

SIDE ONE

Compt. _____

(Rules 82-3-130 and 82-3-107)

This form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ninety (90) days after the completion of a well, regardless of how the well was completed.

FOR INFORMATION REGARDING THE NUMBER OF COPIES TO BE FILED AND APPLICATIONS REQUIRING COPIES OF ACO-1 FORMS SEE PAGE TWO (2), SIDE TWO (2) OF THIS FORM.

F _____ Letter requesting confidentiality attached.

C Attach ONE COPY of EACH wireline log run (i.e. electrical log, sonic log, gamma ray neutron log etc.)***Check here if NO logs were run _____.

PLEASE FILL IN ALL INFORMATION. IF NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

LICENSE # 6261 EXPIRATION DATE 6-30-84
 OPERATOR Ernst & Steinle Oil Operations API NO. 15-051-23,502-00-0002
 ADDRESS Box 859 COUNTY Ellis
Russell, Kansas 67665 FIELD LIBERT So.
 ** CONTACT PERSON Richard Steinle PROD. FORMATION Arbuckle
 PHONE 913-666-4468

PURCHASER Koch LEASE M. Staab "C"
 ADDRESS Box 2256 WELL NO. 1
Wichita, Kansas 67201 WELL LOCATION C N/2 NW/4 NW/4
 DRILLING Red Tiger Drilling Company 330 Ft. from North Line and
 CONTRACTOR 1720 KSB Building 660 Ft. from West Line of
 ADDRESS Wichita, Kansas 67202 the NW (Qtr.) SEC 13 TWP 13S RGE 18W

PLUGGING N/A WELL PLAT (Office Use Only)
 CONTRACTOR _____ KCC
 ADDRESS _____ KGS
 _____ SWD/REP _____
 _____ PLG. _____
 _____ NGPA _____

TOTAL DEPTH 3,725' PBTD _____
 SPUD DATE 6/14/83 original spud DATE COMPLETED 6/19/83 original comp
 ELEV: GR _____ DF _____ KB 2,160'

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		13	

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS.
 DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE _____

Amount of surface pipe set and cemented 258' DV Tool Used? No

TYPE OF COMPLETION THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Shut-in Gas, Gas, Dry, Disposal, Injection, Temporarily Abandoned. If OWWO, indicate type of re-completion _____. Other completion _____. NGPA filing _____

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

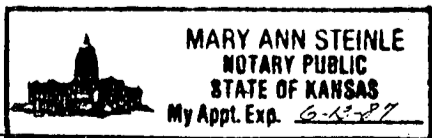
A F F I D A V I T

R. A. Steinle, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

R. A. Steinle
(Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 23 day of August 19 83.



MY COMMISSION EXPIRES:

Mary Ann Steinle
(NOTARY PUBLIC)
STATE CORPORATION COMMISSION

RECEIVED
OCT 21 1983
CONSERVATION DIVISION
Wichita, Ks

** The person who can be reached by phone regarding any questions concerning this information.

SIDE TWO

ACO-1 WELL HISTORY (W)

OPERATOR Ernst & Steinle Oil Operations LEASE M. Staab "C" SEC. 13 TWP. 13S RGE. 18W (W)

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 1

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.		
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<input checked="" type="checkbox"/> Check if no Drill Stem Tests Run.				
<input type="checkbox"/> Check if samples sent to Geological Survey				
Clay & Post Rock	0	10		
Post Rock	10	40		
Shale	40	566		
Shale & Sand Streaks	566	858		
Sand	858	1080		
Red Bed	1080	1408		
Anhydrite	1408	1448		
Shale	1448	2354		
Shale & Lime	2354	2612		
Lime & Shale	2612	3183		
Lime	3183	3725		
RTD		3725		

If additional space is needed use Page 2,

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or ~~(Old)~~

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/4"	8 5/8"	23#	266'	Common	160	3% C.C., 2% Ge
Production	7 7/8"	5 1/2"	14#	3,724'	Common	150	5% Cal Seal, 18% Salt, 1/4# Flocele

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2 per ft.	Jets 3/8"	3474 - 80
TUBING RECORD			2 per ft.	Jets 3/8"	3609 - 14
Size	Setting depth	Pecker set or	Shots per ft.	Size & type	Depth interval
2 3/8	3625	none	2 per ft.	Jets 3/8"	3622 - 24

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
3000 gal 15% MCA Acid	3474-80
1250 gal 15% MCA Acid	3609-14
1250 gal 15% MCA Acid	3622-24

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
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Estimated Production -I.P.	Oil 40 bbls.	Gas none MCF	Water 50 %	Gas-oil ratio bbls.	CFPB
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Disposition of gas (vented, used on lease or sold)	Perforations
vented	none

