

CONFIDENTIAL

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MAY 25 2004

Form ACO-1

September 1999

Form Must Be Typed

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM

KCC WICHITA

WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

Operator: License # 5447
Name: OXY USA Inc.
Address: P.O. Box 2528
City/State/Zip: Liberal, KS 67905
Purchaser: NA
Operator Contact Person: Vicki Carder
Phone: (620) 629-4200
Contractor: Name: Murfin Drilling Co., Inc.
License: 30606
Wellsite Geologist: Tom Heflin
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: _____

API No. 15 - 067-21554-0000
County: Grant
SE - NE - SW - SW Sec 28 Twp. 27 S. R. 35W
712 feet from N (circle one) Line of Section
1297 feet from E W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Ackerman A Well #: 1
Field Name: _____
Producing Formation: NA
Elevation: Ground: 3081 Kelly Bushing: 3092
Total Depth: 5780 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 1745 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

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. _____
03/09/04 03/17/04 3-19-04
Spud Date or Date Reached TD Completion Date or Recompletion Date

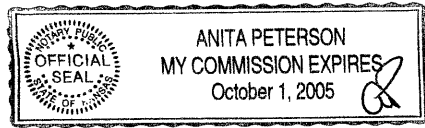
Drilling Fluid Management Plan ALTI P&A with
(Data must be collected from the Reserve Pit) 2-23-02
Chloride content 2200mg/l ppm Fluid volume 1700 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp, _____ S. R. East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 6702, 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: Vicki Carder
Title: Capital Projects Date May 19, 2004
Subscribed and sworn to before me this 19th day of May
20 04
Notary Public: Anita Peterson
Date Commission Expires: Oct. 1, 2005

KCC Office Use Only
yes Letter of Confidentiality Attached
If Denied, Yes Date: _____
_____ Wireline Log Received
_____ Geologist Report Received
_____ UIC Distribution



X

ORIGINAL

Side Two

Operator Name: OXY USA Inc. Lease Name: Ackerman A Well #: 1
Sec. 28 Twp. 27 S. R. 35W East West County: Grant

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 [X] Yes [] No [X] Log Formation (Top), Depth and Datum [] Sample
Name Cherokee Top Datum 4809 -1717
Marmaton 4654 -1562
Lansing 4029 -937
Morrow 5162 -2070
Atoka 5078 -1986
Heebner 3981 -889
Chester 5380 -2288
St. Gen 5505 -2413
St. Louis 5609 -2517

CASING RECORD [X] New [] Used
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: 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

ADDITIONAL CEMENTING / SQUEEZE RECORD

Table with columns: Purpose (Perforate, Protect Casing, Plug Back TD, Plug off Zone), Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives

PERFORATION RECORD - Bridge Plugs Set/type Specify Footage of Each Interval Perforated
Table with columns: Shots Per Foot, Footage, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used), Depth

TUBING RECORD
Table with columns: Size, Set At, Packer At, Liner Run [] Yes [X] No

Date of First, Resumed Production, SWD or Enhr. Producing Method [] Flowing [] Pumping [] Gas Lift [X] Other (Explain) Dry Hole

Estimated Production Per 24 Hours
Table with columns: Oil BbLS, Gas Mcf, Water Bbils, Gas-Oil Ratio, Gravity

Disposition of Gas [] Vented [] Sold [X] Used on Lease (If vented, Submit ACO-18)
METHOD OF COMPLETION [] Open Hole [] Perf. [] Dually Comp. [] Commingled [X] Other (Specify) P&A
Production Interval

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 5/25/04
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Service Order

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2004-May-20

| | | | | | | | | | | | | | | | | |
|-------------------------------------|--|---|-----------------------------------|---------------------------------|---|---|--------------------|----------------------------|--------------------------|------------------------------|--|--------------|--|----------------------|--|--|
| Customer OXY USA, INC. | | Person Taking Call Sola Lasisi, Tajudeen | | Dowell Location Perryton, TX | | Order Date 2004-Mar-18 | | Job Number 2205544763 | | | | | | | | |
| Well Name and Number ACKERMAN A1 | | | Legal Location SEC 28-T27S-R35 | | Field | | County GRANT CO | | State/Province KANSAS | | | | | | | |
| Well Master: 0630579098 | | | API / UWI: | | | | | | | | | | | | | |
| Rig Name | | | Well Age New | | Sales Engineer Cambren, Charles | | | Job Type Plug & Abandon | | | | | | | | |
| Time Well Ready: | | Deviation | | Bit Size 7.88 in | | Well MD 5,725 ft | | Well TVD 5,725 ft | | BHP psi | | | | | | |
| | | | | | | | | | | BHST 120 °F | | | | | | |
| | | | | | | | | | | BHCT 98 °F | | | | | | |
| Treat Down Casing | | Packer Type | | Packer Depth ft | | Wellhead Connection 4 1/2" XH DP pin | | MHP on Location | | Max Allowed Pressure 2000 | | | | | | |
| | | | | | | | | | | | | | | | | |
| Casing | | | | | Services Instructions: PLUG AND ABANDON WELL WITH: 225 SKS 40/80 POZ C+6%D20 +0.25PPSD29 | | | | | | | | | | | |
| Depth, ft | | Size, in | | Weight, lb/ft | | | | | | | | Grade | | Thread | | |
| 5725 | | | | | | | | | | | | | | | | |
| Tubing | | | | | Extra Equipment: 1 PUMP 1 ABT 1 CEMCAT | | | | | | | | | | | |
| Depth, | | Size, in | | Weight, lb/ft | | | | | | | | Grade | | Thread | | |
| | | 4.5 | | | | | | | | | | | | | | |
| Perforated Intervals | | | | | | | | | | | | | | | | |
| Top, ft | | Bottom, ft | | spf | | | | | | | | No. of Shots | | Total Interval ft | | |
| | | | | | | | | | | | | | | Diameter in | | |
| Expected On Location: | | | | | Ready To Pump: | | | | | | | | | | | |

| Contact | Voice | Mobile | FAX | Notes |
|--------------|--------------|--------|-----|-------|
| WES WILLIMON | 620-855-1181 | | | |
| GREG FILLPOT | 620-353-8669 | | | |

Notes:
 TAKE 4 1/2 XH DP PIN

Directions:
 SUBLETTE, NORTH ON HWY 83 TO FEED LOT (JCT HWY160)===WEST ON HWY 160 TO HICKOK, 7 MILES NORTH ON BLACKTOP ROAD TO HITCH FEEDERS ROAD, 4 MILES EAST ON HITCH FEEDERS ROAD====SOUTH & EAST INTO LOCATION

Other Notes:
 FOLLOW ALL CONVOY POLICIES AND BE SAFE!!!

