#### Form ACO-1 September 1999 Form Must Be Typed

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

78209

| -           | N FORM                            | LEACE                                 | •                                     |                     |                                       |
|-------------|-----------------------------------|---------------------------------------|---------------------------------------|---------------------|---------------------------------------|
|             | OF WELL &                         |                                       | 0                                     | RIG                 | INAL                                  |
| API No      | . 15 -001 - 2                     | 28826-0                               | 000                                   |                     | 11471                                 |
| County      | All                               | en                                    |                                       | <del></del>         |                                       |
| C .         | SE SE SV                          | Sec.29 T                              | <sub>ND.</sub> 26 S.                  | <sub>B</sub> 20     | East 🔲 We                             |
|             |                                   |                                       |                                       |                     | ine of Section                        |
|             | 2005                              |                                       | <b></b>                               |                     | ine of Section                        |
|             |                                   |                                       | THE P.                                |                     |                                       |
| Footag      | es Calculated                     | -                                     | , Y                                   |                     | er:                                   |
|             | (circle one)                      | NE SE                                 | ) NW                                  | sw                  | т 10 6                                |
|             | Name: Man                         | boldt/                                | hanute                                | Well #:.            | I-10-6                                |
| Field N     | ame:                              |                                       |                                       |                     | · · · · · · · · · · · · · · · · · · · |
| Produc      | ing Formation                     | Bart.                                 | lesvill                               | e Tuc               | ker                                   |
| Elevation   | on: Ground:_<br>epth:_885         | 9751                                  | Kelly Bu                              | shing: $N$          | /A                                    |
| Total D     | <sub>epth:</sub> 885 <b>'</b>     | Plug Back                             | Total Depth:                          | 856                 | !<br>                                 |
|             | t of Surface Pi                   |                                       |                                       |                     |                                       |
| Multiple    | Stage Cemer                       | nting Collar L                        | Jsed?                                 |                     | Yes N                                 |
|             | show depth set                    | -                                     |                                       |                     | Fe                                    |
|             | nate II complet                   |                                       |                                       | 0.0                 |                                       |
|             | oth to                            |                                       |                                       |                     |                                       |
| ieer det    | жи со                             |                                       | W/                                    | ·                   | sx cm                                 |
| Devoate     | e content 4                       | sed                                   | iportat                               | 1011                | `                                     |
| Operato     | or Name:                          |                                       |                                       |                     | <del></del>                           |
| ₽e N        | lame:                             |                                       | License                               | No.:                |                                       |
|             | Sec                               | Twp                                   | S. R.,                                |                     | _ East                                |
| nty:        |                                   |                                       | Docket No.: _                         | · ···· - ·-· /····· |                                       |
| S           |                                   |                                       |                                       |                     |                                       |
| 8_          |                                   |                                       | <del></del>                           |                     |                                       |
|             | Corporation (                     |                                       |                                       |                     |                                       |
|             | rsion of a weli<br>requested in v |                                       |                                       |                     |                                       |
|             | st well report s                  |                                       |                                       |                     |                                       |
|             | 2-111 form wit                    |                                       |                                       |                     |                                       |
|             |                                   |                                       | <del></del>                           |                     | <del></del>                           |
| he oil ar   | nd gas industr                    | y have been                           | fully complie                         | d with and          | the statemen                          |
|             |                                   | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · · |                     |                                       |
| <del></del> |                                   | KCC                                   | Office Use                            | ONLY                |                                       |
| •           |                                   |                                       |                                       |                     |                                       |
|             |                                   | Letter of Confi                       |                                       |                     |                                       |
|             |                                   | If Denied, Yes                        |                                       |                     | <del></del>                           |
|             |                                   | Wireline Log F                        |                                       |                     |                                       |
|             |                                   | Geologist Rep                         | ort Received                          |                     |                                       |

