

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

ORIGINAL

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 \_\_\_\_\_  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. \_\_\_\_\_  
3/27/00 4/05/00 8/04/00  
Spud Date or Date Reached TD Completion Date or Recompletion Date

RECEIVED  
KANSAS CORPORATION COMMISSION  
JAN 23 2001

API No. 15-001-28842-0000  
County: Allen  
NE SW NE SW Sec. 29 Twp. 26 S. R. 20  East  West  
1815 feet from S N (circle one) Line of Section  
3465 feet from E W (circle one) Line of Section

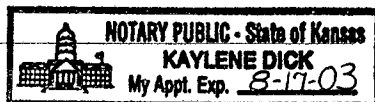
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Manson Well #: I-6-4  
Field Name: Humboldt/Chanute  
Producing Formation: Bartlesville Tucker  
Elevation: Ground: 995 Kelly Bushing: N/A  
Total Depth: 885' Plug Back Total Depth: 861'  
Amount of Surface 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 883  
feet depth to 0' w/ 157 sx cmf.

Drilling Fluid Management Plan Alt II KJR 7/17/07  
(Data must be collected from the Reserve Pit)  
Chloride content 400 ppm Fluid volume 85 bbls  
Downing 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.: \_\_\_\_\_

**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 Dick  
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-6-4  
 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  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

Gamma ray, neutron & casing collar locator

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Tucker	828'	+167'

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	883'	A 50/50	157	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 (Amount and Kind of Material Used)	Depth
2	828' - 848' w/41	250 gal. 15% HCL	828' -
		200# 20/40 sand, 800# 12/20	
		sand in 40 bbl. 20# gel	848'
		system	

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

Date of First, Resumed Production, SWD or Enhr. N/A - injection well  
 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	N/A	N/A	N/A		

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 828' - 848'

McPherson Drilling  
Drillers Log

ORIGINAL

API NO.

S T. R.

OPERATOR: Verde Oil Co.  
ADDRESS: 8700 Crownbill, #800, San Antonio, TX 78209  
WELL NO. I-6-4  
FOOTAGE LOCATION:

LOCATION:  
COUNTY: Allen

LEASE NAME: Manson  
FROM THE NORTH LINE  
FROM THE WEST LINE

PRINCIPLE CONTRACTOR: MCPHERSON DRILLING

SPUD DATE: 3/27/00  
COMPLETED DATE: 4/4/00  
TOTAL DEPTH: 885

GEOLOGIST: Jeff Dale

CASING RECORD

	SURFACE	PRODUCTION
SIZE HOLE:	9 1/4"	
SIZE CASING:	7"	5 1/4"
WEIGHT:	23#	
SETTING DEPTH:	24'	
TYPE CEMENT:	Portland	
SACKS:	4	

WELL LOG

FORMATION	TOP	BOTTOM	FORMATION	TOP	BOTTOM
soil/clay	0	6			
lime/sand	6	13			
lime	13	157			
shale	157	310			
lime	310	317			
shale	317	413			
lime	413	415			
coal	415	417			
shale	417	420			
lime	420	432			
shale	432	438			
lime	438	441			
shale	441	483			
lime(odor)	483	496			
shale/sand	496	725			
sand(odor)	725	731			
shale	731	796			
oil sand	796	809			
sandy shale	809	826			
lime	826	827			
sand(oil)	827	859			
sandy shale	859	865			
shale	865	885 TD			

COMMENTS: Core 825-862

ORIGINAL

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

TICKET NUMBER 13341

LOCATION Savonburg

FOREMAN L. Clement

TREATMENT REPORT

DATE 4-4-00	CUSTOMER ACCT # 8584	WELL NAME Manson #16-4	QTR/QTR	SECTION	TWP	RGE	COUNTY AL	FORMATION
CHARGE TO <u>Verde 99</u>				OWNER				
MAILING ADDRESS <u>R+1 Box 34</u>				OPERATOR				
CITY <u>Savonburg</u>				CONTRACTOR				
STATE <u>Ks</u>		ZIP CODE <u>66772</u>		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

WELL DATA

HOLE SIZE <u>6 1/4</u>
TOTAL DEPTH
CASING SIZE <u>2 1/8</u>
CASING DEPTH <u>885' TD 883' Pipe 872' Baffle</u>
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

Cement 1-Well

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Pump into run 2sx of Gal got circulation run dye water start cement pump gel & dye water to top wash out pump start plug got cement to top plug hit bottom at 1750 PSI Run Line plug was on baffle pressure up to 600 PSI shot in

PRESSURE SUMMARY

BREAKDOWN or CIRCULATING	psi
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	psi <u>1750</u>
MINIMUM	psi <u>250</u>
AVERAGE	psi
ISIP	psi <u>600</u>
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

4-4-00

ALL THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.

