. Lease Name..... Dreiling Well #..... 1

Sec..... 21 Twp..... 13 Rge..... 20 ☐ East
☒ West County..... Ellis

WELL LOG

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
Samples Sent to Geological Survey ☒ Yes ☐ No
Cores Taken ☐ Yes ☒ No

SEE ATTACHMENT

Formation Description
☒ Log ☐ Sample

Name	Top	Bottom
Anhydrite	1509	1556
Topeka Lm	3193	3423
Heebner Sh	3423	3427
Toronto Lm	3443	3450
L-KC Lm	3462	3714
Marmaton	3762	3794
Arbuckle Dol	3817	RTD

CASING RECORD ☒ New ☒ Used 5 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	232	Quickset	150	
Production	8 5/8	5 1/2	14	3818	Common	125	

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record
(Amount and Kind of Material Used) Depth

Open hole	3818-3830	1500-15%	3830
4	3859-3862	500-15% 1500-28%	3862
2	3599-3602 3414-3417	500-15%	3602

TUBING RECORD	Size	Set At	Packer at	Liner Run	☐ Yes ☐ No
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Date of First Production	Producing Method
	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented
☐ Sold
☐ Used on Lease

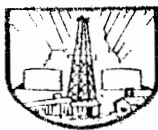
☐ Open Hole ☐ Perforation
☐ Other (Specify)

☐ Dually Completed
☐ Conmingled

Shields

OIL PRODUCERS, INC.

R. L. SHIELDS, President



Russell, Kansas

October 6, 1988

SHIELDS OIL PRODUCERS, INC.

Dreiling #1 Sec. 21-13-20W Ellis Co.

Drill Stem Test Results

D.S.T. #1 3451-3475 Times: 30-30-30-30 Recovered 185' S.O.C. M. Wtr and 180' Mdy Wtr. I.H.P. - 1781#; I.F.P. - 66# to 99#; I.S.I.P. - 585#; F.F.P. - 154# to 176#; F.S.I.P. - 585#; F.H.P. - 1770#.

D.S.T. #2 3522-3540 Times: 30-30-30-30 Recovered 300' Gas; 160' SO&GCMW; 420' VSOCW and 300' Wtr. I.H.P. - 1814#; I.F.P. - 88# to 276#; I.S.I.P. - 706#; F.F.P. - 342# to 431#; F.S.I.P. - 706#; F.H.P. - 1792#.

D.S.T. #3 3553-3567 Times: 30-30-30-30 Recovered 80' Gas; 580' SOCMW and 420' Wtr. I.H.P. - 1836#; I.F.P. - 99# to 364#; I.S.I.P. - 771#; F.F.P. 420# to 497#; F.S.I.P. - 761#; F.H.P. - 1825#.

D.S.T. #4 3615-3640 Times: 20-30-20-30 Recovered 60' Gas; 330' VSO&GCM and 520' Wtr. I.H.P. - 1880#; I.F.P. - 77# to 254#; I.S.I.P. - 706#; F.F.P. 320# to 408#; F.S.I.P. 695#; F.H.P. - 1858#.

D.S.T. #5 3641-3660 Times: 30-30-30-30 Recovered 300' Gas; 150' HO&GCM and 60' SO&GCM. I.H.P. - 1891#; I.F.P. - 55# to 77#; I.S.I.P. - 815#; F.F.P. - 110# to 132#; F.S.I.P. - 782#; F.H.P. - 1880#.

D.S.T. #6 3817-3830 Times: 30-45-60-60 Recovered 300' Gas and 220' Slightly Muddy Oil. I.H.P. - 2012#; I.F.P. - 66# to 88#; I.S.I.P. - 793#; F.F.P. - 99# to 121#; F.S.I.P. - 541#; F.H.P. - 1990#.

Sincerely,

SHIELDS OIL PRODUCERS, INC.

M. L. Ratts

M. L. Ratts
Production Supt.

MLR:vld

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OCT 10 1988

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Wichita, Kansas