\_ UIC Distribution

| 2/03/00                                 | 2/07/00                               |                       | 7/147/60                        | ~           | S             |
|---|---------------------------------------|-----------------------|---------------------------------|-------------|---------------|
| Spud Date or Recompletion Date          | Date Reached T                        |                       | nplettan Dete<br>completion Dal |             | @Barter_      |
| •                                       |                                       |                       | S                               |             | Calenty:      |
|   | · · · · · · · · · · · · · · · · · · · |                       | SS                              |             | <u> </u>      |
| INSTRUCTIONS: A                         | n original and two c                  | opies of this         | form shall be f                 | iled with t | the Kansas    |
| Kansas 67202, with                      |                                       |                       |                                 |             |               |
| Information of side to                  |                                       |                       |                                 |             |               |
| 107 for confidentiality TICKETS MUST BE |                                       |                       |                                 |             |               |
|   |                                       |                       |                                 |             |               |
| All requirements of the                 |                                       |                       | -                               | o regulat   | e the oil and |
| herein are complete ar                  | nd correct to the be                  | st of my know         | wledge.                         |             |               |
| Signature:                              | Uh                                    |                       |                                 |             |               |
| Geo                                     | logist                                |                       | May 15                          | . 200       | 0             |
| Title:                                  |                                       | Date:_                |                                 | ·           | <del></del>   |
| Subscribed and sworn                    | to before me this $\underline{1}$     | 5th <sub>day</sub> of | May                             |             |               |
| ж <sub>9</sub> х 2000                   | ,                                     |                       |                                 |             |               |
| <u>k</u>                                | pylene l                              | Dich                  | •                               |             |               |
| Notary Public:                          | ,                                     | LUV HOY               | ARY PUBLIC - Sta                | to of Years |               |
| Date Commission Expi                    | res: <u>8-17-03</u>                   | A                     | KAYLENE I                       |             | <u>'</u>      |
| / • •                                   | •                                     |                       | dy Appl. Exp                    | -17-0.5     | i.,           |
| <b>V</b>                                | '                                     |                       |                                 | ,           | -             |

4485

Plains

Operator Contact Person: Jeffrey L. Dale

\_X\_\_ New Well \_\_\_\_\_ Re-Entry \_\_\_\_ Workover

X ENHR \_\_\_\_ SIGW

\_ Re-perf.

If Workover/Re-entry: Old Well Info as follows:

Plug Back

754-3800

5675

Verde Oil Company

McPherson Drilling

\_\_\_Original Total Depth:\_\_\_\_

\_\_\_ Plug Back Total Depth

Conv. to Enhr./SWD

Jeffrey L. Dale

\_\_\_\_ SWD \_\_\_\_\_ SIOW \_\_\_\_\_Temp. Abd.

Other (Core, WSW, Expl., Cathodic, etc)

Docket No.

Docket No.

Docket No.

San Amtonio, TX

8700 Crownhill, #800

Operator: License # \_

Name:

Address: .

City/State/Zip:\_

Phone: (316 )

Contractor: Name:

Wellsite Geologist: \_

Designate Type of Completion:

Purchaser:\_

License:\_

\_\_\_ Oil

\_\_\_\_ Gas

Operator: \_\_\_\_
Well Name: \_

\_\_ Dry

Original Comp. Date:\_\_\_\_\_\_\_Deepening

\_\_\_\_\_ Commingled

\_\_\_\_ Dual Completion

\_\_\_ Other (SWD or Enhr.?)