Comments:

PLUG WELL WITH:
100 SKS @ 3150'
50 SKS @ 1750'
40 SKS @ 750'
10 SKS @ 40'
15 SKS RAT

Fluid Systems:

| CEMENT | | | |
|--|--------------------------|------------------|-----------|
| 225 SKS 40/60 POZ CLASS C + 6%D20 + 0.25 PPS D29 | | | |
| Density: | 13.6 lb/gal | Thickening Time: | |
| Yield: | 1.55 ft ³ /sk | | |
| H2O Mix: | 7.832 gal/sk | | |
| H2O: | 1762.2 gal | Eq. Sack Weight: | 88 lb |
| | | Total Blend: | 225 sacks |
| Component | Conc./Amount | Total Weight | |
| D20 | 5.28 lbs/sk | 1168 | |
| POZ | 31.6 lbs/sk | 7110 | |
| CLASS C | 56.4 lbs/sk | 12690 | |
| D29 | 0.25 lbs/sk | 56.25 | |

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| | | | | | | | | | | | |
|--|-----------------------------------|---|--------------------------------------|--------------------------------------|--|---------------------------------------|---------------------|--------------------------------|---|--------------|------------------------------|
| Customer OXY USA, INC. | | | | | | Job Number 2205544763 | | | | | |
| Well ACKERMAN A1 | | | Location (legal) SEC 28-T27S-R35W | | | Schlumberger Location Perryton, TX | | | Job Start 2004-Mar-19 | | |
| Field | | Formation Name/Type | | | Deviation | | Bit Size | Well MD | Well TVD | | |
| | | | | | | | 7.88 in | 5,725 ft | 5,725 ft | | |
| County GRANT CO | | State/Province KANSAS | | | BHP psi | BHST 120 °F | BHCT 98 °F | Pore Press. Gradient psi/ft | | | |
| Well Master: 0630579098 | | API / UWI: | | | Casing/Liner | | | | | | |
| Rig Name | Drilled For Oil & Gas | | Service Via | | | Depth, ft | Size, in | Weight, lb/ft | Grade | Thread | |
| | | | | | | | | | | | |
| Offshore Zone | Well Class New | | Well Type Development | | | Tubing/Drill Pipe | | | | | |
| Drilling Fluid Type | | Max. Density lb/gal | Plastic Vi: cp | Depth, | Size, in | Weight, lb/ft | Grade | Thread | | | |
| | | | | 3150 | 4.5 | 16.6 | | | | | |
| Service Line Cementing | | Job Type Plug & Abandon | | | Perforations/Open Hole | | | | | | |
| Max. Allowed Tubing Pressure 2000 psi | Max. Allowed Ann. Pressure psi | WellHead Connection 4 1/2" XH DP pin | | | Top, ft | Bottom, ft | spf | No. of Shots | Total Interval ft | | |
| | | | | | | | | | | | |
| Service Instructions PLUG AND ABANDON WELL WITH: 225 SKS 40/60 POZ C+6%D20 +0.25PPSD29 | | | | | | | | | Diameter in | | |
| | | | | | Treat Down Casing | Displacement bbl | Packer Type | Packer Depth ft | | | |
| | | | | | Tubing Vol. bbl | Casing Vol. bbl | Annular Vol. bbl | OpenHole Vol bbl | | | |
| Casing/Tubing Secured <input checked="" type="checkbox"/> | | 1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/> | | | Casing Tools | | | Squeeze Job | | | |
| Lift Pressure: psi | | Pipe Rotated <input type="checkbox"/> | | | Pipe Reciprocated <input type="checkbox"/> | | | Shoe Type: | | Squeeze Type | |
| | | | | | | | | Shoe Depth: ft | | Tool Type: | |
| No. Centralizers: | | Top Plugs: | 1 | Bottom Plugs: | 1 | Stage Tool Type | | Tool Depth: ft | | | |
| Cement Head Type: | | Stage Tool Depth: ft | | Tail Pipe Size: in | | Collar Type: | | Tail Pipe Depth: ft | | | |
| Job Scheduled For: | | Arrived on Location: 2004-Mar-19 6:20 | | Leave Location: 2004-Mar-19 12:00 | | Collar Depth: ft | | Sqz Total Vol: bbl | | | |
| Date | Time | Treating Pressure psi | Flow Rate bbl/min | CMT DENS lb/gal | Volume bbl | 0 | 0 | 0 | Message | | |
| | 24 hr clock | | | | | 0 | 0 | 0 | | | |
| 2004-Mar-19 | 7:46 | 0 | 0.0 | 8.60 | 0.0 | 0 | 0 | 0 | | | |
| 2004-Mar-19 | 7:46 | | | | | | | | Start Job | | |
| 2004-Mar-19 | 7:46 | -5 | 0.0 | 8.63 | 0.0 | 0 | 0 | 0 | RECEIVED MAY 25 2004 KCC WICHITA | | |
| 2004-Mar-19 | 7:46 | -5 | 0.0 | 8.52 | 0.0 | 0 | 0 | 0 | | | |
| 2004-Mar-19 | 7:47 | 46 | 2.6 | 8.47 | 0.1 | 0 | 0 | 0 | | | |
| 2004-Mar-19 | 7:47 | 37 | 3.9 | 8.59 | 2.0 | 0 | 0 | 0 | | | |
| 2004-Mar-19 | 7:48 | 284 | 3.9 | 8.56 | 3.9 | 0 | 0 | 0 | | | |
| 2004-Mar-19 | 7:48 | 275 | 4.0 | 8.55 | 5.9 | 0 | 0 | 0 | | | |
| 2004-Mar-19 | 7:49 | 288 | 4.0 | 8.57 | 7.9 | 0 | 0 | 0 | | | |
| 2004-Mar-19 | 7:49 | 307 | 4.0 | 8.56 | 10.0 | 0 | 0 | 0 | | | |
| 2004-Mar-19 | 7:49 | | | | | | | | | | Reset Total, Vol = 10.28 bbl |
| 2004-Mar-19 | 7:49 | 302 | 4.0 | 8.58 | 10.3 | 0 | 0 | 0 | | | Start Cement Slurry |
| 2004-Mar-19 | 7:49 | 311 | 4.0 | 8.78 | 0.1 | 0 | 0 | 0 | | | |
| 2004-Mar-19 | 7:50 | 339 | 4.0 | 9.91 | 1.5 | 0 | 0 | 0 | | | |
| 2004-Mar-19 | 7:50 | 352 | 4.0 | 11.15 | 3.5 | 0 | 0 | 0 | | | |
| 2004-Mar-19 | 7:51 | 348 | 4.0 | 11.91 | 5.5 | 0 | 0 | 0 | | | |
| 2004-Mar-19 | 7:51 | 330 | 4.0 | 12.48 | 7.5 | 0 | 0 | 0 | | | |
| 2004-Mar-19 | 7:52 | 302 | 4.1 | 12.85 | 9.5 | 0 | 0 | 0 | | | |
| 2004-Mar-19 | 7:52 | 275 | 4.1 | 13.08 | 11.6 | 0 | 0 | 0 | | | |
| 2004-Mar-19 | 7:53 | 256 | 4.2 | 13.11 | 13.7 | 0 | 0 | 0 | | | |
| 2004-Mar-19 | 7:53 | 229 | 4.2 | 13.07 | 15.8 | 0 | 0 | 0 | | | |