## CONSOLIDATED INDUSTRIAL SERVICES

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

TICKET NUMBER **13547**

LOCATION Savonburg

### FIELD TICKET

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
4-4-00	8584	Monson #16-4					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 <sup>00</sup>
5402	883'	Per Foot		88 <sup>30</sup>
		HYDRAULIC HORSE POWER		
1118	25x	Premium Gel Ahead of Cement		21 <sup>00</sup>
1118	35x	Premium Gel in Cement		31 <sup>50</sup>
1111	105x (500#)	Granulated Salt		100 <sup>00</sup>
1110	135x	Gilsonite		227 <sup>50</sup>
4402	1-2 3/4	Rubber Plug		15 <sup>00</sup>
		STAND BY TIME		
		MILEAGE		
		WATER TRANSPORTS		
5502	2 Hrs	VACUUM TRUCKS		110 <sup>00</sup>
		FRAC SAND		
4124	1575x	CEMENT 50/50 Poz Mix		1138 <sup>25</sup>
4151		Fuel Surcharge 18x3=54 x 10¢ per gallon		5 <sup>40</sup>
		NITROGEN	Tax	98 <sup>15</sup>
5407	18 miles	TON-MILES Min		125 <sup>00</sup>
NSCO #15097			ESTIMATED TOTAL	
18 miles x 3			2435 <sup>08</sup>	

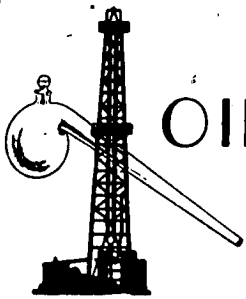
CUSTOMER or AGENTS SIGNATURE

CIS FOREMAN Steve Clement 2435<sup>08</sup>

CUSTOMER or AGENT (PLEASE PRINT)

DATE 4-4-00

1107179



# OILFIELD RESEARCH LABORATORIES ORIGINAL

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

April 14, 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-6-4, located 1815'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 March 30, 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

LOG

ORIGINAL

Company Verde Oil Company Lease Manson Well No. I-6-4

Bartlesville Sandstone

<u>Depth Interval, Feet</u>	<u>Description</u>
825.0 – 825.3	Sandstone, very light brown, with scattered shale nodules.
825.3 – 828.9	Sandstone, brown, with widely scattered shale nodules.
828.9 – 833.0	Sandstone, brown, with widely scattered shale nodules and inclusions.
833.0 – 834.1	Sandstone, brown, with widely scattered shale inclusions. (core badly broken)
834.1 – 835.3	Sandstone, brown.
835.3 – 838.0	Sandstone, brown, with widely scattered shale nodules and inclusions. (core badly broken)
838.0 – 838.4	Sandstone, dark brown, and containing a vertical fracture.
838.4 – 840.0	Sandstone, brown, with widely scattered shale partings and inclusions.
840.0 – 840.6	Shale, gray, with scattered sandstone inclusions. (core badly broken)
840.6 – 841.4	Sandstone, brown, and containing a vertical fracture.
841.4 – 843.0	Sandstone, brown.
843.0 – 846.0	Sandstone, grayish brown.
846.0 – 846.6	Sandstone, grayish brown, with scattered small shale nodules.
846.6 – 847.3	Sandstone, grayish brown, with scattered large shale nodules.

# OILFIELD RESEARCH LABORATORIES

## RESULTS OF SATURATION & PERMEABILITY TESTS

Company: **Verde Oil Company**

Lease: **Manson**

Well No. **I-6-4**

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A.Ft.	Permeability Millidarcys
			Oil	Water	Total		
1	825.5	18.1	26	30	56	365	310.
2	826.5	18.4	33	31	64	471	263.
3	827.6	20.9	33	39	72	535	543.
4	828.5	20.8	36	33	69	581	342.
5	829.5	21.0	33	41	74	538	582.
6	831.5	22.8	35	38	73	619	460.
7	832.5	20.7	36	27	63	578	280.
8	834.5	19.0	36	26	62	531	214.
9	838.5	21.5	34	25	59	567	246.
10	839.5	20.1	34	28	62	530	197.
11	840.7	21.5	35	37	72	584	92.
12	841.6	19.8	35	43	78	538	53.
13	842.4	19.2	35	40	75	521	39.
14	843.4	18.8	30	40	70	438	38.
15	844.5	18.0	32	34	66	447	34.
16	845.5	17.1	35	31	66	464	22.
17	846.5	18.7	36	28	64	522	41.