DICINIA SIDE ONE

Correction

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACC-1 WELL HISTORY

| WELL COMPLETION FORM | CountyStanton |
|---|---|
| ACO-1 WELL HISTORY DESCRIPTION OF WELL AND USE | NW - NW - SE - NE sec. 3 Twp. 27 Rge. 39 X West |
| Operator: License #5952 | 3830 Feet from (S)N (circle one) Line of Section |
| Amara Buata III o | 1250 Feet from (circle one) Line of Section |
| · · · · · · · · · · · · · · · · · · · | Footages Calculated from Negrest Outside Section Corner: |
| Address P.O. Box 800, Rm. 2444 | NE, SE NW, or SW (circle one) |
| | Lease Name R.B. Fegan G.U. A Well # 6HI |
| City/State/Zip Denver, CO 80201 | Field Name Hugoton |
| Purchaser: | Producing Formation Chase |
| Operator Contact Person: Julie Victor | Elevation: Ground |
| Phone(303) 830-4009 | Total DepthPBTD |
| Contractor: Name: Cheyenne Drilling | Amount of Surface Pipe Set and Cemented at Feet |
| License:5382 | Mulitple Stage Cementing Collar Used? YesX No |
| Wellsite Geologist: | If yes, show depth set Feet |
| Designate Type of Completion | If Alternate is completion, cement circulated from |
| X New Well Re-Entry Workover | feet depth to w/ sx cmt. |
| Oil SWD SIGW Temp.Abd. | Drilling Fluid Management Plan /-26-17 |
| Dry Other (Core, WSW, Expl., Cathodic, etc.) | (Data must be collected from the Reserve Pit) |
| !f Workover/Re-entry: old well info as follows: | Chloride content 5800 ppm Fluid Volume 2140 bbis |
| Operator: N/A | Dewatering method useddried and filled |
| Well Name: | Location of fluid disposal if hauled offsite: |
| Comp. Date Old Total Depth | Lucation of hair dispusal in hadred offsite. |
| Deepening Re-perf Conv. to Inj/SWD | Operator Name |
| Plug Back Parto Commingled Docket No. | Lease Name License No |
| Dual Completion Docket No Other (SWD or Inj?) Docket No | |
| 8/13/92 8/15/92 1/18/93 | <u> </u> |
| Spud Date Date Reached TD Completion Date | County Docket No |
| Kensas 67202, within 120 days of the spud date, recompletion, we information on side two of this form will be held confidential for a page 32-3-107 for confidentiality in excess of 12 months.). One copy of | ded with the Kansas Corporation Commisision, 200 Colorado Derby Building, Wichita, bookover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply, period of 12 months if requested in writing and submitted with the form (see rule all wireline logs and geologist well report shall be attached with this form. ALL with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. |
| All requirements of the statutes, rules and regulations promulgated statements herein are complete to the best of my knowledge. | to regulate the oil and gas industry have been fully complied with and the |
| SignatureVictor | K.C.C. OFFICE USEAPHED ROOM AND |
| . // | /22/93 F — Letter of confidentiality Attached COMM |
| Date | Lary, 1993 C Wireline Log Received C Drillers Timelog Received JAN 2 6 1993 |
| Notery Public Ctalle M. C | CONSEGUATION DIVISIO |
| Date Commission Expires ACOMPALY 26 | KCC SWORED WERHITA, KANSAS |

API No. 15 - 187-20642-0000

Other (Specify)