| Well | | Field | | | Service Date | | Customer | | Job Number |
|--------------|-------------|-------------------|-----------|----------|--------------|---|---------------|---|------------------------------|
| ACKERMAN #A1 | | | | | 0479-Mar-19 | | OXY USA, INC. | | 2205544763 |
| Date | Time | Treating Pressure | Flow Rate | CMT DENS | Volume | 0 | 0 | 0 | Message |
| | 24 hr clock | psi | bbl/min | lb/gal | bbl | 0 | 0 | 0 | |
| 2004-Mar-19 | 7:54 | 201 | 4.3 | 13.57 | 18.0 | 0 | 0 | 0 | |
| 2004-Mar-19 | 7:54 | 183 | 4.3 | 13.75 | 20.1 | 0 | 0 | 0 | |
| 2004-Mar-19 | 7:55 | 165 | 4.4 | 13.25 | 22.3 | 0 | 0 | 0 | |
| 2004-Mar-19 | 7:55 | 137 | 4.4 | 13.25 | 24.5 | 0 | 0 | 0 | |
| 2004-Mar-19 | 7:56 | 105 | 4.3 | 12.49 | 26.7 | 0 | 0 | 0 | |
| 2004-Mar-19 | 7:56 | | | | | | | | End Cement Slurry |
| 2004-Mar-19 | 7:56 | 96 | 4.3 | 10.98 | 27.1 | 0 | 0 | 0 | |
| 2004-Mar-19 | 7:56 | 92 | 4.3 | 10.80 | 27.2 | 0 | 0 | 0 | |
| 2004-Mar-19 | 7:56 | | | | | | | | Reset Total, Vol = 27.20 bbl |
| 2004-Mar-19 | 7:56 | 64 | 2.4 | 10.68 | 0.2 | 0 | 0 | 0 | |
| 2004-Mar-19 | 7:56 | | | | | | | | Start Displacement |
| 2004-Mar-19 | 7:56 | | | | | | | | Start Pumping Water |
| 2004-Mar-19 | 7:56 | 55 | 2.2 | 10.63 | 0.2 | 0 | 0 | 0 | |
| 2004-Mar-19 | 7:56 | 23 | 2.2 | 9.72 | 0.9 | 0 | 0 | 0 | |
| 2004-Mar-19 | 7:57 | 50 | 2.2 | 8.99 | 2.0 | 0 | 0 | 0 | |
| 2004-Mar-19 | 7:57 | 27 | 2.2 | 8.85 | 3.1 | 0 | 0 | 0 | |
| 2004-Mar-19 | 7:58 | 50 | 3.6 | 8.88 | 4.3 | 0 | 0 | 0 | |
| 2004-Mar-19 | 7:58 | 50 | 2.0 | 8.89 | 5.6 | 0 | 0 | 0 | |
| 2004-Mar-19 | 7:58 | 50 | 2.0 | 8.89 | 5.6 | 0 | 0 | 0 | |
| 2004-Mar-19 | 7:58 | | | | | | | | End Water |
| 2004-Mar-19 | 7:58 | 50 | 2.0 | 8.89 | 5.7 | 0 | 0 | 0 | |
| 2004-Mar-19 | 7:58 | | | | | | | | Start Pumping Mud |
| 2004-Mar-19 | 7:59 | 46 | 2.0 | 8.91 | 6.6 | 0 | 0 | 0 | |
| 2004-Mar-19 | 7:59 | 50 | 1.6 | 9.27 | 7.3 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:00 | 50 | 1.5 | 9.39 | 8.1 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:00 | 50 | 2.0 | 9.41 | 8.8 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:01 | 32 | 1.6 | 9.43 | 9.7 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:01 | 32 | 1.6 | 9.43 | 10.5 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:02 | -14 | 0.0 | 9.43 | 10.8 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:02 | | | | | | | | End Mud |
| 2004-Mar-19 | 8:02 | | | | | | | | End Displacement |
| 2004-Mar-19 | 8:02 | -14 | 0.0 | 9.43 | 10.8 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:02 | -14 | 0.0 | 9.44 | 10.8 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:02 | | | | | | | | Reset Total, Vol = 10.81 bbl |
| 2004-Mar-19 | 8:49 | 0 | 0.0 | 8.61 | 0.0 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:50 | 46 | 3.5 | 8.54 | 0.9 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:50 | 50 | 3.5 | 8.51 | 2.7 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:51 | 206 | 3.2 | 8.48 | 4.3 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:51 | 201 | 3.1 | 8.46 | 5.9 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:52 | 211 | 3.1 | 8.45 | 7.4 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:52 | 224 | 3.1 | 8.45 | 9.0 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:53 | 229 | 3.1 | 8.44 | 10.5 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:53 | 224 | 3.1 | 9.21 | 12.1 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:53 | 224 | 3.1 | 10.59 | 13.1 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:53 | | | | | | | | Reset Total, Vol = 13.12 bbl |
| 2004-Mar-19 | 8:54 | | | | | | | | Start Cement Slurry |
| 2004-Mar-19 | 8:54 | 220 | 3.1 | 11.08 | 0.5 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:54 | 229 | 3.2 | 11.13 | 0.5 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:54 | 211 | 3.3 | 12.46 | 2.1 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:55 | 197 | 3.3 | 13.27 | 3.8 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:55 | 174 | 3.4 | 12.93 | 5.5 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:56 | 146 | 3.4 | 13.24 | 7.2 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:56 | 119 | 3.5 | 13.04 | 8.9 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:57 | 87 | 3.5 | 13.03 | 10.7 | 0 | 0 | 0 | |

