

ORIGINAL

SIDE ONE

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

Operator: License # 8735

Name: S & M Oil

Address 205 N. Jefferson

City/State/Zip Plainville, Kansas 67663

Purchaser: Farmland Industries

Operator Contact Person: Steve Crawford

Phone (913) 434-2829

Contractor: Name: Western Kansas Drilling, Inc.

License: 4083

Wellsite Geologist: Steve Crawford

Designate Type of Completion

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. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

3-19-91 3-24-91 3-24-91

Spud Date Date Reached TD Completion Date

API NO. 15- 163-23,154 00 00

County Rooks

C E/2 SE Sec. 36 Twp. 08 Rge. 17 East West

1320' Ft. North from Southeast Corner of Section

660' Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

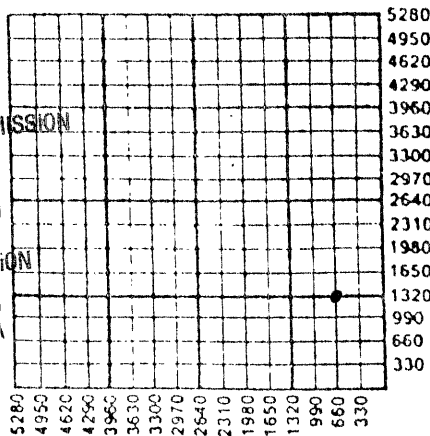
Lease Name Ted Hrabe Well # 7

Field Name North Westhusin

Producing Formation Kansas City

Elevation: Ground 1958' KB 1963'

Total Depth 3400' PBSD 3400'



4-24-91

RECEIVED
STATE CORPORATION COMMISSION
APR 08 1991
CONSERVATION DIVISION
Wichita, Kansas
4/8/91

Amount of Surface Pipe Set and Cemented at 214' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 3374

feet depth to surface w/ 450 sx cmt.

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. ALL CEMENTING TICKETS MUST BE ATTACHED.** Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Steve Crawford
Title owner-operator Date 4-5-91

Subscribed and sworn to before me this 5th day of April
19 91.



Connie Jewell

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Drillers Timelog Received

REC

DATE

SWD/Rep _____ NGPA

REC'D _____

SIDE TWO

Operator Name S & M Oil Lease Name Ted Hrabe Well # 7
 Sec. 36 Twp. 08 Rge. 17 East West
 County Rooks

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.)

Name	Formation Description	
	Top	Bottom
Anhydrite	1274	1306 (+689)
Topeka	2848	3067 (-885)
Heebner	3067	3071 (-1104)
Toronto	3088	3098 (-1125)
Kansas City	3109	3352 (-1146)

CASING RECORD New Used Production

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	19#	214'	60/40 poz	140sks	3%cc 2%gel
Production	7 7/8	5 1/2	14#	3374'	Encono lite	350sks	1lb. flow seal per sk 100sks EA2 12 1/2 lb. gilsoni 1/2% CFR3 per sks.

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
one	3165, 3190, 3202, 3211, 3249, 3267, 3273, 3287, 3294 1/2, 3316 1/2	9000 gal. 15% ACL limited entry 3165-3316 1/2

TUBING RECORD Size 2 7/8 Set At 3340.37 Packer At _____ Liner Run Yes No

Date of First Production 4-5-91 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	40	0	60	40%	34

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled
 Production Interval: _____
 Other (Specify) _____

JOB LOG

15-163-23154-0000

WELL NO. 1 LEASE Hirabe TICKET NO. 000110

CUSTOMER SOM oil Co PAGE NO. 1

FORM 2013 R-2 JOB TYPE CD Completion DATE 3-24-91

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
1	14:45 15:00							On location setup TRK + discuss job ST CSG - 5 1/2, 14 # with Guide shoe insert w/ auto fillup. Centralizers on collars 2, 5, 13, 26, 35, 46, 53, 66 + Cement Baskets on Joints 3, 6, 14, 67
	16:35 16:40 16:50							CSG on bottom hook up to circulate ST circulating Finish circulating Plug rat hole
	16:58	8.5						ST mixing 400 SKS Econolite, 1/4 # flocc / # + 100 SKS EA2, 1 1/2 # Gelsolite / SK, 1/2 # LFR 3 / SK
	17:35							Finish mixing Cement washout pump + Line
	17:37	8 6				200		Release plug + ST displacement
	17:50	3				900		slow rate to 6 BPM
	17:52		82.5			1250		Plug down Cement DID circulate ^{w/ 350 SKS} Release PSI float held Econo mixed JOB complete
								Thank You! Larry + Carol mixed approx 350 SKS econolite before cement circulated to surface / switched to EA2 + Finished JOB. Circ 150 SKS econolite to pit

RECEIVED
STATE CORPORATION COMMISSION

APR 17 1991

L Dinkel B2150
A. Gabel
D. Ash
W. Travis

4/17/91

CUSTOMER