| | | | SIDE TW | o | | | | * |
|---|----------------------|--|---------------------------|------------------|------------------------------------|--|----------------------|------------------------------|
| Operator Name | Amoco Produ | uction Company | Lease N | | B. Fegan G | i.U. A | Well # | 6HI . |
| | | East X West | County | | anton | | | |
| INSTRUCTIONS: Show and closed, flowing ar and flow rates if gas t | nd shut-in pressur | es, whether shut-in pr | ressure reached star | tic level, hydr | ostatic pressure | | | |
| Drill Stem Tests Take (Attach Additiona | | Yes X No | Log | g Form | nation (Top), De | opth and Datum | 19 | X Sample |
| Samples Sent to Geol | ogical Survey | Yes X No | | | | | | |
| Cores Taken | | Yes X No | Name | | | Тор | Datum | |
| Electric Log Run (Submit Copy.) | | Yes X No | Chase Herrir Krider | | 2 | 348' 395' 410' | 869' 822' 807' | |
| List All E. Logs Run: | | | Winfie Towand | | | 453' 510' | 764' 707' | |
| | | CASING RECO | [X] New | Used | e, production, et | tc. | | - |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs./Ft. | Setting Depth | Type of Cement | # Sacks Used | 1 | ype and Percent Additives |
| Surface | 12-1/4" | 8-5/8" | 24# | 610' | Class C | 345 | | |
| Production | 7-7/8" | 5-1/2" | 15.5# | 2,567 | Class C | 630 | | |
| | ! <u> </u> | ADDITIO | NAL CEMENTING/S | QUEFZE REC | ORD | | | |
| Perforate | Depth Top Bottom | Type of Cement | # Sacks Used | | | nd Percent Add | ditives | , |
| Plug Off Zone | | | | | | | | · |
| Shots Per Foot | | N RECORD - Bridge Plo octage of Each Interval | | | Acid, Fracture, unt and Kind of | | - | Record Depth |
| | | | | Frac wi | th 56,000 | gal. gelli | ing | 2306-2567' |
| | | | · | agent a | nd 2 <u>46,700</u> | # 10/20 Br | rady | |
| | | | | sand | <u> </u> | | | ········· |
| TUBING RECORD | Size | Set At | Packer At | Liner Run | | <u>, </u> | | |
| N/A Date of First, Resumed | · · · · · · | · | thod 5-7 | | | | <u> </u> | Sthor (Synlain) |
| SI Estimated Production Per 24 Hours | Oil | Bhis. Gas | Mcf Wate | | umping | Gas Lift Gas-Oil Ratio | <u> </u> | Other (Explain) Gravity |
| Disposition of Gas: | Used on Lea | | METHOD OF COMP | - | ly Comp. | Commingled | 23 | luction Interval |

X Other (Specify) slotted casing

(If vented, submit ACO-18)

Subscribed and sworn to before me this

Date Commission Expires

SIDE ONE

| STATE CORPORATION COMMISSION OF KANSAS |
|--|
| OIL & GAS CONSERVATION DIVISION |
| WELL COMPLETION FORM |
| ACO-1 WELL HISTORY |
| DESCRIPTION OF WELL AND USE |

| FORM MUST BE TYPED SID | E ONE |
|---|---|
| CTATE CORROBATION COMMISSION OF VANCAS | ORIGINAL |
| , State Corporation Commission of Kansas Oil & Gas Conservation Division | API No. 15 - 187-20642-0000 |
| WELL COMPLETION FORM ACO-1 WELL HISTORY | CountyStanton |
| DESCRIPTION OF WELL AND USE | NW - NW - SE - NE sec. 3 Twp. 27 Rge. 39 X West |
| Operator: License # 5952 | 3830 Feet from SN (circle one) Line of Section |
| Name: Amoco Production Company | 1250 Feet from (E)W (circle one) Line of Section |
| Address P.O. Box 800, Rm. 2444 | Footages Calculated from Negrest Outside Section Corner: NE, SE) NW, or SW (circle one) |
| | Lease Name R.B. Fegan G.U. A Well # 6HI |
| City/State/Zip Denver, CO 80201 | Field Name Hugoton |
| Purchaser: | Producing Formation Chase |
| Operator Contact Person: Julie Victor | Elevation: Ground 3206' KB 3217' |
| Phone (303) 830-4009 | Total Depth 2567 PBTD |
| Contractor: Name: Cheyenne Drilling | Amount of Surface Pipe Set and Cemented atFeet |
| License: 5382 | Mulitple Stage Cementing Coller Used? Yes X No |
| Wellsite Geologist: | If yes, show depth set Feet |
| | |
| Designate Type of Completion X New Well Re-Entry Workover | If Alternate II completion, cement circulated from |
| OilSWDSIOW Temp.Abd. | Prilling Fluid Management Plan 41 1-2-53 68 |
| X GasENHRSIGW Dry Other (Core, WSW, Expl., Cathodic, etc.) | Drilling Fluid Management Plan & t / 1-2-53 & (Data must be collected from the Reserve Pit) |
| <u> </u> | Chloride content 5800 ppm Fluid Volume 2140 bbls |
| If Workover/Re-entry: old well info as follows: | |
| Operator: N/A | Dewatering method used <u>dried</u> and filled |
| Well Name: | Location of fluid disposal if hauled offsite: |
| Comp. Date Old Total Depth Conv. to Inj/SWD PBTD | Operator Name |
| Commingled Docket No. | Lease Name License No |
| Dual Completion Docket No Other (SWD or Inj?) Docket No | Quarter SecTwpS.RngE/W |
| 8/13/92 8/15/92 Delayed | |
| Spud Date | County Dacket No. |
| Kansas 67202, within 120 days of the spud date, recompletion, wo nformation on side two of this form will be held confidential for a 32-3-107 for confidentiality in excess of 12 months.). One copy of | ed with the Kansas Corporation Commisision, 200 Colorado Derby Building, Wichita, orkover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. period of 12 months if requested in writing and submitted with the form (see rule all wireline logs and geologist well report shall be attached with this form. ALL th all plugged wells. Submit CP-111 form with all temporarily abandoned wells. |
| All requirements of the statutes, rules and regulations promulgated statements herein are complete to the best of my knowledge. | to regulate the oil and gas industry have been fully complied with and the |
| Signature Julie Victor | K.C.C. OFFICE USE ONLY |
| Title Permitting Representative Date 1/ | F Letter of confidentiality Attached . |