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| Well | | Field | | | Service Date | | Customer | | Job Number |
|--------------|-------------|-------------------|-----------|----------|--------------|---|---------------|---|------------------------------|
| ACKERMAN #A1 | | | | | 0479-Mar-19 | | OXY USA, INC. | | 2205544763 |
| Date | Time | Treating Pressure | Flow Rate | CMT DENS | Volume | 0 | 0 | 0 | Message |
| | 24 hr clock | psi | bbl/min | lb/gal | bbl | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:57 | 78 | 3.5 | 13.03 | 12.4 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:57 | | | | | | | | End Cement Slurry |
| 2004-Mar-19 | 8:57 | 60 | 3.5 | 10.63 | 13.6 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:58 | | | | | | | | Reset Total, Vol = 13.50 bbl |
| 2004-Mar-19 | 8:58 | 60 | 3.5 | 10.48 | 13.7 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:58 | 60 | 3.5 | 10.28 | 0.1 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:58 | | | | | | | | Start Displacement |
| 2004-Mar-19 | 8:58 | 60 | 3.5 | 10.20 | 0.2 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:58 | | | | | | | | Start Pumping Water |
| 2004-Mar-19 | 8:58 | 37 | 3.5 | 9.86 | 0.5 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:58 | 37 | 3.5 | 8.73 | 2.2 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:59 | 37 | 3.5 | 8.56 | 3.9 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:59 | | | | | | | | Start Pumping Mud |
| 2004-Mar-19 | 8:59 | 41 | 3.5 | 8.56 | 5.3 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:59 | 37 | 3.5 | 8.54 | 5.3 | 0 | 0 | 0 | |
| 2004-Mar-19 | 8:59 | | | | | | | | End Water |
| 2004-Mar-19 | 8:59 | 46 | 3.5 | 8.50 | 5.7 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:00 | 46 | 3.5 | 9.12 | 7.4 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:00 | 46 | 3.5 | 9.32 | 9.2 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:01 | 46 | 3.5 | 9.36 | 11.0 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:01 | 46 | 3.5 | 9.36 | 12.8 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:02 | 46 | 3.5 | 9.09 | 14.5 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:02 | 55 | 3.6 | 8.50 | 16.3 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:03 | -14 | 0.0 | 8.45 | 17.0 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:03 | -5 | 0.0 | 8.45 | 17.0 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:04 | -5 | 0.0 | 8.45 | 17.0 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:04 | -5 | 0.0 | 8.52 | 17.0 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:05 | -5 | 0.0 | 8.91 | 17.0 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:05 | -5 | 0.0 | 9.01 | 17.0 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:06 | -5 | 0.0 | 8.93 | 17.0 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:06 | | | | | | | | End Mud |
| 2004-Mar-19 | 9:06 | -9 | 0.0 | 8.92 | 17.0 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:06 | | | | | | | | End Displacement |
| 2004-Mar-19 | 9:06 | -5 | 0.0 | 8.92 | 17.0 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:06 | -5 | 0.0 | 8.94 | 17.0 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:06 | | | | | | | | Reset Total, Vol = 17.03 bbl |
| 2004-Mar-19 | 9:37 | 37 | 3.1 | 8.47 | 0.9 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:37 | 50 | 3.1 | 8.47 | 2.4 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:38 | 69 | 3.1 | 8.46 | 4.0 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:38 | 92 | 3.7 | 9.78 | 5.5 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:39 | 114 | 4.0 | 12.15 | 7.5 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:39 | 96 | 4.1 | 13.03 | 9.5 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:39 | 92 | 4.1 | 13.23 | 10.4 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:39 | | | | | | | | Reset Total, Vol = 10.42 bbl |
| 2004-Mar-19 | 9:39 | | | | | | | | Start Cement Slurry |
| 2004-Mar-19 | 9:39 | 82 | 4.1 | 13.31 | 0.2 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:40 | 64 | 4.2 | 13.62 | 1.1 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:40 | 60 | 4.2 | 13.16 | 3.2 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:41 | 64 | 4.2 | 13.45 | 5.3 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:41 | 64 | 4.2 | 13.46 | 7.4 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:42 | 64 | 4.2 | 13.47 | 9.6 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:42 | 46 | 4.2 | 11.46 | 10.4 | 0 | 0 | 0 | |
| 2004-Mar-19 | 9:42 | | | | | | | | Reset Total, Vol = 10.40 bbl |
| 2004-Mar-19 | 9:42 | 41 | 4.2 | 12.15 | 10.6 | 0 | 0 | 0 | |

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| Well | | Field | | | Service Date | | Customer | | | Job Number |
|--------------|-------------|-------------------|-----------|----------|--------------|---|---------------|---|-----------------------------|------------|
| ACKERMAN #A1 | | | | | 0479-Mar-19 | | OXY USA, INC. | | | 2205544763 |
| Date | Time | Treating Pressure | Flow Rate | CMT DENS | Volume | 0 | 0 | 0 | Message | |
| | 24 hr clock | psi | bbl/min | lb/gal | bbl | 0 | 0 | 0 | | |
| 2004-Mar-19 | 9:42 | | | | | | | | End Cement Slurry | |
| 2004-Mar-19 | 9:42 | | | | | | | | Reset Total, Vol = 0.28 bbl | |
| 2004-Mar-19 | 9:42 | 41 | 4.2 | 12.14 | 10.7 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 9:42 | | | | | | | | Start Displacement | |
| 2004-Mar-19 | 9:42 | 41 | 4.2 | 11.29 | 0.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 9:42 | 41 | 4.2 | 9.93 | 0.9 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 9:43 | 32 | 4.2 | 9.66 | 3.0 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 9:43 | -18 | 0.0 | 8.67 | 4.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 9:44 | -18 | 0.0 | 8.61 | 4.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 9:44 | -9 | 0.0 | 8.64 | 4.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 9:45 | -5 | 0.0 | 8.61 | 4.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 9:45 | -9 | 0.0 | 8.86 | 4.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 9:45 | | | | | | | | Reset Total, Vol = 4.10 bbl | |
| 2004-Mar-19 | 9:45 | -9 | 0.0 | 8.86 | 4.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 9:46 | -9 | 0.0 | 8.71 | 4.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 9:46 | -9 | 0.0 | 8.96 | 4.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 9:47 | -9 | 0.0 | 8.92 | 4.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 9:47 | -5 | 0.0 | 8.73 | 4.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 9:48 | -9 | 0.0 | 8.63 | 4.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 9:48 | -5 | 0.0 | 8.58 | 4.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 9:49 | -9 | 0.0 | 8.56 | 4.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 9:49 | -9 | 0.0 | 8.53 | 4.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 9:50 | -9 | 0.0 | 8.53 | 4.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 9:50 | | | | | | | | End Displacement | |
| 2004-Mar-19 | 9:50 | -9 | 0.0 | 8.52 | 4.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:38 | -5 | 0.0 | 8.44 | 4.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:38 | -5 | 0.0 | 8.44 | 4.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:39 | -5 | 0.0 | 8.44 | 4.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:39 | 0 | 0.0 | 8.66 | 4.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:40 | -5 | 0.0 | 8.60 | 4.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:40 | -5 | 0.0 | 9.92 | 4.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:41 | 0 | 0.0 | 12.61 | 4.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:41 | -5 | 0.0 | 13.11 | 4.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:42 | 50 | 4.0 | 13.11 | 4.5 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:42 | 69 | 4.0 | 13.08 | 6.5 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:43 | -14 | 0.0 | 13.51 | 7.7 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:43 | -14 | 0.0 | 10.09 | 7.7 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:44 | -9 | 0.0 | 12.21 | 7.7 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:44 | 55 | 0.0 | 13.19 | 7.7 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:45 | 55 | 0.0 | 13.36 | 7.7 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:45 | -14 | 0.0 | 13.26 | 7.7 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:46 | -9 | 0.0 | 13.20 | 7.7 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:46 | | | | | | | | Reset Total, Vol = 3.59 bbl | |
| 2004-Mar-19 | 10:46 | -9 | 0.0 | 13.20 | 7.7 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:46 | -9 | 0.0 | 13.22 | 7.7 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:47 | -5 | 0.0 | 13.22 | 7.7 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:47 | -5 | 0.0 | 13.22 | 7.7 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:48 | -5 | 0.0 | 13.21 | 7.7 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:48 | 41 | 3.0 | 13.18 | 7.7 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:49 | 41 | 2.8 | 13.17 | 7.9 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:49 | -14 | 0.0 | 13.23 | 9.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:50 | -9 | 0.0 | 12.54 | 9.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:50 | -5 | 0.0 | 11.72 | 9.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:51 | 0 | 0.0 | 13.01 | 9.1 | 0 | 0 | 0 | | |

