

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

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

Purchaser Koch Oil Co.
Box 2256, Wichita, KS 67201

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

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

Wellsite Geologist Gerald Honas
Phone 316-722-7963

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply etc.)

If ONWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

6-10-87 6-18-87 6-26-87
Spud Date Date Reached TD Completion Date

3823
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 236 feet
Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If yes, show depth set 1511 feet

If alternate 2 completion, cement circulated from 1511 feet depth to Surface 400 SX cmt
Cement Company Name Allied Cementing
License # 49023

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	30 Bbls	None MCF	None Bbls		39°

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Sold

☒ Open Hole ☐ Perforation
☐ Other (Specify)

API NO. 15-051-24,482

County Ellis

..NW..SW..NE Sec. 7... Twp. 13 Rge. 20. ☒ East ☒ West

3630 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

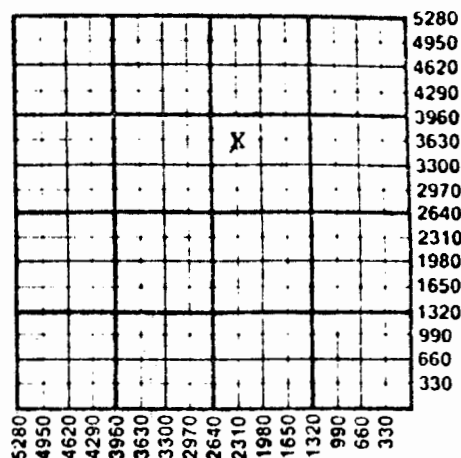
Lease Name Nicholson Well # 1

Field Name Ellis

Producing Formation Arbuckle

Elevation: Ground 2134 KB 2139

Section Plat



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 # T-87-208

Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge East West

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. #)

SIDE TWO

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

Sec..... 7 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

Formation Description
☒ Log ☐ Sample

D.S.T. #1 3444-3485 Times: 30-30-30-45
 Rec. 10' Mud

I.H.P. - 1869#
 I.F.P. - 88-77
 I.S.I.P. -
 F.F.P. - 88-88
 F.S.I.P. - 815
 F.H.P. - 1847

Name	Top	Bottom
Anhydrite	1484	1528
Topeka Lm	3171	3404
Heebner Sh	3404	3408
L-KC Lm	3443	3680
Marmaton	3746	3758
Arbuckle Dol	3810	R.T.D.

D.S.T. #2 3765-3821 Times: 30-45-45-60
 Rec. 150' Gas and 990' Mdy Gsy Oil

I.H.P. - 2045
 I.F.P. - 110-243
 I.S.I.P. - 1144
 F.F.P. - 309-420
 F.S.I.P. - 1133
 F.H.P. - 2024

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	24	239	Quickset	150	
Production	7 7/8	5 1/2	15 1/2	3812	Common	150	
		Stage Tool			60-40 Pdx	400	

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
None	Open Hole	500 gal. - 15%	3823

TUBING RECORD Size 2" Set At 3820 Packer at None Liner Run ☐ Yes ☒ No

Date of First Production 7-10-87 Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....