1993

January,

Form ACO-1 (7-91)

Distribution

_ NGPA

Other (Specify)

SWD/Rep _

Wireline Log Received

KCC

KGS

__ Drillers Timelog Received

| | | | SIDE TW | | | | 4 |
|---|---|--|---|------------------|---|-------------------|--|
| Operator Name | Amoco Prod | uction Company | Lease N | | B. Fegan G. | .U. A we | 6HI , |
| Sec. 3 Tw | _{гр27} | ge. 39 East | County | <u>S1</u> | canton | | <u> </u> |
| and closed, flowing a | nd shut-in pressu | | essure reached sta | tic level, hydr | ostatic pressures, | | val tested, time tool open operature, fluid recovery, |
| Drill Stem Tests Take (Attach Addition | L | Yes X No | Lo | g Form | etion (Top), Dep | th and Datums | X Sample |
| Samples Sent to Geo | logical Survey | Yes X No | | | | | |
| Cores Taken | | Yes X No | Name | | | op Datu | |
| Electric Log Run | | Yes X No | Chase Herri | ngton | 23 | 895' 82 | 69' 22' |
| (Submit Copy.) | _ | | Kride Winfi | | | | 07 ' 64 ' |
| List All E. Logs Run: | | | Towan | | | | 07' |
| | | CASING RECO | AD C | | | | |
| | | Report all strings set | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | e, 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 | 12-1/4" | 8-5/8" | 24# | 610' | Class C | 345 | |
| Production | 7-7/8" | 5-1/2" | 15.5# | 2,567' | Class C | 630 | |
| | | | | | | | |
| | <u> </u> | | NAL CEMENTING/ | SQUEEZE REC | | d Percent Additiv | |
| Purpose: Perforate | Depth Top Bottom | Type of Cement | # Sacks Used | | | | |
| Protect Casing Plug Back TD | | | | | | | · . |
| Plug Off Zone | | | | _ | | | |
| Shots Per Foot | | N RECORD - Bridge Plu potage of Each Interval | = | J | Acid, Fracture, Sl ant and Kind of M | | eeze Record Depth |
| | | | | Frac wit | h 56,000 ga | l. gelling | 2306-2567'. |
| | | | | agent ar | d 246,700# | 10/20 Brady | <u>/ </u> |
| | | | | sand. | | | |
| TUBING RECORD N/A | Size | Set At | Packer At | Liner Run | | es X No | |
| Date of First, Resumed | Production,SWD | or Inj Producing Met | [_] FIOV | | | Gas Lift | Other (Explain) |
| Estimated Production Per 24 Hours | Oil | Bbls. Gas | Mcf Wate | r Bb | ls. | Gas-Oil Ratio | Gravity |
| Disposition of Gas: | | | METHOD OF COMP | LETION | | | Production Interval |
| Vented Sold | Used on Lea | ase Open Ho | ole Perf. | Dual | ly Comp. | Commingled . | 2306-2567' |
| (If vented, submit A(| 00-18) | Other (S | pecify) | • | | | |