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| Well | | Field | | | Service Date | | Customer | | Job Number | |
|--------------|-------------|-------------------|-----------|----------|--------------|---|---------------|---|-----------------------------|--|
| ACKERMAN #A1 | | | | | 0479-Mar-19 | | OXY USA, INC. | | 2205544763 | |
| Date | Time | Treating Pressure | Flow Rate | CMT DENS | Volume | 0 | 0 | 0 | Message | |
| | 24 hr clock | psi | bbbl/min | lb/gal | bbbl | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:51 | -5 | 0.0 | 13.22 | 9.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:52 | 41 | 0.8 | 13.13 | 9.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:52 | 50 | 3.1 | 13.08 | 9.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:53 | 0 | 0.0 | 13.88 | 9.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:53 | 0 | 0.0 | 8.57 | 9.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:54 | 0 | 0.0 | 9.37 | 9.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:54 | 0 | 0.0 | 9.30 | 9.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:55 | 0 | 0.0 | 9.34 | 9.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:55 | 0 | 0.0 | 9.34 | 9.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:56 | 0 | 0.0 | 9.33 | 9.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:56 | 0 | 0.0 | 9.27 | 9.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:57 | 0 | 0.0 | 9.27 | 9.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:57 | 0 | 0.0 | 9.27 | 9.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:57 | | | | | | | | Reset Total, Vol = 1.38 bbl | |
| 2004-Mar-19 | 10:57 | 0 | 0.0 | 9.27 | 9.1 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:57 | 0 | 0.0 | 9.27 | 0.0 | 0 | 0 | 0 | | |
| 2004-Mar-19 | 10:57 | | | | | | | | End Job | |

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Post Job Summary

| | | | | | | | |
|---------------------------------------|------------------------|--------------|-------------------------|---|---|---------|------|
| Average Pump Rates, bpm | | | | Volume of Fluid Injected, bbl | | | |
| Slurry | N2 | Mud | Maximum Rate | Total Slurry | Mud | Spacer | N2 |
| 3 | 0 | 0 | 4 | 62 | 44 | 35 | |
| Treating Pressure Summary, psi | | | | Breakdown Fluid | | | |
| Maximum | Final | Average | Bump Plug to | Breakdown | Volume | Density | |
| | | | | | bbbl | lb/gal | |
| Avg. N2 Percent | Designed Slurry Volume | Displacement | Mix Water Temp | <input checked="" type="checkbox"/> Cement Circulated to Surface? | Volume | 1 | bbbl |
| % | 62 bbl | 60 bbl | °F | <input type="checkbox"/> Washed Thru Perfs | To | ft | |
| Customer or Authorized Representative | | | Schlumberger Supervisor | | <input type="checkbox"/> CirculationLost | | |
| Rep, Company | | | Ahrends, Timothy | | <input checked="" type="checkbox"/> Job Completed | | |

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ORIGINAL

Schlumberger

| | |
|-------------|------------|
| Date | 03/10/03 |
| Company | OXY |
| Job Number | 2205545483 |
| Well Name | Ackerman |
| Well Number | A1 |
| County | Grant |
| State | KS |

| | | |
|--------------|--------|----|
| Pipe Size | 8 5/8 | |
| Pipe Weight | 24 | 24 |
| Pipe Depth | 1745 | |
| Shoe Length | 43 | |
| Insert Depth | 1702 | |
| Hole Size | 12 1/4 | |
| Hole Depth | 1745 | |

| | |
|------------|---------|
| 1st System | |
| 485 sacks | Class C |
| 2.61 yield | |
| 12 weight | |
| 15 water | 173 |
| cubic ft. | 1266 |
| height | 3067 |
| bbls | 225 |

| | | |
|-----|----------------|-----|
| 239 | Pipe Volume | 111 |
| | Annular Volume | 128 |
| | Total Cement | 261 |
| | Total Water | 304 |

| | | |
|----------------|--------|--------|
| Pipe Factor | 0.0637 | 0.0637 |
| Annular Factor | 0.0735 | |
| Height Factor | 2.4231 | |

| | |
|-------------|---------|
| 2nd System | |
| 150 sacks | Class C |
| 1.32 yield | |
| 14.8 weight | |
| 6.3 water | 23 |
| cubic ft. | 198 |
| height | 480 |
| bbls | 35.3 |

Casing lift 717
Cement lift 380

| | |
|------------|---|
| 3rd System | |
| 0 sacks | |
| 0 yield | |
| 0 weight | |
| 0 water | 0 |
| cubic ft. | 0 |
| height | 0 |
| bbls | 0 |

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Test 2000 psi

Mud

10 Spacer

225 Lead 12

35 Tail 14.8

108.4 Displacement

1000 Maximum Pressure

| | |
|------------|---|
| 4th System | |
| sacks | |
| yield | |
| weight | |
| water | 0 |
| cubic ft. | 0 |
| height | 0 |
| bbls | 0 |

