UPDATED / CORRECTED 2/09/2005

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 # 32294 | API No. 15 - 091-22863~00~00 |
|---|---|
| Oshorn Energy I I C | County: Johnson (N 38* 46.846', W 94* 44.042') |
| Name: | • • " |
| City/State/Zip: Bucyrus, Kansas 66013 | 4900 feet from S N (circle one) Line of Section |
| Alexand National Co. 1 1 0 | 2970 feet from E W (circle one) Line of Section |
| ruicilasei. | Footages Calculated from Nearest Outside Section Corner: |
| Operator Contact Person: Steve Allee Phone: (_913_)533-9900 | (circle one) NE SE NW SW |
| Contractor: Name: Rig "6" Drilling Co. | Lease Name: Tobin Well #: 1A (1A-3) |
| Contractor: Name: | Field Name: Stilwell |
| Wellsite Geologist: (s) Bill Stout & Rex Ashlock | Producing Formation: (s) Marmaton & Cherokee "Coals" |
| Designate Type of Completion: | Elevation: Ground: 1053 Kelly Bushing: |
| X New Well Re-Entry Workover | Total Depth: 1480' Plug Back Total Depth: |
| OilSWDTemp. Abd. | Amount of Surface Pipe Set and Cemented at Feet |
| | Multiple Stage Cementing Collar Used? |
| Dry Other (Core, WSW, Expl., Cathodic, etc) | If yes, show depth set None Feet |
| - , | If Alternate II completion, cement circulated from 1242 |
| If Workover/Re-entry: Old Well Info as follows: Operator: | feet depth to surface w/ 217 sx cmt. |
| Well Name: | feet depth to surface w/ 217 sx cmt. A 1+2 - D G - 3/2/0 |
| Original Comp. Date: Original Total Depth: | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) |
| Deepening Re-perf Conv. to Enhr./SWD | Chloride content N/A ppm Fluid volume 500+/- bbls |
| Plug Back Plug Back Total Depth | Dewatering method used evaporation |
| x Commingled Docket No. 195,304-C (C-28,554) | |
| Dual Completion Docket No | Location of fluid disposal if hauled offsite: |
| Other (SWD or Enhr.?) Docket No | Operator Name: |
| , , , , , , , , , , , , , , , , , , , | Lease Name: License No.: |
| 7/22/98 | Quarter Sec Twp. S. R East West |
| Recompletion Date Recompletion Date | County: Docket No.: |
| | |
| Information of side two of this form will be held confidential for a period of 1: 107 for confidentiality in excess of 12 months). One copy of all wireline logs of TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. | r or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells. |
| All requirements of the statutes, rules and regulations promulgated to regular herein are complete and correct to the best of my knowledge. | te the oil and gas industry have been fully complied with and the statements |
| Secretary R. Applied | KCC Office Use ONLY |
| For Osborn Energy, L.L.C. | 2 cm |
| Title:Date:Date: | Letter of Confidentiality Attached If Denied, Yes Date: |
| Subscribed and sworn to before me this | Wireline Log Received |
| 20 05 | |
| Notary Public: Cefor C. Herman | Geologist Report RECEIVED |
| 1-12-29 | FFR 1 4 2005 |
|) INILON O | HERMAN |
| Notary Public - S | State of Kansas KCC WICHITA |