ORIGINAL

DRILLERS LOG

AMOCO PRODUCTION COMPANY R.B. FEGAN "A" NO. 6 HI SECTION 3-T275-R39W STANTON COUNTY, KANSAS

COMMENCED: 08-13-92 COMPLETED: 08-15-92

SURFACE CASING: 601' OF 8 5/8" CMTD W/195 SX LT "C", 2% C.C., 1/4#/SX FLO-CELE; TAILED IN W/

150 SX "C", 2% C.C., 1/4#/SX FLO-CELE

| FORMATION | DEPTH | |
|--------------------|-----------|-------|
| SURFACE HOLE | Q- 61Q | |
| RED BED & SAND | 610-1284 | |
| SAND, SHALE & LIME | 1284-1797 | |
| RED BED & SHALE | 1797-2523 | |
| CHASE | 2523-2567 | RTD . |

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENINE-PRILLING, INC.

A.J. JACQUES

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 18TH DAY OF AUGUST, 1992.

BECKY J. WHETSTONE
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 4/29/95

Becky J. Whetstone

BECKY J. WHETSTONE, NOTARY PUBLIC

| Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT WIRELINE WELL GAS INJECTION WILDCAT | CEMENTING S | SERVICE | REPORT | | | | | FOX | . | | | | TREATME | NT N | NUMBE | R. | | | DAJE | 12 | |
|--|---------------------------------------|----------------|-------------------|----------|--|---|-------------------|----------------------|--|------------------|-------------|---------------------------------------|-------------------|--|------------------|----------------|-------------|----------|---------------|---------------|---------------|
| See Propage Control of the Control o | 1/2 | • | | | | DOWEL | I SCHLI | IMBERGE | R IN | CORPOR | ATFD | | | _ | 00 | _ | NETDI | ICT _ | | >-/> | <u> </u> |
| RESIDENCE OF THE STATE OF THE S | | | | | LOCATION | | | | | | | | <u></u> | <u>. </u> | ١١٢ | ↓ ⋛ | <u>S</u> E | <u></u> | <u>K-></u> | | |
| TRILLIANDE STATE OF THE STATE O | | | الرواق س | | | | : - Z9 | 7. 2 | | <u> CHEY</u> | | E * | £ 2 / | | | <u> </u> | 1 | | | | _ |
| CONTINUED NO. CONTINUED NO | FIELD-POOL | Mer C | 7.U. M | 045 | FORMATION | <u>- 3-Сг.</u> | <u> ام در - د</u> | | -11-44- | CL DATA. | | | | | | | +- | Γ | | TOP · | 1 |
| CONTINUED CONT | | | | | | | | | | | | | ——/— | | | | / | | | | |
| NAME CHARGE CORRECTIONS 20 CORPE | COUNTY/PARISH | | | Í | | | AF | I. NO. | | | | FOOT | AGE: | $\overline{}$ | | / | | | | | 1 |
| NOTE CONTINUED | STAN | TON | | | K5 | | | | -4 | | | GRAD | E | | | | | | | |] |
| NO VICE 100 C 0000 100 C 00 | <u></u> | | . rs. T | 11. 91 | | \cap R | | NA | | BHST BHCT | | | | 81 | اوم | | | | İ | |] |
| ADDRESS 2000 | NAME | عرصر | /(C_ (| | (,,) | - U I Y | | 1 2 7 1 | - | _ | | | | _ | | | | | | | TOTAL |
| ADDRESS | AND | | | | | | | | ╢ | | | | | | | | <u> </u> | | | | 36.12 |
| Depth Dept | ADDRESS | | _ | | | | | | ı⊨ | | | | | _ | | _ | | | | | 4 |
| | | _ | | | | ZIP CODE | | | Floa | DEPTH | - K | 707 | 782 T | عب | <u>.06</u> | | | +- | | | |
| | SPECIAL INSTRU | CTIONS | | | | ZIF CODE | | - | ╢ | | | | | | | | | | | | |
| DOMES DOMES CARROT STATE STAT | | | | | | | | | 문 | DEPTH | - | | | | — iš | _ | PTH | | | | |
| SCASNO/TUBING SECURED? U YES VND CASINA WEIGHT, SUPPACE AREA 10 AND 10 AND TALL PIET NITE DEPTH | | | | | | š | | | ⇃ᆖ | ad & Plugs | □ TBG | ì | □ D.F | P. 🗀 | | | S | SQUEE. | ZE JOB | | |
| CASINOTIUSING SECUREDY VES | | | | | | | | | JI–÷ | | SIZE | | | ᅵఠ | TYF | | | | | | · . |
| S. CARROTURBNE SECURED 1 V S. X. NO | | | | | | | | | اٽ | | ₩ | _ | | | 1 | | | | | | _ |
| UPT PRESSURE 250 PS CASING WIGGLE PS SOT DI CIV DIPTH TOTAL BISS DIPTH DIPTH TOTAL BISS DIPTH | | | | | | | | | ᆀᅳ | | ₩ | | | - | | | | | DE | PTH | |
| PRESIDENT PRI BAUP PLUS TO PRI BOT OR DI DEPTH TOTA BRIVE BR | - | G SECURED | | | | ASING WEIGH | T ÷ SURF. | ACE AREA | ــــــــــــــــــــــــــــــــــــــ | | ₩ | | ieen. | | | | | W TOO | <u> </u> | | |