Pump time @ 6 BPM 62 MIN

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| | | | | | | | | | | | |
|---|-------|---|----------------------|--|---------------|---------------------------------------|-------------|--------------------------|--------------------------|--------------------------------|--|
| Customer OXY USA, INC. | | | | | | Job Number 2205545483 | | | | | |
| Well ACKERMAN A1 | | | Location (legal) | | | Schlumberger Location Perryton, TX | | | Job Start 2004-Mar-10 | | |
| Field | | Formation Name/Type | | Deviation | | Bit Size in | | Well MD 1,745 ft | | Well TVD 1,745 ft | |
| County GRANT | | State/Province KANSAS | | BHP psi | | BHST °F | | BHCT °F | | Pore Press. Gradient psi/ft | |
| Well Master: 0630579098 | | API / UWI: | | Casing/Liner | | | | | | | |
| Rig Name | | Drilled For Oil & Gas | | Service Via | | Depth, ft 1745 | | Size, in 8.63 | | Weight, lb/ft 24 | |
| Offshore Zone | | Well Class New | | Well Type Development | | Tubing/Drill Pipe | | | | | |
| Drilling Fluid Type | | Max. Density lb/gal | | Plastic Viscosity cp | | Depth, ft | | Size, in | | Weight, lb/ft | |
| Service Line Cementing | | Job Type Cem Surface Casing | | Perforations/Open Hole | | | | | | | |
| Max. Allowed Tubing Pressure 1500 psi | | Max. Allowed Ann. Pressure psi | | Wellhead Connection 8 5/8 HS&M | | Top, ft | | Bottom, ft | | No. of Shots | |
| Service Instructions CEMENT 8 5/8 SURFACE CASING WITH: 485 SKS PANHANDLELITE + ADDS 150 SKS CLASS C + 2%S1 | | | | | | Total Interval ft | | Diameter in | | Packer Depth ft | |
| Casing/Tubing Secured <input checked="" type="checkbox"/> | | 1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/> | | Casing Tools | | | Squeeze Job | | | | |
| Lift Pressure: 400 psi | | Pipe Rotated <input type="checkbox"/> | | Pipe Reciprocated <input type="checkbox"/> | | Shoe Type: | | Squeeze Type: | | | |
| No. Centralizers: Top Plugs: 1 | | Bottom Plugs: 0 | | Shoe Depth: 1745 ft | | Tool Type: | | Tool Depth: ft | | | |
| Cement Head Type: Single | | Stage Tool Type: | | Stage Tool Depth: ft | | Tail Pipe Size: in | | Tail Pipe Depth: ft | | | |
| Job Scheduled For: 2004-Mar-10 21:00 | | Arrived on Location: 2004-Mar-11 1:00 | | Leave Location: | | Collar Type: | | Collar Depth: 1702 ft | | Sqz Total Vol: bbl | |
| Date | Time | Treating Pressure psi | Flow Rate bbl/min | CMT DENS lb/gal | Volume bbl | 0 | 0 | 0 | Message | | |
| 2004-Mar-10 | 22:33 | 0 | 0.0 | 8.41 | 0.0 | 0 | 0 | 0 | | | |
| 2004-Mar-10 | 22:33 | 5 | 0.0 | 8.41 | 0.0 | 0 | 0 | 0 | | | |
| 2004-Mar-10 | 22:34 | 0 | 0.0 | 8.41 | 0.0 | 0 | 0 | 0 | | | |
| 2004-Mar-10 | 22:34 | | | | | | | | Start Job | | |
| 2004-Mar-10 | 22:34 | 0 | 0.0 | 8.41 | 0.0 | 0 | 0 | 0 | | | |
| 2004-Mar-10 | 22:34 | 14 | 0.0 | 8.44 | 0.0 | 0 | 0 | 0 | | | |
| 2004-Mar-10 | 22:35 | 2243 | 0.0 | 8.44 | 0.1 | 0 | 0 | 0 | | | |
| 2004-Mar-10 | 22:35 | 3026 | 0.0 | 8.44 | 0.1 | 0 | 0 | 0 | | | |
| 2004-Mar-10 | 22:35 | | | | | | | | Pressure Test Lines | | |
| 2004-Mar-10 | 22:35 | 2838 | 0.0 | 8.44 | 0.1 | 0 | 0 | 0 | | | |
| 2004-Mar-10 | 22:36 | 2682 | 0.0 | 8.44 | 0.1 | 0 | 0 | 0 | | | |
| 2004-Mar-10 | 22:36 | 2563 | 0.0 | 8.44 | 0.1 | 0 | 0 | 0 | | | |
| 2004-Mar-10 | 22:37 | 142 | 0.0 | 8.44 | 0.1 | 0 | 0 | 0 | | | |
| 2004-Mar-10 | 22:37 | -50 | 0.0 | 8.44 | 0.1 | 0 | 0 | 0 | | | |
| 2004-Mar-10 | 22:38 | -37 | 0.0 | 8.42 | 0.1 | 0 | 0 | 0 | | | |
| 2004-Mar-10 | 22:38 | | | | | | | | Start Pumping Spacer | | |
| 2004-Mar-10 | 22:38 | 0 | 5.1 | 8.38 | 1.2 | 0 | 0 | 0 | | | |
| 2004-Mar-10 | 22:38 | 5 | 4.8 | 8.38 | 1.6 | 0 | 0 | 0 | | | |
| 2004-Mar-10 | 22:39 | 50 | 5.2 | 8.38 | 4.1 | 0 | 0 | 0 | | | |
| 2004-Mar-10 | 22:39 | 55 | 5.4 | 8.36 | 6.7 | 0 | 0 | 0 | | | |
| 2004-Mar-10 | 22:40 | 60 | 5.4 | 8.35 | 9.4 | 0 | 0 | 0 | | | |
| 2004-Mar-10 | 22:40 | | | | | | | | End Spacer | | |

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| Well | | Field | | | Service Date | | Customer | | | Job Number |
|--------------|-------------|-------------------|-----------|----------|--------------|---|---------------|---|------------------------------|------------|
| ACKERMAN #A1 | | | | | 0470-Mar-10 | | OXY USA, INC. | | | 2205645483 |
| Date | Time | Treating Pressure | Flow Rate | CMT DENS | Volume | 0 | 0 | 0 | Message | |
| | 24 hr clock | psi | bbl/min | lb/gal | bbl | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:40 | 69 | 5.4 | 9.41 | 10.9 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:40 | | | | | | | | Reset Total, Vol = 11.12 bbl | |
| 2004-Mar-10 | 22:40 | 69 | 5.3 | 9.54 | 11.1 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:40 | | | | | | | | Start Mixing Lead Slurry | |
| 2004-Mar-10 | 22:40 | 69 | 5.3 | 9.67 | 0.2 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:40 | 73 | 5.4 | 10.12 | 1.0 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:41 | 78 | 5.4 | 10.43 | 3.7 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:41 | 73 | 5.4 | 10.76 | 6.3 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:42 | 69 | 5.3 | 11.95 | 9.0 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:42 | 69 | 5.3 | 11.17 | 11.6 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:43 | 73 | 5.3 | 12.20 | 14.3 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:43 | 78 | 5.4 | 12.43 | 17.0 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:44 | 92 | 5.4 | 12.30 | 19.6 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:44 | 87 | 5.4 | 12.22 | 22.3 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:45 | 82 | 5.4 | 12.21 | 25.1 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:45 | 78 | 5.4 | 12.24 | 27.9 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:46 | 73 | 5.4 | 12.21 | 30.6 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:46 | 73 | 5.4 | 12.29 | 33.3 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:47 | 64 | 5.4 | 11.89 | 36.0 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:47 | 60 | 5.4 | 11.71 | 38.7 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:48 | 64 | 5.4 | 12.31 | 41.4 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:48 | 60 | 5.4 | 12.34 | 44.2 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:49 | 55 | 5.4 | 12.26 | 46.9 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:49 | 50 | 5.4 | 12.17 | 49.6 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:50 | 50 | 5.4 | 11.87 | 52.3 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:50 | 50 | 5.4 | 12.42 | 55.0 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:51 | 55 | 5.4 | 12.62 | 57.8 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:51 | 50 | 5.4 | 12.41 | 60.5 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:52 | 50 | 5.4 | 12.32 | 63.2 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:52 | 50 | 5.4 | 12.17 | 65.9 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:53 | 46 | 5.4 | 12.01 | 68.6 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:53 | 46 | 5.4 | 11.87 | 71.4 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:54 | 46 | 5.4 | 11.79 | 74.1 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:54 | 46 | 5.4 | 11.76 | 76.8 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:55 | 46 | 5.4 | 11.69 | 79.5 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:55 | 46 | 5.4 | 11.82 | 82.2 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:56 | 46 | 5.4 | 12.38 | 85.0 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:56 | 50 | 5.4 | 12.58 | 87.7 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:57 | 50 | 5.4 | 12.39 | 90.4 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:57 | 50 | 5.4 | 12.07 | 93.2 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:58 | 46 | 5.4 | 11.92 | 95.9 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:58 | 46 | 5.4 | 11.84 | 98.6 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:59 | 46 | 5.4 | 11.89 | 101.4 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 22:59 | 46 | 5.4 | 11.69 | 104.1 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:00 | 46 | 5.4 | 11.88 | 106.8 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:00 | 46 | 5.4 | 12.37 | 109.5 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:01 | 55 | 5.4 | 12.82 | 112.3 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:01 | 55 | 5.4 | 12.92 | 115.0 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:02 | 46 | 5.4 | 11.79 | 117.7 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:02 | 46 | 5.4 | 12.06 | 120.4 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:03 | 46 | 5.4 | 12.16 | 123.1 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:03 | 46 | 5.4 | 11.83 | 125.9 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:04 | 46 | 5.4 | 12.00 | 128.6 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:04 | 46 | 5.4 | 11.67 | 131.3 | 0 | 0 | 0 | | |