| Operator Name:  | <u>Verde Oil</u>                            | Company  | Lease Nam                              | e: <u>Manso</u>  | n                      | _ Well #:              | 1,-10-6                       |
|---|---|--|--|------------------|------------------------|------------------------|-------------------------------|
| Sec. 29 Twp. 2  | 6_s. R. 20                                  | East West  | County:                                | Allen            |                        | -                      | *,                            |
| tested, time tool open<br>temperature, fluid reco             | and closed, tlowing<br>every, and flow rate | and base of formations p<br>g and shut-in pressures,<br>is if gas to surface test, a<br>final geological well site | whether shut-in<br>along with final cl | pressure reache  | d static level, hydro  | static pressu          | res, bottom hole              |
| Drill Stem Tests Taken (Attach Additional S                   |   | Yes No   |  | Log Forma        | ation (Top), Depth a   | nd Datum               | Sample                        |
| Samples Sent to Geole   | ogical Survey                               | Yes No   | Na                                     | ame              |                        | Тор                    | Datum                         |
| Cores Taken<br>Electric Log Run<br>(Submit Copy)              |   | Yes No   | T                                      | ıcker            |                        | 801'                   | +174'                         |
| List All E. Logs Run:  Gamma ray  locator                     | , neutron                                   | & casing col   | lar                                    |                  |                        |                        |                               |
|   |   | CASING<br>Report all strings set-c   |  | New Used         | ction, etc.            | ·                      |                               |
| Purpose of String   | Size Hole<br>Drilled                        | Size Casing<br>Set (In O.D.)   | Weight<br>Lbs. / Ft.                   | Setting<br>Depth | Type of<br>Cement      | # Sacks<br>Used        | Type and Percent<br>Additives |
| Surface   | 10-1/4"                                     | 7"   | 17.0                                   | 20'              | A                      | 5                      | none                          |
| Production  |   | 2-7/8"   | 6.4                                    | 882'             | A 50/50                | 115                    | 5% salt<br>2% gel             |
|   |   |  |  |                  |                        |                        | 5% gilsonit                   |
| Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone | Depth<br>Top Bottom                         | ADDITIONAL Type of Cement  | CEMENTING / SC<br>#Sacks Used          | DUEEZE RECOR     |                        | rcent Additives        | ;                             |
| Shots Per Foot  |   | N RECORD - Bridge Plugs<br>potage of Each Interval Perfo   |  |                  | acture, Shot, Cement S |                        |                               |
| 2   | 801 <b>'</b> – 8                            | <del></del>  | nateu                                  | <u> </u>         | 1. 15% HCL             |                        | 801 ' -                       |
|   |   |  |  | 200# 20          | 0/40  sand,            | 800#                   | 12/20                         |
|   | <del></del>                                 |  |  |                  | n 40 bbl.              |                        | 1                             |
|   |   |  |  | system           |                        |                        | 831'                          |
|   |   |  |  |                  |                        |                        |                               |
| TUBING RECORD<br>none   | Size  | Set At   | Packer At                              | Liner Run        | Yes No                 |                        |                               |
| ate of First, Resumed Pro                                     | duction, SWD or Enh                         | r. Producing Method  |  |                  | _inje                  | ction v                |                               |
| N/A - injec   |   |  | Flowin                                 |                  |                        |                        | r (Explain)                   |
| stimated Production<br>Per 24 Hours                           | Oil Bt                                      | ols. Gas M<br>N/A  | cf Wat                                 | er B<br>N/A      | bls. Gas               | -Oil Ratio             | Gravity                       |
| Pisposition of Gas  | METHOD OF CO                                | MPLETION   |  | Production Inter | val                    | <del>,</del> , <u></u> |                               |
| Vented Sold (If vented, Sumit )                               | Used on Lease                               | Open Hole Other (Specify)  |  | Dually Comp.     | Commingled             | 801' -                 | 831'                          |

# McPherson Drilling Drillers Log

# ORIGINAL

API NO.

15-001-

288260000

S T. R.

OPERATOR:

Verde Oil Co.

LOCATION: COUNTY:

Allen

ADDRESS:

Volue

8700 Crownbill, # 800 San Antonio, TX 78209

LEASE NAME:

COUNTY.

WELL NO.

1-10-6

Manson

**FOOTAGE LOCATION:** 

FROM THE

NORTH LINE

FROM THE

WEST LINE

PRINCIPLE CONTRACTOR:

MCPHERSON DRILLING

SPUD DATE:

2/3/00

COMPLETED DATE:

2/7/00

TOTAL DEPTH:

885 ft.

GEOLOGIST:

**Jeff Dale** 

| CA | SIN | G | RE | CO | RD |
|----|-----|---|----|----|----|

.....