| ROTATE RPM RECPROCATE TO No. of Centralisms Annual VOLUME BINE PRESSURE POLICIAN TO DATE \$1.3 THE PROCESSOR PURPOSED OF THE PLANE OF TH | | | 250 | | | | 14 × H²) | | JI | | ₩ | | | _ | | VOL. | BELU | 777 100 | ,L | | |
| TIME PRESSURE VOLUME PRIME OF THE PROPERTY OF CASINA MEMBERS PRODUCED FOR THE LOCATION OF CEMENTING SYSTEMS 0003 to 2400 ON D.Y. CASINA MEMBERS ON DATE & 13 DATE & 14 DATE & 1 | | | BPM BECL | | T BOWER | | f Centralize | | ╢╩ | 1 011 011 | 1021 11 | • | | | | VOL | JME | | | | |
| THE PRESURE PUMPER AND THE LOO DATE \$-13 TIME LOO DATE \$-13 DATE | | | | _ | | | | | <u>Ш.</u> Та | RRIVE ON I | OCATIO | Ñ | | _1_ | | | | | _ | | |
| 171/L | TIME | PRES | SURE | PUMPI | UME ED BBL | 11 | | | | | | | <u> </u> | | | | | 2 | DATE: | 8-1 | <u> 3 - </u> |
| 1714 | 0001 to 2400 | TBG OR D.P. | CASING | INCREMEN | т сим | INJECT RATE | FLUID TYPE | FLUID DENSITY | | | | | SERV | ICE L | OG DI | ETAIL | | | | | |
| 1717 | | _ | | | | | | | PRE- | JOB SAFET | / MEETII | NG | | | | | | | | | |
| 1717 | 1714 | 1450 | | · | | | | | Pe | 12310 | 20 | TE | | 110 | 16: | —— 5 | | | | | |
| 1720 30 71 10 5 for 12.2 Date Wheat toward Strat Feat Curt 1730 50 35 51 5 for 14.8 Lead Curt toward Strat Wall Cart 1743 116 | | | | 10 | | -5- | 400 | | | | | | | | | - | | _ | | | |
| 1736 Se 35 SI S MT 148 LEW COMPT TO MAKE START WILLOW 1745 | 1720 | | † | 71 | 10 | | | 12.2 | 1 | | | | | | | <u> </u> | | عيرا | عدا | لماييسم | / |
| 1745 | | | | , | , | , | | | LE | | | | | | | | | | | | |
| 1745 | | | _ | | | | ₩ | / - | | | - Ha | | | | | | 1 | 2 | - 1 | | |
| 1749 160 10 5 TAKET DEPARTMENT 1754 1160 10 5 TAKET DEPARTMENT 1754 1160 10 5 TAKET TO THE FACE 1754 1160 24 2 3/000 Katte 1751 | | | - | | + | ~ | | | 7 | | <u> </u> | | - | <u>.</u> | | " (| | | | | |
| 1754 | | • | 0 | 3/_ | | La | | | | • | 7-4 | | | ا | Δ ² / | | | | | | |
| 1754 | · | | 100 | 7 | | <u> </u> | | | <u></u> | • | | | | | ,,,, | | | | | | |
| 175(e 200 | 1754 | | | | | | | | | _ | 7 | (<u>`</u> | 00 -0 | ∠4 (| | | | | | | |
| Composition of Cementing Systems | 1351 | e e | 1 | <u> </u> | | <u> </u> | | | | | | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | n 4 | | | | | | | | |
| SYSTEM | 1170 | | | | + | | | | 00 | מקוקוני אז הא | 40 | | | / | | | 7. | . 7 | | | <u> </u> |
| SYSTEM NO. CF CUJETISK COMPOSITION OF CEMENTING SYSTEMS SLURRY MIXED | 1750 | | 1500 | | | | | 1 | | <i>rec</i> k | | ع (جس) | 27 - 1 | - // | OLAT | / | 40(| -1 | 19 | | |
| SYSTEM NO. CF CUJETISK COMPOSITION OF CEMENTING SYSTEMS SLURRY MIXED | | | | | + | | | | | | | | | | | | | | | | |
| SYSTEM NO. CF CUJETISK COMPOSITION OF CEMENTING SYSTEMS SLURRY MIXED | | | | | 1 | _ | | - | | | | | | | | | | | | | |
| SYSTEM NO. CF CUJETISK COMPOSITION OF CEMENTING SYSTEMS SLURRY MIXED | · · · · · · · · · · · · · · · · · · · | | | | + | | | | | | | | | | | | | | | | |
| SYSTEM NO. CF CUJETISK COMPOSITION OF CEMENTING SYSTEMS SLURRY MIXED | - | | | | | | | | | | | | | | | | | | | | |
| 1. | REMARKS | | | | <u> </u> | | | | == | | | | | | | | | | | | |
| 1. | | | | | | | | | | | | | | | | | | | | | |
| 1. | SYSTEM | MO. OF | YELD | | | _ | | AMPOSITION | 05.0 | EMENTING | CVCTEN | 10 | | | | | Ţ | | SLUR | RY MIXE | <u> </u> |
| 3. 4. 5. 6. BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX. 5 MIN: HESITATION SQ. BRUNNING SQ. CIACULATION LOST PRESIDE VOLUME DENSITY PRESSURE MAX. 5 MIN: YES NO Cement Circulated To Surf. VYES NO 26 Bbls. BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT FOR WELL WELL PREFORATIONS CUSTOMER REPRESENTATIVE DS SUPERVISOR | | | | | . 13 | /Da- | | | _ | | | | 1000 | <u></u> | a | | \dashv | | BBLS | | DENSITY |