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| Well | | Field | | | Service Date | | Customer | | | Job Number |
|--------------|-------------|-------------------|-----------|----------|--------------|---|---------------|---|-------------------------------|------------|
| ACKERMAN #A1 | | | | | 0470-Mar-10 | | OXY USA, INC. | | | 2205545483 |
| Date | Time | Treating Pressure | Flow Rate | CMT DENS | Volume | 0 | 0 | 0 | Message | |
| | 24 hr clock | psi | bbf/min | lb/gal | bbf | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:05 | 46 | 5.4 | 11.69 | 134.0 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:05 | 41 | 5.4 | 11.79 | 136.7 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:06 | 46 | 5.4 | 11.94 | 139.5 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:06 | 46 | 5.4 | 11.95 | 142.2 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:07 | 46 | 5.4 | 12.34 | 144.9 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:07 | 50 | 5.4 | 12.39 | 147.6 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:08 | 50 | 5.4 | 12.43 | 150.3 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:08 | 50 | 5.4 | 12.50 | 153.1 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:09 | 50 | 5.4 | 12.28 | 155.9 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:09 | 46 | 5.4 | 11.95 | 158.6 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:10 | 46 | 5.4 | 11.90 | 161.3 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:10 | 46 | 5.4 | 11.92 | 164.0 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:11 | 46 | 5.4 | 12.15 | 166.8 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:11 | 50 | 5.4 | 12.36 | 169.5 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:12 | 50 | 5.4 | 12.33 | 172.2 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:12 | 50 | 5.4 | 12.51 | 174.9 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:13 | 55 | 5.4 | 12.78 | 177.6 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:13 | 55 | 5.6 | 12.79 | 180.4 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:14 | 55 | 5.4 | 12.55 | 183.1 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:14 | 55 | 5.4 | 12.69 | 185.8 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:15 | 50 | 5.4 | 12.46 | 188.5 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:15 | 50 | 5.4 | 12.32 | 191.2 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:16 | 50 | 5.4 | 11.88 | 194.0 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:16 | 46 | 5.4 | 11.63 | 196.7 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:17 | 46 | 5.4 | 11.66 | 199.4 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:17 | 50 | 5.4 | 12.38 | 202.1 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:18 | 55 | 5.4 | 12.74 | 204.8 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:18 | 55 | 5.4 | 12.65 | 207.6 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:19 | 55 | 5.4 | 12.58 | 210.3 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:19 | 60 | 5.4 | 12.56 | 213.0 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:20 | 60 | 5.4 | 12.54 | 215.7 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:20 | 60 | 5.4 | 12.50 | 218.5 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:21 | 64 | 5.4 | 12.45 | 221.3 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:21 | 64 | 5.4 | 12.43 | 224.0 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:22 | 69 | 5.4 | 12.39 | 226.7 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:22 | 69 | 5.4 | 12.21 | 229.4 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:23 | 69 | 5.4 | 12.07 | 232.1 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:23 | | | | | | | | | |
| 2004-Mar-10 | 23:23 | 69 | 5.4 | 11.84 | 232.9 | 0 | 0 | 0 | End Lead Slurry | |
| 2004-Mar-10 | 23:23 | | | | | | | | | |
| 2004-Mar-10 | 23:23 | 64 | 5.4 | 11.82 | 233.1 | 0 | 0 | 0 | Reset Total, Vol = 233.13 bbl | |
| 2004-Mar-10 | 23:23 | | | | | | | | | |
| 2004-Mar-10 | 23:23 | 64 | 5.4 | 12.14 | 0.5 | 0 | 0 | 0 | Start Mixing Tail Slurry | |
| 2004-Mar-10 | 23:23 | 73 | 5.4 | 13.59 | 1.7 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:24 | 96 | 5.4 | 14.90 | 4.4 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:24 | 114 | 5.4 | 15.34 | 7.2 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:25 | 101 | 5.4 | 14.99 | 9.9 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:25 | 87 | 5.4 | 14.65 | 12.6 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:26 | 87 | 5.4 | 14.99 | 15.3 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:26 | 105 | 5.4 | 15.39 | 18.0 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:27 | 96 | 5.4 | 14.97 | 20.8 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:27 | 87 | 5.4 | 14.70 | 23.5 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:28 | 87 | 5.4 | 14.87 | 26.2 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:28 | 87 | 5.4 | 14.95 | 28.9 | 0 | 0 | 0 | | |