SURFACE

SIZE HOLE:

SIZE CASING:

7

WEIGHT:

17# 20'

SETTING DEPTH: TYPE CEMENT:

Portland

9 7/8"

SACKS:

.4

**PRODUCTION** 

5 1/4"

2 1/2"

6.4#

Consolidated

**WELL LOG** 

| FORMATION  | TOP | воттом | FORMATION    | TOP | BOTTOM |  |
|------------|-----|--------|--------------|-----|--------|--|
| Soil       | 0   | 3      | Lime         | 415 | 420    |  |
| Lime       | 3   | 8      | shale (coal) | 420 | 425    |  |
| Shale      | 8   | 11     | Shale        | 425 | 461    |  |
| Lime       | 11  | 40     | Lime         | 461 | 480    |  |
| Shale/sand | 40  | 59     | Coal         | 480 | 484    |  |
| Lime       | 59  | 80     | Shale        | 484 | 486    |  |
| Coal       | 80  | 82     | Lime         | 486 | 491    |  |
| _ime       | 82  | 88     | Shale        | 491 | 501    |  |
| Shale      | 88  | 92     | Sandy shale  | 501 | 541    |  |
| .ime       | 92  | 134    | Lime         | 541 | 545    |  |
| ihale      | 134 | 235    | Shale        | 545 | 591    |  |
| Sandy Lime | 235 | 248    | Shale/sand   | 591 | 641    |  |
| hale/sand  | 248 | 270    | Oil sand     | 641 | 646    |  |
| ime        | 270 | 292    | Shale        | 646 | 695    |  |
| hale       | 292 | 295    | Oil sand     | 695 | 700    |  |
| ime        | 295 | 305    | Shale        | 700 | 721    |  |
| hale       | 305 | 391    | shale/sand   | 721 | 804    |  |
| ime        | 391 | 393    | Oil sand     | 804 | 836    |  |
| oal        | 393 | 397    | Sandy shale  | 836 | 847    |  |
| hale       | 397 | 400    | Shale        | 847 | 885 TD |  |
| ime        | 400 | 404    |              |     | ,,,    |  |
| andy lime  | 404 | 408    |              |     |        |  |
| me         | 408 | 411    |              |     |        |  |
| hale       | 411 | 415    |              |     |        |  |