My Appl. Exp. 1-10-09

Side Two

| Operator Name: | Osborn Energ | y, L.L.C. | | Lea: | se Name: | Tobin | | _ Well #: | 1-A | (1A-3) |
|--|--|-------------------------------|--------------------------------|-----------------------|--|--|---------------------|-----------------|-----------|-----------------------------|
| Sec. 3 Twp | 15 S. R. 24 | X East | West | Cour | nty: | Johnson | | | | |
| NSTRUCTIONS: S ested, time tool ope emperature, fluid re | Show important tops a en and closed, flowing ecovery, and flow rate gs surveyed. Attach f | g and shut-i s if gas to s | n pressures, urface test, a | whether along with | shut-in pr | essure reached | static level, hydro | static pressi | ures, bo | ttom hole |
| Drill Stem Tests Tak | | ☐ Yes | s X No | | x | _og Formati | on (Top), Depth a | nd Datum | | Sample |
| Samples Sent to Ge | eological Survey | ☐ Yes | x No | | Nan | ne | | Тор | | Datum |
| Cores Taken Yes Electric Log Run X Yes (Submit Copy) | | | | ÷ | D | DL, E-Logs, Cmt ticket, etc., sent w/ previous ACO | | | | ıs ACO-1 |
| List All E. Logs Run | : | | | | ļ | | | | | |
| IES, CDL, Cmt E | Bond/GR/CCL | | | | | | | | | |
| | | Report | CASING all strings set-c | | | ew Used ermediate, product | tion, etc. | | | |
| Purpose of String | Size Hole Drilled | | Casing In O.D.) | | eight s. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Ту | pe and Percent Additives |
| Surface | 10 3/4" | 8 | 5/8" | 24 | 4.0 | 20' | Portland | 6 | | None |
| Production | 6 3/4" | 4 | 1/2" | _ 9 | .5 | 1242' | Class "A" | | | _ |
| * Type "B" pa | cker shoe on btn | n of 4 1/2 | " in the ev | ent elec | cted to | convert to SV | VDW | <u> </u> | | 'Flo-seal" |
| | | | ADDITIONAL | CEMENT | ING / SQ | JEEZE RECORD | <u> </u> | · | | ., |
| Purpose: Depth Top Bottom Perforate Protect Casing | | Type o | Type of Cement #Sa | | s Used | sed Type and Percent Additives | | | | |
| Plug Back TD Plug Off Zone | | | | | | | | | | |
| | PERFORATIO | ON RECORD | - Bridge Plug | s Set/Type | e | Acid, Frac | cture, Shot, Cement | Squeeze Rec | ord | |
| Shots Per Foot | | ootage of Ea | ch Interval Per | forated | | (Amount and Kind of Material Used) Depth 200 gal. 15% HCl acid 524-528 | | | | |
| 3/30/33 | | | | | 150+ BBI lease water 185,00 Scf N2 205 BBI lease wtr | | | | | |
| 12/10/98 4 | 4 561-565 | | | | 450 sx 12/20 frac sand 50 lb. citric acid blended w/ 80 BBI lease wtr 200 gal. 15% HCl w/ 150+/- BBI lease wtr | | | | | |
| 4/9/99 4 | 724-726 | | | | | 150 gal. 15% l 440 BBI straig | HCI acid | | | 724-726 |
| 7/15/03 ² | 756-760 | | | | | Not treated | | | | |
| TUBING RECORD | Size 2 3/8" set | Set At at 830' | * Ye | Packer es, see | | Liner Run | Yes X No | | | |
| Date of First, Resumed | d Production, SWD or En | | roducing Metho | od | Flowin | g X Pumpir | ng Gas Lift | Ott | ner (Expl | ain) |
| Estimated Production Per 24 Hours | Oil f | Bbls. | Gas Tsted 25 Dec. to a " | Mcf .4 | Wate | er Bi | | as-Oil Ratio | No C | Gravity Dil |
| Disposition of Gas | METHOD OF C | | | ruii] | | Production Interv | val | .RE | CEI. | MED |
| | Used on Lease umit ACO-18.) | Г | Open Hole Other (Specia | X Per | rf. [| Oually Comp. | Commingled | See de | - 1 - | |
| | | _ | _ , , | | | | | ı LD | 17 | とししゴ |

FORM MUST BE TYPED

| Operator: License # 32294 | - | | | | | | |
|--|---------------------------------|--|--|--|--|--|--|
| Name: OSBORN ENERGY L.L.C | F | | | | | | |
| Address: 9401 Indian Creek Pkwy., #40, Suite 440 | | | | | | | |
| City/State/Zip Overland Park, KS 66210 | | | | | | | |
| Purchaser: AKAWA Natural Gas, L.L.C. | 3 -7P | | | | | | |
| Operator Contact Person: Steve Allee | - Tin | | | | | | |
| Phone (913) 327-1831 | CE | | | | | | |
| Contractor: Name: Rig 6 Drilling Co. | T | | | | | | |
| Contractor: Name: Rig 6 Drilling Co. | A. | | | | | | |
| Wellsite Geologist: Rex Ashlock | M M | | | | | | |
| Designate Type of Completion | 123 | | | | | | |
| X New Well Re-Entry Workover | III I | | | | | | |
| OilSWDSIOWTemp. Abd. | İ | | | | | | |
| X Gas ENHR x SIGW | 1 | | | | | | |
| Dry Other (Core, WSW, Expl., Cathodic, etc) | . _ | | | | | | |
| | Dr | | | | | | |
| If Workover: Operator: | (I Cl | | | | | | |
| Well Name: | De | | | | | | |
| Comp. Date Old Total Depth | Ĺ | | | | | | |
| Deepening Re-perf Conv. to Inj/SWD | Op | | | | | | |
| Plug-BackPBTD | ı | | | | | | |
| Commingled Docket No. | _ | | | | | | |
| Dual Completion Docket No | Co | | | | | | |
| Other (SWD or Inj?) Docket No. | į | | | | | | |
| 7/22/98 8/3/98 waiting on completion Spud Date Date Reached TD Completion Date | | | | | | | |
| INSTRUCTIONS: An original and two copies of this form shall Room 2078, Wichita, Kansas 67202, within 120 days of the sp Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on 12 months if requested in writing and submitted with the months). One copy of all wireline logs and geologist well MUST BE ATTACHED. Submit CP-4 form with all plugged well | oud dat side for repor | | | | | | |