R. P. Nixon Operations

R. P. Nixon, Geologist & Oil Producer

207 West Twelfth

#1 MARION DAILY WORKOVER REPORT

HAYS, KANSAS 67601

API 15-051-23,502-00-01
C N/2 NW NW SEC.13, T13S-R18W
ELLIS COUNTY, KANSAS

Phone: 913-828-3834

LSE/WELL#5480/1

- 11-22-85 Moved in Production Drilling Inc's cable tools and rigged up. Ran steel line to TD 2385'. Ran 2 7/8" tubing and Baker Mod. A-D1 tension packer to 700' and tested for Dakota leak. Had tool failure. Laid out tubing and packer. Inspected packer. Ran tubing and packer in hole to 200' and tested packer. Tool held pressure. Ran tubing and packer to 863'. Tested down tubing. Tubing held 1000#'s psi. Found hole @ 801'. Shut down to squeeze in morning.
- 11-23-85 Set tool @ 734'. Had injection rate of 2 1/2 bbls per minute @ 500#'s psi. Mixed 200 sx of common 2% c.c. Had mixing pressure of 600#'s psi @ a flow rate of 2 1/2 bbls per minute. Staged slurry for 1 1/2 hours. Released tool and cleared tubing. Displaced slurry inside casing to within 42' of hole (768±). Could not hold pressure on cement without moving entire column. Pulled 5 joints of tubing and reset packer. Applied 500#'s psi and shut in over weekend.
- 11-25-85 Pulled tubing. Rigged up bit and drilled out 25' of soft cement and 15' of hard cement.
- 11-26-85 Drilled on cement until 11:30 a.m. Waited on Ostrum Well Service for power swivel and mud pump. Rigged up and ran tubing and bit. Drilled 30' of cement. Circulated hole clean and shut down.
- 11-27-85 Drilled out rest of cement from squeeze job and ran tubing and bit to 2264'. Circulated hole clean and shut down.
- 11-28-85 Thanksgiving vacation thru 12-2-85
- 12-02-85 Drilled out sand and debris to 3320'. Circulated clean and shut down.
- 12-03-85 Drilled out to 3580', pulled 4 joints of tubing. Circulated clean and shut down.
- 12-04-85 Drilled out to TD of 3650'. Circulated for 2 hours. Pulled tubing, 4 drill collars and bit.
- 12-05-85 Swabbed hole down. Made 1 hour test. Old zones made 500' of fluid (11.9 bbls) 22% oil. Perforated @ 3526'-28' with 4 holes per foot. Ran plug and packer to acidize lowest zones (3609'-3624'). Had communication between zones. Set plug above zones and treated with 2000 gals 28% acid and shut down for evening.

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HAYS, KANSAS 67601

Phone: 913-628-3834

#1 MARION DAILY WORKOVER REPORT
PAGE 2
LSE/WELL#5480/1

API 15-051-23,502
C N/2 NW NW SEC.13, T13S-R18W
ELLIS COUNTY, KANSAS

- 12-06-85 Released and re-positioned tools to acidize and test "F" zone (3526'-28'). Acidized with 500 gals 15% INS and overflushed with 2 bbls of salt water. Zone treated @ 3 bbls per minute flow rate @ 300#'s psi. ISIP on vacuum. Swabbed hole down. Went to 30 minute tests. 1st test 3.77 bbls of fluid @ 53% oil. 2nd test 1.88 bbls of fluid @ 71% oil, 3rd test 1.41 bbls fluid @ 75% oil. Released and repositioned tools to acidize upper zones. (3474'-3480'). Acidized with 1500 gals 28% non E acid and overflushed with 1500 gals of salt water. Zone treated at a flow rate of 7 bbls per minute with 750#'s psi. Completed treatment on vacuum. Released tools and started out of hole.
- 12-07-85 Pulled tubing and tools. Ran in hole with casing swab. Found fluid @ 1600' from surface. 1st pull had 7 bbls of oil on top. Swabbed hole down and tested. On 4 hour swab test, all zones together produced 22 bbls of fluid per hour @ 25-50% oil. Tore down Production Drilling Inc's cable tools and moved off location. To run in tubing, pump and rods and put on pump.

R. P. Nixon Operations

R. P. Nixon, Geologist & Oil Producer

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HAYS, KANSAS 67801

Phone: 813-628-3834

#1 MARION DAKOTA SQUEEZE REPORT

API 15-051-23,502 -00-02
C N/2 NW NW SEC.13, T13S-R18W
ELLIS COUNTY, KANSAS

LSE/WELL#5480/1

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- 03-14-86 Laid well out and steamed tubing.
- 03-15-86 Ran plug to 3037'. Ran tension packer to 1033'. Tested plug at 2000#'s psi, plug held. Tested back side for leak, had leak. Spotted 2 sx of sand on plug and pulled packer up to 784' and tested. Had hole below. Located hole @ 1018'+. Set tool @ 972' to squeeze. Mixed 75 sx of 3% c.c. and 50 sx of common cement. Started mixing cement @ 3:20 p.m. Squeeze held 1750#'s psi. Cleaned tubing of cement. Released tool and washed cement from casing. Pulled tool and loaded hole. Shut down over weekend.
- 03-17-86 Ran sand pump to clean off sand from retrievable bridge plug. Ran 2 3/8" tubing and on and off tool to retrieve plug. Tool failed to slip over fishing neck due to 1ft of sand still on plug. Called B-J Titan to circulate from hole. Retrieved plug and laid down tubing. Shut down.
- 03-18-86 Sand pumped 7ft of large river stone from hole. Very little sand with formation and cement. Hang well on pump with regular ring insert pump. Tore down and moved off location. Pump test to follow.