COMMENTS

641 - 646 Strong odor 695 - 700 Strong odor

Core 805 - 840

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

#### TREATMENT REPORT

ORIGINAL
TICKET NUMBER 13058
LOCATION Chanate
FOREMAN During

| DATE   CUSTOMER ACCT #  | WELL NAME QTR/QTR   |   | RGE COUN            | TX FORMATION   |
|---|---|---|---------------------|--|
| X/7/200 8584 1  | Manson I 10+6   | 129 RG .  | 20 <b>0</b> x       | 92   |
| CHARGE TO Verde   | 0,-/  | OWNER   |                     |  |
| MAILING ADDRESS R. L. /   | Box 34  | OPERATOR  | aranda (            |  |
| C   |   |   | en and the contract |  |
| Savon burg  |   | CONTRACTOR  |                     |  |
| STATE 2.5   | ZIP CODE 66712  | DISTANCE TO LOCATION  |                     | STATE OF THE STATE |
| THE ADDIVED ON LOCATION   |   |   |                     | CONTRACTOR OF THE SECOND   |
| IME ARRIVED ON LOCATION WELL  | DATA  | TIME LEFT LOCATION  |                     |  |
| IOLE SIZE, 5/4  |   |   | TYPE OF TREATM      | ENT  |
| OTAL DEPTH 885  | Silva Marian de Carlo antique (a de Carlo de Car |   |                     |  |
| ASING SIZE 2 /2   | (   | [ ] SURFACE PIPE  |                     | [ ] ACID BREAKDOWN   |
| ASING DEPTH 682   | 1 BaFFle 872  | L PRODUCTION CA   | ASING               | [ ] ACID STIMULATION   |
| ASING WEIGHT  | [ ] SQUEEZE CEME  | NT  | [ ] ACID SPOTTING   |  |
| ASING CONDITION   | [ ] PLUG & ABANDO   |   | []FRAC              |  |
| UBING SIZE  |   | [ ] PLUG BACK   |                     | FRAC + NITROGEN  |
| JBING DEPTH   |   | [ ] MISC PUMP   |                     | []FOAM FRAC  |
| JBING WEIGHT JBING CONDITION  | ["] OTHÉR ~   | [] NITROGEN   |                     |  |
|   |   |   |                     | [ ] WI HOGEN   |
| CKER DEPTH  |   |   |                     | ·  |
| EDECDATIONS   | <b>建筑。在1000年,1000年,1000年</b>  | F   | PRESSURE LIMITAT    | <del></del>  |
| ERFORATIONS<br>HOTS/FT  |   | SURFACE PIPE  | THEORETICA          | AL INSTRUCTED  |
| PEN HOLE  |   | ANNULUS LONG STRING   |                     |  |
| REATMENT VIA  |   | TUBING  |                     |  |
|   |   | 0100  |                     |  |
| STRUCTIONS PRIOR TO JOB   | Cement Lo   | g StRing  |                     |  |
|   | <u> </u>  |   |                     |  |
| · · · · · · · · · · · · · · · · · · ·                                     |   |   |                     |  |
|   | JOB SUMM  | ARY   |                     |  |
| SCRIPTION OF JOB EVENTS   | Re Lilva Li   |   | ./ -                |  |
| 1 1: -  | Tran Wire h.  | Ac First To   | en /)no             | Recirculation  |
| mped 2 SK Ge  | 1 1-0/1 owed 184  | 3 Ball Pad 1.   | 1 (/aucel           | By (Bn // D)   |
|   | ( Followed By<br>Cement Pumped<br>ut pump and F   | 1/3 SK Cem  | en/- 70 G           | et Dye Back  |
| hen wished a  | ut pump and p   | umped Rubbs   | or Plug.            | to Bottom  |
|   | / /   |   |                     | •  |
|   |   | •   |                     |  |
|   |   |   |                     |  |
| Shut In   | 500 PST   |   |                     |  |
| PRESSURE S  | 500 PST   |   | TREATMENT RA        | TE   |
| PRESSURE SI   | 500 PST   | BREAKDOWN BPM   | TREATMENT RA        | TE   |
| PRESSURE SI<br>EAKDOWN or CIRCULATING<br>AL DISPLACEMENT                  | SOO PST  UMMARY  psi psi  | BREAKDOWN BPM<br>INITIAL BPM  | TREATMENT RA        | TE   |
| PRESSURE SI<br>EAKDOWN or CIRCULATING<br>AL DISPLACEMENT<br>NULUS         | 506 PST   | BREAKDOWN BPM   | TREATMENT RA        | TE   |
| PRESSURE SI EAKDOWN or CIRCULATING AL DISPLACEMENT NULUS XIMUM            | DSD DSD DSD DSI DSI DSI DSI DSI DSI DSI   | BREAKDOWN BPM INITIAL BPM FINAL BPM MINIMUM BPM MAXIMUM BPM             | TREATMENT RA        | TE   |
| PRESSURE SI EAKDOWN or CIRCULATING ALD DISPLACEMENT JULUS KIMUM IMUM RAGE | SOO PST  UMMARY  psi psi psi psi psi  | BREAKDOWN BPM<br>INITIAL BPM<br>FINAL BPM<br>MINIMUM BPM                | TREATMENT RA        | TE   |
| PRESSURE SI EAKDOWN or CIRCULATING AL DISPLACEMENT JULUS KIMUM            | SOO PST  UMMARY  psi psi psi psi psi psi psi psi  | BREAKDOWN BPM INITIAL BPM FINAL BPM MINIMUM BPM MAXIMUM BPM AVERAGE BPM | TREATMENT RA        | TE   |