SIDE ONE

ORIGINAL

| | API NO. 15- 091-227600000 ZZ863-00-00 |
|--|--|
| STATE CORPORATION COMMISSION OF KANSAS | API NO. 15- 091-227600000 Z Z 8 8 3 - 00 - 80 |
| OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM | County Johnson x E |
| ACO-1 WELL HISTORY | |
| DESCRIPTION OF WELL AND LEASE | 4900 feet from SMN (circle one) Line of Section |
| | 2970 feet from E/W (circle one) Line of Section |
| Operator: License # 32294 | |
| Name: OSBORN ENERGY L.L.C | Footages Calculated from Nearest Outside Section Corner |
| Address: 9401 Indian Creek Pkwy., #40, Suite 440 | NE, SE, NW or SW (circle one) |
| City/State/Zip Overland Park, KS 66210 | Lease Name Tobin Well # 1A-3 |
| Purchaser: AKAWA Natural Gas, L.L.C. | Field Name Stillwell |
| Operator Contact Person: Steve Allee | Producing Formation N/A |
| Phone (913) 327-1831 | CElevation: Ground 1053 KB |
| Contractor: Name: Rig 6 Drilling Co. | Total Depth 1480 PBTD |
| 1) passes | Amount of Surface Pipe Set and Cemented at 20 Feet |
| | Multiple Stage Cementing Collar Used?Yes X No |
| Wellsite Geologist: Rex Ashlock | ${\tilde \Omega}$ If yes, show depth set Feet |
| Designate Type of Completion | |
| X New Well Re-Entry Workover | If Alternate II completion, cement circulated from 1242 |
| OilSWDSIOWTemp. Abd. | feet depth to surface w/ 217 sx cmt. |
| X Gas ENHR x SIGW | |
| Dry Other (Core, WSW, Expl., Cathodic, etc) | DIL 2 1-11-99 100 |
| | Drilling Fluid Management Plan AH. 2, 1-11-99 C.C. (Data must be collected from the Reserve Pit) |
| If Workover: Operator: | Chloride content NA ppm Fluid volume 500 bbls |
| Well Name: | Dewatering method used Evaporation |
| Comp. DateOld Total Depth | Location of fluid disposal if hauled offsite: |
| Deepening Re-perf Conv. to Inj/SWD | Operator Name |
| Plug-BackPBTD | Lease Name Dicense No. |
| | · · · · · · · · · · · · · · · · · · · |
| Commingled Docket No Dual Completion Docket No. | Quarter Sec. Twp. SRng. E/W County Docket No. |
| Other (SWD or Inj?) Docket No. | CONFIDENTIAL |
| 7/22/98 8/3/98 waiting on completion Spud Date Date Reached TD Completion Date | Oddi input it is |
| INSTRUCTIONS: An original and two copies of this form shall be Room 2078, Wichita, Kansas 67202, within 120 days of the spud | date, recompletion, workover or conversion of a well. |
| 12 months if requested in writing and submitted with the months). One copy of all wireline logs and geologist well re | ide two of this form will be held confidential for a period of form (see rule 82-3-107 for confidentiality in excess of 12 eport 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. |
| | |
| | |
| | omulgated to regulate the oil and gas industry have been fully |
| complied with and the statements herein are complete and corre | K.C.C. OFFICE USE ONLY |
| Standard Halle | F Letter of Confidentiality Attached C Wifeline Log Received |
| Signature 100 | Coolegist Perent Pereived |
| Title <u>Cesting 15 T</u> Date 10 Subscribed and sworn to before me this 23dd day of Octok | Distribution KCC SWD/Rep NGPA |
| Subscribed and sworn to before me this 23d day of Oalok | KCC SWD/Rep NGPA KGS Plug Other (Creatiful) |

SUSAN L. FORWARD

Notary Public State of Kansas

My Appt. Expires .