| 3. 4. 5. 6. BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX. 5 MIN: HESITATION SQ. BRUNNING SQ. CIACULATION LOST PRESIDE VOLUME DENSITY PRESSURE MAX. 5 MIN: YES NO Cement Circulated To Surf. VYES NO 26 Bbls. BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT FOR WELL WELL PREFORATIONS CUSTOMER REPRESENTATIVE DS SUPERVISOR | | | | <u>~</u> | 125 | CIFOC | | 11/11/14 12/13/24 | | 2765, | <u> </u> | + '' , | 135 1 | 2(| <u>.7</u> | | - | | | | 12,2 |
| 5. 6. BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX. SO MIN: HESITATION SO. PRUNNING SO. CIRCULATION LOST YES AND Cement Circulated To Surf. YES OF | | | ١٠٥٨ | | - ~ ~ | 1000 | ٠ <u>٠</u> ٦ | 77 | <u>'۱</u> | _ 1/2 | ·7 | | | | | | \dashv | <u> </u> | 20 | | 14.0 |
| 6. BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX. 550 MIN: HESITATION SO. RUNNING SO. CIRCULATION LOST PSI FINAL PSI DISPLACEMENT VOL. Washed Thru Peris VES NO VES NO WELL WELL STORAGE OF WIRELINE PERFORATIONS CUSTOMER REPRESENTATIVE DS SUPERVISOR | - | | | | | | | | | | | | | _ | | | + | | | + | |
| BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX. 5 MIN: HESITATION SO. RUNNING SO. CIRCULATION LOST PSI FINAL PSI DISPLACEMENT VOL. BBbls TYPE OF OF OF GAS BRINE WATER BRINE WATER PERFORATIONS CUSTOMER REPRESENTATIVE DENSITY PRESSURE MAX. 5 MIN: COME TO LOCAL CIRCUlated To Surf. EYES NO Cement CIRCULATION BBINE WATER DENSITY PRESSURE MAX. 5 MIN: TYPE OF | 5. | | | | | | - | | | | | | | | | | \dashv | | | | |
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| □ HESITATION SQ. □ RUNNING SQ. CIRCULATION LOST □ YES NO Cement Circulated To Surf. YES □ NO 24 Bbls. BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. 32 Bbls TYPE □ OF □ O | BREAKDOWN FLU | ID TYPE | | | | VOLUME | | | | DE | NSITY | PR | ESSURE | | - | MA) | (.5% | | M | N: | |
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- 1. AMENDMENTS. Any modification of this document by the Customer, and all additional or different terms included in the Customer's purchase order or any other document responding to this contract, are hereby objected to. BY REQUESTING THE GOODS AND SERVICES SET FORTH HEREIN, BUYER AGREES TO ALL THE TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.
- 2. TERMS. Cash in advance unless DSI has approved credit prior to the sale. Credit terms of sale for approved accounts are total invoice amount due at DSI's office, Houston, Texas, on or before the 30th day from the date of invoice. Past
- In accordance with DSI's current Price Schedule. As provided in DSI's Price Schedule, special jobs, under unusual conditions, will be subject to special price quotations to reflect increased or reduced costs.
- 4. TAXES. Any tax based on or measured by the charge for sale or rental of products or rendering of service shall be added to the price stated in DSI's Price Schedule.
- 5. INDEPENDENT CONTRACTOR. DSI is and shall be an independent contractor with respect to the performance of this contract, and neither DSI nor anyone employed by DSI shall be the agent, representative, employee or servant of Customer in the performance of this contract or any part hereof.
- 6. FORCE MAJEURE. Any delays or failure by DSI in the performance of this contract shall be excused if and to the extent caused by war, fire, flood, strike, labor trouble, accident, riot, acts of God, or any contingencies beyond the reasonable control of DSI.
- 7. DISPOSAL Disposal of the chemicals used in the performance of this contract is the responsibility of Customer. Customer agrees the chemicals will be disposed of in accordance with all applicable Federal, State and local laws and regulations.

