

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 4485
Name: Verde Oil Company
Address: 8700 Crownhill, #800
City/State/Zip: San Antonio, TX 78209
Purchaser: Plains
Operator Contact Person: Jeffrey L. Dale
Phone: (316) 754-3800
Contractor: Name: McPherson Drilling
License: 5675
Wellsite Geologist: Jeffrey L. Dale

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____
4/17/00 4/18/00 8/03/00
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 001-28848-0000
County: Allen
NE NW NE SW Sec. 29 Twp. 26 S. R. 20 East West
2475 feet from S N (circle one) Line of Section
3465 feet from E W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Manson Well #: I-4-4
Field Name: Humboldt/Chanute
Producing Formation: Bartlesville Tucker
Elevation: Ground: 998' Kelly Bushing: N/A
Total Depth: 885' Plug Back Total Depth: 865'
Amount of Surface Pipe Set and Cemented at 20 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 884
0' feet depth to 115 w/ _____ sx cmt.

Drilling Fluid Management Plan APP 2 KJR 7/17/07
(Data must be collected from the Reserve Pit)
Chloride content 400 ppm Fluid volume 85 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

CONSERVATION DIVISION

JAN 23 2001

RECEIVED
KANSAS CORPORATION COMMISSION

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of 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 geologist well report 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.

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: [Signature]
Title: Geologist Date: May 15, 2000
Subscribed and sworn to before me this 15th day of May,
2000
Notary Public: Kaylene Wick
Date Commission Expires: 8-17-03



KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Verde Oil Company Lease Name: Manson Well #: I-4-4
 Sec. 29 Twp. 26 S. R. 20 East West County: Allen

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Gamma ray, neutron & casing collar locator	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Tucker</td> <td>822'</td> <td>+176'</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Tucker	822'	+176'
<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample								
Name	Top	Datum								
Tucker	822'	+176'								

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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	10-1/4"	7"	17.0	20'	A	5	none
Production	5-3/4"	2-7/8"	6.4	884'	A 50/50	115	5% salt 2% gel 5% gilsonite

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
2	822' - 842' w/40	250 gal. 15% HCL 200# 20/40 sand, 800# 12/20 sand in 40 bbl. 20# gel system	822' - 842'

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
none				

Date of First, Resumed Production, SWD or Enhr. N/A - injection well	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> injection well Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. N/A	Gas Mcf N/A	Water Bbls. N/A	Gas-Oil Ratio	Gravity
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Disposition of Gas Vented Sold Used on Lease *(If vented, Sumit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval 822' - 842'

McPherson Drilling
Drillers Log

ORIGINAL

API NO.

S T. R.

OPERATOR: Verde Oil Co.
ADDRESS: 8700 Crownbill, #800, San Antonio, TX 78209

LOCATION:
COUNTY: Allen

WELL NO. I-4-4 LEASE NAME: Manson
FOOTAGE LOCATION: FROM THE NORTH LINE
FROM THE WEST LINE

PRINCIPLE CONTRACTOR: MCPHERSON DRILLING

SPUD DATE: 4/17/00

COMPLETED DATE: 4/18/00

TOTAL DEPTH: 885'

GEOLOGIST:

CASING RECORD

	SURFACE	PRODUCTION
SIZE HOLE:	9 1/4"	5 1/4"
SIZE CASING:	7"	
WEIGHT:	23#	
SETTING DEPTH:	20'	
TYPE CEMENT:	Portland	
SACKS:	4	

WELL LOG

FORMATION	TOP	BOTTOM	FORMATION	TOP	BOTTOM
soil/clay	0	7	shale	503	600
lime	7	43	shale/lime	600	610
shale	43	59	coal	610	611
lime	59	157	shale	611	653
shale	157	284	coal	653	658
lime	284	288	shale	658	774
shale	288	298	bkn oil sand	774	781
lime	298	307	shale	781	787
shale	307	310	oil sand	787	793
lime	310	326	shale	793	796
shale	326	370	oil sand	796	800
lime	370	391	shale	800	822
shale	391	405	oilsand	822	857
lime	405	409	sandy shale	857	863
shale	409	411	shale	863	885
lime	411	426			
shale	426	431			
lime	431	436			
shale	436	450			
lime	450	452			
shale	452	407			
lime	407	490			
shale	490	501			
lime	501	503			