Subscribed and sworn to before me this 19

Notary Public

Date Commission Expires

Form ACO-1 (7-91)

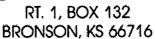
SIDE TWO

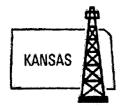
ORIGINAL

| ec. 3 Two. 1 | 5 Rge. <u>24</u> | ⊠ East | County _ | Johnson | · | | |
|--|---|--|--|--|---|---|---|
| | <u></u> | West | | | | | |
| nterval tested, tim | me tool open s, bottom hol | and closed, flows e temperature, flo | ing and shut-in | pressures, wh | nether shut-i | in pressur | drill stem tests give reached static lering test. Attach ex |
| Drill Stem Tests Ta | | ☐Yes 🛛 N | io 🛛 L | og Formati | on (Top), De | pth and Da | tums Sample |
| (Attach Additional | | y Dyes 🕅 | Name | | Top | | Datum |
| Samples Sent to Geo Cores Taken | ological Surve | y □Yes ⊠n □Yes ⊠n | ! | Drillers Log | nttochod | | |
| Electric Log Run | | ⊠Yes □N | ı | Dillers nog | Accached | | |
| (Submit Copy.) | | | | | • | • | |
| List All E.Logs Rur Dual Induct | | on/Density Porosit | У | | | | |
| | | Casing Record | ⊠ New [| Used | • | | |
| | Report al | l strings set-cond | luctor, 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 %" | 8 5/8″ | 24.0 | 20' | Portland | 6 | None |
| Production | 6 %" | 4 1/2" | 9.0 | 1242' | Portland A | 217 | 2%CaCl, 2% gel, 2% flo-seal, 3% gil |
| | ! | 1 | | ! | | - | |
| | | | | | , | | |
| Purpose: | Depth | | IONAL CEMENTING/S | | | 22222 | |
| Purpose: | | ADDIT | IONAL CEMENTING/S #Sacks Used | | and Percent | Additives | · · · · · · · · · · · · · · · · · · · |
| - 1 | Top Bottom | | | | | Additives | |
| Perforate Protect Casing Plug Back TD | Top Bottom | Type of Cement | | | | Additives | |
| Perforate Protect Casing | Top Bottom | | | Туре | | Additives | |
| Protect Casing | Top Bottom | Type of Cement | | Type | | Additives | |
| Perforate Protect Casing Plug Back TD | Top Bottom | Type of Cement | #Sacks Used | Type | and Percent | Cement Sc | Jueeze Record |
| Perforate Protect Casing Plug Back TD Plug Off Zone | Top Bottom PERFORATION 1 Specify Footage | Type of Cement | #Sacks Used ugs Set/Type 1 Perforated | Type | and Percent | Cement Sc | queeze Record |
| Perforate Protect Casing Plug Back TD Plug Off Zone | Top Bottom PERFORATION 1 Specify Footage | Type of Cement RECORD - Bridge Pl ge of Each Interva | #Sacks Used ugs Set/Type 1 Perforated | Type | and Percent | Cement Sc | queeze Record |
| Perforate Protect Casing Plug Back TD Plug Off Zone | Top Bottom PERFORATION 1 Specify Footage | Type of Cement RECORD - Bridge Pl ge of Each Interva | #Sacks Used ugs Set/Type 1 Perforated | Type | and Percent | Cement Sc | queeze Record |
| Perforate Protect Casing Plug Back TD Plug Off Zone Shots Per Foot | PERFORATION Specify Footag | Type of Cement RECORD - Bridge Pl ge of Each Interva | #Sacks Used ugs Set/Type 1 Perforated | Acid, Fr | and Percent acture, Shot, nd Kind of Ma | Cement Sc | queeze Record |
| Perforate Protect Casing Plug Back TD Plug Off Zone Shots Per Foot | PERFORATION I Specify Footag | Type of Cement RECORD - Bridge Pl ge of Each Interva | #Sacks Used ugs Set/Type 1 Perforated | Type | and Percent acture, Shot, nd Kind of Ma | Cement Sc | queeze Record |
| Perforate Protect Casing Plug Back TD Plug Off Zone Shots Per Foot UBING RECORD N/A ate of First, Resum | PERFORATION 1 Specify Footag | Type of Cement RECORD - Bridge Pl ge of Each Interva Waiting Completion | #Sacks Used ugs Set/Type 1 Perforated Packer At | Acid, Fr (Amount a | and Percent acture, Shot, nd Kind of Ma | Cement So | queeze Record |
| Perforate Protect Casing Plug Back TD Plug Off Zone Shots Per Foot UBING RECORD N/A | PERFORATION Specify Footage | Type of Cement RECORD - Bridge Pl ge of Each Interva Waiting Completion Set At Set At Bbl. Gas | #Sacks Used ugs Set/Type 1 Perforated Packer At oducing Method N/A | Acid, Fr (Amount a | and Percent acture, Shot, nd Kind of Ma Yes umping Ga | Cement So | queeze Record ed) Depth |
| Perforate Protect Casing Plug Back TD Plug Off Zone Shots Per Foot UBING RECORD N/A ate of First, Resum N stimated Production Per 24 Hours | PERFORATION Specify Footage Size | Type of Cement RECORD - Bridge Pl ge of Each Interva Waiting Completion Set At Set At Bell Gas | #Sacks Used ugs Set/Type 1 Perforated Packer At oducing Method | Acid, Fr (Amount a Liner Run Flowing P | and Percent acture, Shot, nd Kind of Ma Yes umping Gas-Oi | Cement Sonterial Use No No Is Lift [| queeze Record ed) Depth |
| Perforate Protect Casing Plug Back TD Plug Off Zone Shots Per Foot UBING RECORD N/A ate of First, Resum N stimated Production Per 24 Hours | PERFORATION Specify Footage Size | Type of Cement RECORD - Bridge Pl ge of Each Interva Waiting Completion Set At Set At Bbl. Gas METHOD OF COM | #Sacks Used ugs Set/Type 1 Perforated Packer At oducing Method N/A Mcf Wat MPLETION | Acid, Fr (Amount a Liner Run Flowing P | and Percent acture, Shot, nd Kind of Ma Yes umping Gas-Oi | Cement Sonterial Use No No Is Lift [| queeze Record ed) Depth Other (Explain) Gravity |