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

CUSTOMER or AGENTS SIGNATURE

CUSTOMER or AGENT (PLEASE PRINT)

| ORIGINAL            |
|---------------------|
| TICKET NUMBER 12189 |
| LOCATION Channete   |

#### **FIELD TICKET**

| 2-7-200 CL                            | SSY WE ARSO       | LL NAME QTR/QTR     | SECTION TWP                           | RGE<br>20               | COUNTY<br>A 4               | FORMATION  |
|---------------------------------------|-------------------|---------------------|---------------------------------------|-------------------------|-----------------------------|--|
| <b>《新科学》的</b> 是是是有关的                  | Jerde eil         |                     | attendessational perm                 | No state of             |                             |  |
| MARIOZ TO E                           |                   | <del> </del>        | OWNER                                 | glaska ja               | ana ana ana ana ana an      | 20 Var. 18 Sept. 18 Co. 18 |
| AILING ADDRESS                        | R+1 Bex           | 34                  | OPERATOR                              | And A controlled to the | 1977 CANTAGARAN MAKAN MATAN |  |
|                                       |                   |                     |                                       | of Delivery             | CATCHICTARIA NESS           | io anticomo menos  |
| ITY & STATE                           | Savon Burg        | RS 66772            | CONTRACTOR                            |                         |                             |  |
| ACCOUNT                               | QUANTITY or UNITS |                     |                                       |                         | UNIT                        | TOTAL  |
| CODE                                  |                   | DESCRIPTION         | OF SERVICES OR PRODUC                 | CT                      | PRICE                       | AMOUNT   |
| 5401                                  | 1 60011           | PUMP CHARGE C       | ement Pung                            | Dev                     |                             | 475 05   |
| 5402                                  | 872 F             |                     |                                       |                         |                             | 87.00  |
|                                       |                   | HYDRAULIC HORSE POV | VER                                   |                         |                             |  |
| 4402                                  | 1                 | 2 1/2 Ru            | Sher Plua                             |                         |                             | 1500   |
| 1118                                  | 45K               | Prem G              | bber Plag                             | ent                     |                             | 4200   |
|                                       | B                 | 2 Ahead             | 1 of Joh                              |                         |                             |  |
| 1///                                  | 6 SK 300          | 地 Salt              | · · · · · · · · · · · · · · · · · · · |                         |                             | 6000   |
| (ic                                   | 10 SK             | Gilsonit            | -                                     |                         |                             | 175 0  |
|                                       |                   |                     |                                       |                         | <u> </u>                    |  |
|                                       | 31 to.            |                     | · · · · · · · · · · · · · · · · · · · | manage and an           | *                           |  |
|                                       |                   |                     |                                       |                         |                             |  |
|                                       |                   |                     |                                       |                         |                             |  |
|                                       |                   |                     |                                       | *****                   |                             |  |
|                                       |                   |                     |                                       |                         |                             |  |
|                                       |                   |                     |                                       |                         |                             |  |
|                                       |                   |                     |                                       |                         |                             |  |
|                                       |                   |                     |                                       |                         |                             |  |
|                                       |                   |                     |                                       |                         |                             |  |
|                                       |                   |                     |                                       |                         |                             |  |
| · · · · · · · · · · · · · · · · · · · |                   |                     | <u></u> .                             |                         |                             |  |
|                                       |                   | STAND BY TIME       |                                       |                         |                             |  |
|                                       |                   | MILEAGE             |                                       |                         | ****                        |  |
|                                       |                   | WATER TRANSPORTS    |                                       |                         |                             |  |
| 5502                                  | 2,5 Kr            | VACUUM TRUCKS       |                                       |                         |                             | 127 50   |
| <del></del>                           | 213 11            | FRAC SAND           |                                       |                         |                             | 137,50   |
|                                       |                   | I TAC SAIND         |                                       |                         |                             |  |
| 124                                   | 115               | CEMENT 50 - 5       | 50 2% 6e1                             | <i>r</i>                |                             | \$ 33 25   |
| <u> </u>                              | 1,7,5             | JULIVIENT JULIUS    | 0 ~ 70 Ge7                            |                         |                             | 833 25   |
|                                       |                   | NITROCEN            | <del>}</del>                          |                         | 7.1                         | 7150   |
| 407                                   | 16 M;             | NITROGEN            |                                       |                         | Text                        | 1250   |
| O #15097                              | / 3 ///           | TON-MILES Deli      | very                                  |                         |                             | 125  |

DATE

11000668



## ORIGINAL OILFIELD RESEARCH LABORATORIES

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

February 22, 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-10-6. Located in 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 February 7, 2000.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Alan M. Dunning

