

15.135.21083.0001

ORIGINAL

SIDE ONE

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

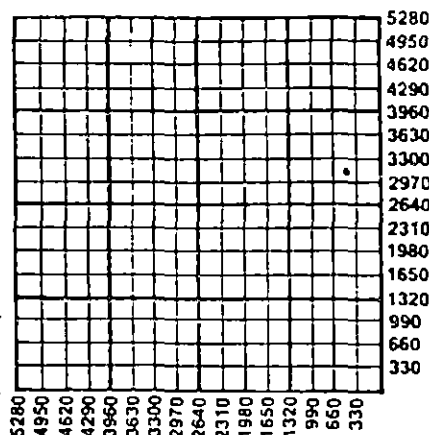
API NO. 15- 135-21,082-A
County Ness
150' SE of _____ East
SE NE _____ Sec. 35 Twp. 20 Rge. 26 West
3195 Ft. North from Southeast Corner of Section
555 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name Goodman OWWO Well # 1
Field Name Buda
Producing Formation Miss.
Elevation: Ground 2433 KB 2442
Total Depth 4415' PBD 4415'

Operator: License # 5030
Name: Vess Oil Corporation
Address 8100 E. 22nd St. N.,
Bldg. #300
City/State/Zip Wichita, KS 67226
Purchaser: Koch
Operator Contact Person: Bill Horigan
Phone (316) 682-1537
Contractor: Name: Duke Drilling Co., Inc.
License: 5929
Wellsite Geologist: Kim Shoemaker

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: O. A. Sutton
Well Name: Martha #2
Comp. Date 8-27-75 Old Total Depth 4433

Drilling Method:
 Mud Rotary Air Rotary Cable
11-06-90 11-13-90 11-21-90
Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 365' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1663 Feet
If Alternate II completion, cement circulated from 1663'
feet depth to surface w/ 375 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 WR Horigan
Title Operations Manager Date 1-2-91
Subscribed and sworn to before me this 2nd day of January,
19 91.
Notary Public Paula K. Driskell
Date Commission Expires June 27, 1994

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 RECEIVED Plug Other
STATE CORPORATION COMMISSION (Specify)



1-3-91 Form ACO-1 (7-89)
CONSERVATION DIVISION
Wichita, Kansas

SIDE TWO

Operator Name Vess Oil Corporation Lease Name Goodman OWWO Well # 1
 Sec. 35 Twp. 20 Rge. 26 East County Ness
 West

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Submit Copy.) DST #1 <u>4408-4415</u> Zone: <u>Miss.</u> Times: <u>30-45-45-60</u> Blow: <u>8" blow</u> Rec: <u>280'GIP, 120'CGO, 50'O &</u> <u>GCM (10%) -90'MW w/OS.</u> IFP: <u>22-77</u> FFP: <u>88-122</u> ISIP: <u>1218</u> FSIP: <u>1196</u>	<p style="text-align: center;">Formation Description</p> <p style="text-align: center;"><input type="checkbox"/> Log <input checked="" type="checkbox"/> Sample</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Bottom</th> </tr> </thead> <tbody> <tr><td>Anhydrite</td><td>1655</td><td>+787</td></tr> <tr><td>Heebner</td><td>3737</td><td>-1295</td></tr> <tr><td>Lansing</td><td>3779</td><td>-1337</td></tr> <tr><td>Hushpuckney</td><td>4088</td><td>-1646</td></tr> <tr><td>B/KC</td><td>4162</td><td>-1720</td></tr> <tr><td>Marmaton</td><td>4201</td><td>-1759</td></tr> <tr><td>Ft. Scott</td><td>4309</td><td>-1867</td></tr> <tr><td>Cherokee</td><td>4334</td><td>-1892</td></tr> <tr><td>Conglomerate</td><td>4386</td><td>-1944</td></tr> <tr><td>Miss.</td><td>4405</td><td>-1963</td></tr> <tr><td>RTD</td><td>4415</td><td>-1973</td></tr> </tbody> </table>	Name	Top	Bottom	Anhydrite	1655	+787	Heebner	3737	-1295	Lansing	3779	-1337	Hushpuckney	4088	-1646	B/KC	4162	-1720	Marmaton	4201	-1759	Ft. Scott	4309	-1867	Cherokee	4334	-1892	Conglomerate	4386	-1944	Miss.	4405	-1963	RTD	4415	-1973
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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"		365'		250	
Production	7-7/8"	4 1/2"	10.5#	4414'	Common	25	18% salt 2% gel
DV tool				1664'	60/40 poz	375	4% gel 4# Gilsonite

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4 JSPF	4412-4416	500 gal. 28%	4412 - 4416

TUBING RECORD Size 2-3/8" Set At 4410 Packer At NA Liner Run Yes No

Date of First Production _____ Producing Method Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	37	0	32		39.

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval 4412-4416

RECORDED & INDEXED
 JAN 10 1968
 (2) 599 & 600



P.O. Box 4442
Houston, Texas 77210

15.135.21083.0001

ORIGINAL CEMENTING LOG

STAGE NO.

A Baker Hughes company

Date 11-13-90 District DT Bend Ticket No. 635607
 Company Vess Oil Rig Duke #4
 Lease Deelman OW NO Well No. #1
 County Moss State Ka
 Location Moss Cr. 759w4s Field _____
4w1s1w

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 4 1/2 Type _____ Weight 9.5 Collar _____

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .0163 Lin. ft./Bbl. 61.5
 Open Holes: Bbls/Lin. ft. .0602 Lin. ft./Bbl. 16.59
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. .0406 Lin. ft./Bbl. 24.6
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type 20 BBS salt flush 500 mud sweep
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

LEAD: Pump Time _____ hrs. Type _____
25 sk common Excess _____
 Amt. 25 Sks Yield 1.171 ft³/sk Density 15.7 PPG _____

TAIL: Pump Time _____ hrs. Type _____
60/40 2% 50/10 6A-S 3/4 2.0-31 Excess _____
 Amt. 125 Sks Yield 1.64 ft³/sk Density 13.5 PPG _____

WATER: Lead 5.2 gals/sk Tail 6.43 gals/sk Total _____ Bbls.

Pump Trucks Used 33

Bulk Equip. 3985 54212

Float Equip: Manufacturer Baker Arrow
 Shoe: Type guide Depth _____
 Float: Type Ball Depth _____
 Centralizers: Quantity 5 Plugs Top _____ Btm. _____
 Stage Collars DY tool
 Special Equip. Basket
 Disp. Fluid Type H 20 Amt. 71.7 Bbls. Weight 8.34 PPG _____
 Mud Type _____ Weight _____ PPG _____

COMPANY REPRESENTATIVE _____

CEMENTER Mike Stas

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
7:00 on line						Run 128 ft of 4 1/2 casing to 4420.59'
						Bottom stage
11:50 circulate						Speared with 20 BBS salt flush
1:25 pump flush						+ 500 gals mud sweep. Cemented with
1:12 cement						25 sk common + 125 sk 60/40 2% gel
1:25 pump plug						18% A-S 3/4 of 1% C.O. 31 with FP-8.
1:37 plug down						Pumped plug to 4396'
						float dual ball
						Top stage
1:43 Drop beam						Mixed 375 sk 60/40 per 4% gel +
2:00 open DY & circulate						# D-7 per sk. Pumped plug to 1664'
2:40 cement						
3:10 pump plug						
3:15 plug down						
						cement did circulate
						Good circulation @ all times
						thanky