ORIGINAL

RIG 6 DRILLING CO.





R.K. (Bud) SIFERS (316) 939-4330

CONFIDENTIAL



JOHN J. BARKER (316) 365-7806

Company: Osborn Energy, LLC Address: 9401 Indian Creek Parkway

Overland Park, KS 66210

Lease: Tobin County: Johnson

535 Sh w/ sa sh 583 Sh w/ Ls strks

Location: 4900 FEL / 2970 FSL Sec. 3 / Twp. 15 / Rge. 24e

Commenced: 7/22/98 Completed: 8/3/98 Well#: 1 - A API#: 15-091-22,863 Status: Gas Well

Casing: 20'- 8 5/8 surface cmt w/ 10 sx 1241'-4 1/2 csg. w/ packer shoe, cent ralizers @ 1100, 700, and 240, baskets @

975, 600.

10 Soil & Clay 11 Limestone (Ls) 12 Clay 20 Ls w/ clay 98 Ls w/ Shale (Sh) brks 110 Ls 129 Sh 136 Ls 166 Sh 171 Ls 221 Sh 224 Ls 251 Sh 269 Ls 290 Ls w/sh brks 478 Sh w/ Is brks 505 Ls 518 Sh 521 Ls 522 Sh 523 Co

705 Sh w/ SA sh 707 Co & blk sh 721 Sh 723 Co 744 Sh 753 Sa sh 766 Sh w/ sa sh 770 Ls 811 Sa w/sh brks 986 Sh w/ sa sh 1164 Ls (Miss) 1171 Ls w/ chert 1194 Ls 1201 Ls w/ sa sh 1447 Ls 1480 Sa (Simpson) T.D.