AMD: td

3 c: San Antonio, TX

2 c: Jeff Dale

Rt. 1, Box 34

Savonburg, KS 66772

- REGISTERED ENGINEERS -

### <u>LOG</u>

## Company Verde Oil Company Lease Manson Well No. I-10-6

### Bartlesville Sandstone

| Depth Interval, Feet | Description  |
|----------------------|--|
| 805.0 - 806.0        | Sandstone, brown, with widely scattered shale partings and inclusions.   |
| 806.0 - 806.4        | Sandstone, brown, with scattered shale partings and coal inclusions.     |
| 806.4 - 808.9        | Sandstone, brown, with widely scattered shale inclusions.                |
| 808.9 - 809.2        | Shale, gray.   |
| 809.2 - 810.0        | Sandstone, brown.  |
| 810.0 - 815.0        | Sandstone, brown, with widely scattered shale partings and nodules.      |
| 815.0 - 815.3        | Sandstone, grayish brown, shaly, with scattered shale and coal partings. |
| 815.3 – 816.7        | Sandstone, brown.  |
| 816.7 – 818.0        | Sandstone, brown, with widely scattered shale nodules.                   |
| 818.0 - 818.7        | Shale, gray.   |
| 818.7 – 822.0        | Sandstone, grayish brown.  |
| 822.0 - 825.0        | Sandstone, grayish brown, with widely scattered shale nodules.           |
| 825.0 - 828.0        | Sandstone, grayish brown.  |
| API# 15-001-28826    | 5-00-00  |

## OILFIELD RESEARCH LABORATORIES

RESULTS OF SATURATION & PERMEABILITY TESTS

Company: Verde Oil Company Lease: Manson Well No. I-10-6

| Sample | Depth, | Porosity | Perc | ent Satur | ation | Oil Content   | Permeability |
|--------|--------|----------|------|-----------|-------|---------------|--------------|
| No.    | Feet   | Percent  | Oil  | Water     | Total | Bbls. / A.Ft. | Millidarcys  |
| 1      | 805.5  | 20.3     | 34   | 30        | 64    | 535           | 403.         |
| 2      | 806.6  | 22.3     | 33   | 29        | 62    | 571           | 672.         |
| 3      | 807.5  | 21.5     | 36   | 32        | 68    | 600           | 443.         |
| 4      | 808.5  | 22.0     | 42   | 28        | 70    | 717           | 532.         |
| 5      | 809.5  | 21.7     | 37   | 28        | 65    | 623           | 664.         |
| 6      | 810.5  | 21.3     | 36   | 28        | 64    | 595           | 569.         |
| 7      | 811.5  | 22.2     | 40   | 31        | 71    | 689           | 231.         |
| 8      | 812.5  | 20.9     | 40   | 28        | 68    | 649           | 432.         |
| 9      | 813.5  | 20.2     | 40   | 28        | 68    | 627           | 453.         |
| 10     | 814.5  | 21.5     | 35   | 39        | 74    | 584           | 434.         |
| 11     | 815.6  | 19.4     | 40   | 33        | 73    | 602           | 127.         |
| 12     | 816.5  | 19.2     | 39   | 32        | 71    | 581           | 118.         |
| 13     | 817.5  | 17.8     | 41   | 40        | 81    | 566           | 25.          |
| 14     | 819.5  | 18.7     | 32   | 38        | 70    | 464           | 72.          |
| 15     | 820.5  | 18.3     | 37   | 36        | 73    | 525           | 42.          |
| 16     | 821.5  | 18.1     | 32   | 42        | 74    | 449           | 51.          |
| 17     | 822.5  | 18.0     | 36   | 40        | 76    | 503           | 40.          |
| 18     | 823.5  | 18.1     | 31   | 43        | 74    | 435           | 34.          |
| 19     | 824.6  | 17.9     | 34   | 40        | 74    | 472           | 38.          |
| 20     | 825.6  | 16.9     | 25   | 49        | 74    | 328           | 20.          |
| 21     | 826.6  | 19.5     | 30   | 40        | 70    | 454           | 107.         |
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