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| Well | | Field | | | Service Date | | Customer | | Job Number |
|--------------|-------------|-------------------|-----------|----------|--------------|---|---------------|---|------------------------------|
| ACKERMAN #A1 | | | | | 0470-Mar-10 | | OXY USA, INC. | | 2205545483 |
| Date | Time | Treating Pressure | Flow Rate | CMT DENS | Volume | 0 | 0 | 0 | Message |
| | 24 hr clock | psi | bbl/min | lb/gal | bbl | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:29 | 92 | 5.4 | 14.97 | 31.6 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:29 | 87 | 5.4 | 14.98 | 34.4 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:30 | 82 | 5.4 | 14.64 | 37.1 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:30 | 82 | 5.4 | 14.61 | 37.8 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:30 | | | | | | | | End Tail Slurry |
| 2004-Mar-10 | 23:30 | | | | | | | | Drop Top Plug |
| 2004-Mar-10 | 23:30 | 82 | 5.5 | 14.63 | 38.2 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:30 | -23 | 0.0 | 14.50 | 38.7 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:31 | -27 | 0.0 | 14.55 | 38.7 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:31 | -32 | 0.0 | 14.59 | 38.7 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:32 | -32 | 0.0 | 14.60 | 38.7 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:32 | -37 | 0.0 | 14.63 | 38.7 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:32 | | | | | | | | Reset Total, Vol = 38.71 bbl |
| 2004-Mar-10 | 23:32 | -37 | 0.0 | 14.63 | 38.7 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:32 | -37 | 0.0 | 14.63 | 0.0 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:32 | | | | | | | | Start Displacement |
| 2004-Mar-10 | 23:33 | -37 | 0.0 | 14.65 | 0.0 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:33 | -37 | 1.6 | 14.55 | 0.7 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:34 | 18 | 4.4 | 10.08 | 1.6 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:34 | 37 | 6.5 | 8.91 | 4.5 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:35 | 41 | 6.6 | 8.41 | 7.8 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:35 | 50 | 6.6 | 8.38 | 11.1 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:36 | 69 | 6.6 | 8.38 | 14.4 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:36 | 87 | 6.6 | 8.38 | 17.7 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:37 | 101 | 6.6 | 8.38 | 21.0 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:37 | 114 | 6.6 | 8.38 | 24.3 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:38 | 119 | 6.6 | 8.37 | 27.6 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:38 | 128 | 6.6 | 8.38 | 30.9 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:39 | 137 | 6.6 | 8.38 | 34.3 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:39 | 142 | 6.6 | 8.43 | 37.6 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:40 | 151 | 6.6 | 8.42 | 40.9 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:40 | 160 | 6.6 | 8.43 | 44.2 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:41 | 169 | 6.6 | 8.44 | 47.5 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:41 | 183 | 6.6 | 8.43 | 50.8 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:42 | 188 | 6.6 | 8.42 | 54.1 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:42 | 206 | 6.6 | 8.42 | 57.4 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:43 | 215 | 6.6 | 8.41 | 60.7 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:43 | 224 | 6.6 | 8.43 | 64.1 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:44 | 233 | 6.6 | 8.44 | 67.4 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:44 | 247 | 6.6 | 8.44 | 70.7 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:45 | 266 | 6.6 | 8.44 | 74.0 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:45 | 233 | 5.0 | 8.44 | 76.3 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:46 | 243 | 5.2 | 8.44 | 78.8 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:46 | 252 | 5.0 | 8.44 | 81.3 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:47 | 266 | 5.0 | 8.44 | 83.8 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:47 | 288 | 5.0 | 8.44 | 86.3 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:48 | 302 | 5.0 | 8.44 | 88.9 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:48 | 316 | 5.0 | 8.44 | 91.4 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:49 | 325 | 5.0 | 8.44 | 93.9 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:49 | 339 | 5.0 | 8.44 | 96.4 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:50 | 357 | 5.0 | 8.44 | 98.9 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:50 | 311 | 2.1 | 8.44 | 101.2 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:51 | 311 | 2.1 | 8.44 | 102.2 | 0 | 0 | 0 | |
| 2004-Mar-10 | 23:51 | 307 | 2.1 | 8.44 | 103.3 | 0 | 0 | 0 | |

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| Well | | Field | | | Service Date | | Customer | | | Job Number |
|--------------|-------------|-------------------|-----------|----------|--------------|---|---------------|---|-------------------------------|------------|
| ACKERMAN #A1 | | | | | 0470-Mar-10 | | OXY USA, INC. | | | 2205545483 |
| Date | Time | Treating Pressure | Flow Rate | CMT DENS | Volume | 0 | 0 | 0 | Message | |
| | 24 hr clock | psi | bbl/min | lb/gal | bbl | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:52 | 334 | 2.1 | 8.44 | 104.3 | 0 | 0 | 0 | CONFIDENTIAL | |
| 2004-Mar-10 | 23:52 | 325 | 2.1 | 8.44 | 105.3 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:53 | 330 | 2.1 | 8.44 | 106.4 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:53 | 325 | 2.1 | 8.44 | 107.4 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:54 | 330 | 2.1 | 8.44 | 108.5 | 0 | 0 | 0 | ORIGINAL | |
| 2004-Mar-10 | 23:54 | 348 | 2.1 | 8.44 | 109.5 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:55 | 911 | 0.0 | 8.44 | 110.4 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:55 | | | | | | | | Bump Top Plug | |
| 2004-Mar-10 | 23:55 | 911 | 0.0 | 8.44 | 110.4 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:55 | 906 | 0.0 | 8.44 | 110.4 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:55 | | | | | | | | End Displacement | |
| 2004-Mar-10 | 23:55 | 911 | 0.0 | 8.44 | 110.4 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:56 | 906 | 0.0 | 8.44 | 110.4 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:56 | 824 | 0.0 | 8.44 | 110.4 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:56 | | | | | | | | Reset Total, Vol = 110.37 bbl | |
| 2004-Mar-10 | 23:56 | -5 | 0.0 | 8.44 | 0.0 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:57 | | | | | | | | End Job | |
| 2004-Mar-10 | 23:57 | -9 | 0.0 | 8.44 | 0.0 | 0 | 0 | 0 | | |
| 2004-Mar-10 | 23:57 | -9 | 0.0 | 8.44 | 0.0 | 0 | 0 | 0 | | |

Post Job Summary

| | | | | | | | | |
|---------------------------------------|------------------------|--------------|-------------------------|---|--|---------|-----|---|
| Average Pump Rates, bpm | | | | Volume of Fluid Injected, bbl | | | | |
| Slurry | N2 | Mud | Maximum Rate | Total Slurry | Mud | Spacer | N2 | |
| 5 | 0 | 0 | 6.5 | 261 | 0 | 10 | | |
| Treating Pressure Summary, psi | | | | Breakdown Fluid | | | | |
| Maximum | Final | Average | Bump Plug to | Breakdown | Volume | Density | | |
| | | | 950 | | bbl | lb/gal | | |
| Avg. N2 Percent | Designed Slurry Volume | Displacement | Mix Water Temp | <input checked="" type="checkbox"/> Cement Circulated to Surface? | Volume | 80 | bbl | |
| % | 261 bbl | 108.4 bbl | °F | <input type="checkbox"/> Washed Thru Perfs | To | ft | | |
| Customer or Authorized Representative | | | Schlumberger Supervisor | | <input type="checkbox"/> CirculationLost | | | <input checked="" type="checkbox"/> Job Completed |
| Fillpot, Gregg | | | Ahrends, Timothy | | | | | |

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