KCC OCT 8 ***** CONFIDENTIAL

PAID

CHECK NO. 2506

AMOUNT 14135

DATE 8/5/98

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

ORIGINAL TICKET NUMBER 08205 LOCATION Ottowa: FOREMAN A. Made

| TREATMENT REPORT | | | | | | | | |
|--|--|--|--|--|--|--|--|--|
| | SECTION TWP BGE, COUNTY | FORMATION | | | | | | |
| 8-3-98 CUSTOMER ACCT # TOWELL NAME 3 OTR/OTR | 3 15 24 Jo | | | | | | | |
| CONTRACTOR OF THE PROPERTY OF | | ** | | | | | | |
| CHARGETO OSBORN ENERGY h.h.C. | OWNER | Level Colored Back Add Table | | | | | | |
| 40 corp. Wood Ste 440 | | | | | | | | |
| MAILING ADDRESS GHO! That'en Lok Pik HOY | OPERATOR | on the first of th | | | | | | |
| | and the second s | AND DESCRIPTION OF THE PROPERTY OF THE PARTY | | | | | | |
| CITY Overland Park | CONTRACTOR K; 5 | name (700m - 12 decreta) printing the same (100m | | | | | | |
| STATE KS ZIP CODE. 66210 | DISTANCE TO LOCATION 90 M | | | | | | | |
| | The state of the s | Commence of the Commence of th | | | | | | |
| TIME ARRIVED ON LOCATION 5.00 | TIME LEFT LOCATION (0.00 | | | | | | | |
| / Z WELL DATA | TYPE OF TREATMEN | r. | | | | | | |
| HOLE SIZE 6 44 | The state of the s | | | | | | | |
| TOTAL DEPTH 1420 | [] SURFACE PIPE (7 [] ACID (| BREAKDOWN | | | | | | |
| | PRODUCTION CASING 5 [] ACID | STIMULATION | | | | | | |
| CASING SIZE W 2 | | | | | | | | |
| CASING DEPTH /2 42 | [] SQUEEZE CEMENT | SPOTTING | | | | | | |
| CASING WEIGHT | [] PLUG & ABANDON | | | | | | | |
| CASING CONDITION | No. | | | | | | | |
| | [] PLUG BACK [] FRAC | + NITROGEN | | | | | | |
| TUBING SIZE | []MISC PUMP | ERAC #1 | | | | | | |
| TUBING DEPTH | [] MISC PUMP | | | | | | | |
| TUBING WEIGHT | []OTHER 💆 😅 : []NITRO | OGEN / | | | | | | |
| TUBING CONDITION | • | · · · · · · · · · · · · · · · · · · · | | | | | | |
| PACKER DEPTH 1342 | | | | | | | | |
| PACKET DEPTH | PRESSURE LIMITATIO | | | | | | | |
| PERFORATIONS | MTHEORITICAL | INSTRUCTED | | | | | | |
| SHOTS/FT | SURFACE PIPE ANNULUS LONG STRING | The state of the state of the state of | | | | | | |
| OPEN HOLE | TURING SOLU | La service and and the | | | | | | |
| THE RESERVE THE PARTY OF THE PA | -NTIA | | | | | | | |
| TREATMENT VIA | - OUTEIDEININ | . . | | | | | | |
| INSTRUCTIONS PRIOR TO JOB | CONFIDENTIA | 4.4. | | | | | | |
| INSTRUCTION TO COD | | | | | | | | |
| And the state of t | | | | | | | | |
| | | | | | | | | |
| DESCRIPTION OF JOB EVENTS Set type B par | Ken with app 800# | Pumped | | | | | | |
| DECOMPTION OF SOCIETY OF THE PROPERTY OF THE P | d h 15 hbl at i. | D M' WOD | | | | | | |
| 15 DDI DT KCh water TO KOWE | 1 3/11/200 | 7 | | | | | | |
| and sumped 217 Systort 19 | nd A, Liogel, d, | lo calcium, | | | | | | |
| 290 alson to 270 flor sent | . C'riglated due | to Surfac | | | | | | |
| Die Like I Literate al. | es to bottom Gire | inlated cen | | | | | | |
| pamped 70 jaich abun pi | 5 TO OFFICE | <u> </u> | | | | | | |
| to surface V Ping latched at app 7004. | | | | | | | | |
| 22 22 22 22 22 22 22 22 22 22 22 22 22 | The state of the s | | | | | | | |
| PRESSURE SUMMARY | TREATMENT RATE | | | | | | | |
| | THE PROPERTY OF THE PARTY OF TH | | | | | | | |
| BREAKDOWN or CIRCULATING psi | BREAKDOWN BPM | | | | | | | |
| FINAL DISPLACEMENT psi | INITIAL BPM | · · | | | | | | |
| ANNULUS psi | FINAL BPM MINIMUM BPM | 17 | | | | | | |
| MAXIMUM psi MINIMUM psi | MAXIMUM BPM | | | | | | | |
| 1 ***** - · · · · · · · · · · · · · · · · | | | | | | | | |

psi

TITLE

HYD HHP = RATE x PRESSURE x 40.8

AVERAGE ISIP

5 MIN SIP

15 MIN SIP

AUTHORIZATION TO PROCEED

DATE