COMMENTS: Core 822-861

CONSOLIDATED INDUSTRIAL SERVICES, INC.
 211 W. 14TH STREET, CHANUTE, KS 66720
 316-431-9210 OR 800-467-8676

TICKET NUMBER **13213**

LOCATION Saraburg

FOREMAN B. Climent

TREATMENT REPORT

DATE 4-19-00	CUSTOMER ACCT # 8584	WELL NAME Manson #14-4	QTR/QTR	SECTION	TWP	RGE	COUNTY AL	FORMATION
CHARGE TO Verde 99				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE				DISTANCE TO LOCATION				
ZIP CODE				TIME LEFT LOCATION				
TIME ARRIVED ON LOCATION								

WELL DATA	
HOLE SIZE 5 7/8	
TOTAL DEPTH	
CASING SIZE 2 1/8	
CASING DEPTH 883' Pipe 813' Bottle	
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	
SHOTS/FT	
OPEN HOLE	
TREATMENT VIA	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB Wash down 24 Cement 1- Well

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Pump into pump 25x of Gel dye water start cement
pump Gel dye water to top wash out pump start plug
pump cement to top plug on bottom

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING ³	psi
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	psi 500
MINIMUM	psi 250
AVERAGE	psi
ISIP	psi 750
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	
HYD HHP = RATE X PRESSURE X 40.8	

AUTHORIZATION TO PROCEED _____ TITLE _____ DATE **4-19-00**

CONSOLIDATED INDUSTRIAL SERVICES

AN INFINITY COMPANY
211 W. 14TH STREET, CHANUTE, KS 66720
316-431-9210 OR 800-467-8676

ORIGINAL

TICKET NUMBER **13521**

LOCATION Savonburg

FIELD TICKET

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
4-19-00	8587	Manson I-4-4					AL	
CHARGE TO <u>Verde 99</u>				OWNER				
MAILING ADDRESS <u>Rt 1 Box 34</u>				OPERATOR				
CITY & STATE <u>Savonburg, Ks 66772</u>				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401	1	PUMP CHARGE Cement Pump		475.00
5402	883'	Per Foot		88.30
		HYDRAULIC HORSE POWER		
1118	25x	Premium Gel Ahead of cement		21.00
1118	35x	Premium Gel in cement		31.50
1110	135x	Gilsonite		227.50
1111	105x (500#)	Granulated Salt		100.00
4402	1-2 3/4	Rubber Plug		15.00
4151		Fuel Surcharge 3 x 18 = 54 x .10		5.40
		STAND BY TIME		
		MILEAGE		
5501	1 1/2 hrs	WATER TRANSPORTS		47.50
		VACUUM TRUCKS		
		FRAC SAND		
1124	1155x	CEMENT 50/50 Poz mix		833.75
		NITROGEN		
5407	16 miles	TON-MILES <u>Mix</u>	Tax	78.64
				125.00
			ESTIMATED TOTAL	2098.59

NSCO #15087

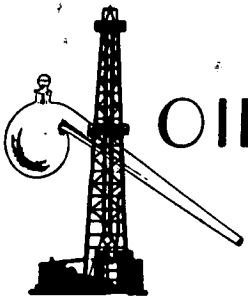
CUSTOMER or AGENTS SIGNATURE

CIS FOREMAN Steve Clement

CUSTOMER or AGENT (PLEASE PRINT)

DATE 4-19-00

1107324



ORIGINAL

OILFIELD RESEARCH LABORATORIES

536 N. HIGHLAND - CHANUTE, KANSAS 66720 - PHONE (316) 431-2650 - FAX (316) 431-2671

May 18, 2000

Verde Oil Company
8700 Crownhill, Suite 800
San Antonio, TX 78209-1133

Gentlemen:

Attached hereto are the results of testing the rotary core taken from the Manson Lease, Well No. I-4-4, located 2475'FSL and 3465'FEL, Section 29, T26S, R20E, Allen County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on April 19, 2000.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Alan M. Dunning

Alan M. Dunning

AMD: td

3 c: San Antonio, TX

2 c: Jeff Dale

Rt. 1, Box 34

Savonburg, KS 66772

- REGISTERED ENGINEERS -

CORE ANALYSIS - WATER ANALYSIS - REPRESSURING ENGINEERING SURVEYING & MAPPING PROPERTY EVALUATION & OPERATION

LOGCompany Verde Oil Company Lease Manson Well No I-4-4Bartlesville Sandstone

<u>Depth Interval, Feet</u>	<u>Description</u>
822.0 – 822.8	Sandstone, light brown, shaly, with scattered shale inclusions and nodules.
822.8 – 824.9	Sandstone, brown, with widely scattered shale and coal inclusions.
824.9 – 826.6	Sandstone, brown.
826.6 – 829.2	Sandstone, brown, with widely scattered shale and carbonaceous inclusions.
829.2 – 829.5	Shale, gray.
829.5 – 831.0	Sandstone, brown.
831.0 – 836.7	Sandstone, brown, with widely scattered shale and carbonaceous partings and inclusions.
836.7 – 836.9	Shale, gray.
836.9 – 837.8	Sandstone, brown.
837.8 – 838.0	Sandstone, grayish brown, with scattered shale nodules.
838.0 – 840.3	Sandstone, grayish brown.
840.3 – 841.2	Sandstone, grayish brown, with widely scattered small shale nodules.
841.2 – 842.0	Sandstone, light grayish brown, shaly.
842.0 – 851.0	Sandstone, grayish brown.
851.0 – 853.3	Sandstone, gray, slightly shaly.

OILFIELD RESEARCH LABORATORIES

RESULTS OF SATURATION & PERMEABILITY TESTS

Company: **Verde Oil Company** Lease: **Manson** Well No. **I-4-4**

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A.Ft.	Permeability Millidarcys
			Oil	Water	Total		
1	823.5	22.3	34	35	69	588	322.
2	834.5	22.2	33	29	62	568	366.
3	825.5	20.3	42	32	74	661	116.
4	826.5	19.4	42	34	76	632	196.
5	827.5	20.0	43	32	75	667	296.
6	828.5	21.9	42	25	67	714	229.
7	829.7	21.8	35	22	57	592	591
8	830.6	22.3	33	23	56	571	654
9	831.5	21.9	35	24	59	595	553.
10	832.5	24.1	32	26	58	598	1443.
11	833.6	21.9	36	24	60	612	546.
12	834.5	19.3	35	32	67	524	174.
13	835.6	20.6	33	24	57	527	212.
14	836.5	22.5	35	26	61	611	407.
15	837.5	21.3	34	26	60	562	319.
16	838.5	17.4	34	34	68	459	146.
17	839.5	18.6	36	29	65	519	177.
18	840.5	17.5	40	33	73	543	81.
19	841.4	16.0	37	40	77	459	6.9
20	842.5	17.4	40	36	76	540	16.

OILFIELD RESEARCH LABORATORIES

RESULTS OF SATURATION & PERMEABILITY TESTS

Company: **Verde Oil Company**

Lease: **Manson**

Well No. **I-4-4**

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A.Ft.	Permeability Millidarcys
			Oil	Water	Total		
21	843.5	17.0	39	34	73	514	8.9
22	844.5	17.6	39	31	70	533	11.
23	845.4	17.8	43	33	76	594	15.
24	846.4	18.0	45	32	77	628	17.
25	847.5	17.9	40	32	72	555	16.
26	849.5	18.2	40	35	75	565	7.9
27	851.5	17.9	29	38	67	403	9.2