- due accounts are to pay interest on the balance past due at the rate of 11/2% per month or the maximum allowable by the applicable state laws if such laws limit interest to a lesser amount. In the event it is necessary to employ an agency and/or attorney to effect collection of said account, Customer agrees to pay all fees directly or indirectly incurred for such collection. 3. PRICES. The products and services to be supplied hereunder shall be priced
- 8. PRODUCT SALES AND RENTALS WARRANTY, DSI warrants only that products (including tools, supplies and materials) furnished shall conform to the quality and specification represented and that DSI can convey good title; DSI MAKES NO WARRANTY OF MERCHANTABILITY, OR THAT SAID PRODUCTS SHALL BE FIT FOR ANY PARTICULAR PURPOSE, NOR IS THERE ANY OTHER WARRANTY EX-PRESSED OR IMPLIED EXCEPT AS EXPRESSLY STATED HEREIN. DSI's liability and Customer's exclusive remedy for any cause of action arising out of a product sale or rental pursuant hereto is expressly limited at DSI's option to (a) replacement or such product upon its return to DSI or (b) allowance to Customer of credit for the cost of such product.
 - SERVICE WARRANTY. In interpreting information and making recommendations, either written or oral, as to type or amount of material or service to be furnished, or manner of performance, or in predicting results to be obtained therefrom, DSI will give Customer the benefit of its best judgment based on its experience in the field. Nevertheless, all such recommendations or predictions are opinions only; end, in view of the impractibility of obtaining first-hand knowledge of the many variable conditions and/or the necessity of relying on facts and supporting services furnished by others, NO WARRANTY IS GIVEN CONCERNING THE EFFECTIVENESS OF THE MATERIALS USED, RECOMMENDATIONS GIVEN, OR THE SERVICES RENDERED.
 - 10. LIABILITY AND INDEMNITY, Customer agrees to be responsible for and to defend, indemnify and save harmless DSI, its officers, agents and employees, from any and all claims, loss, damage or expense by reason of accident, injuries, damages or hurt to any person or property, including property of DSI or Customer, that may occur in connection with or related to the performance of this contract and which is caused in whole or in part by the negligent act or omission of Customer, its agents, servants or employees and whether or not caused in part by the negligent act or omission of DSI. In no event shall DSI be liable for any special, incidental, indirect, punitive, or consequential damage, including, but not limited to, loss of use or loss of profit, for breach of contract, negligence (including DSI's sole negligence) or any other cause of action.
 - 11. DSI. The term "DSI" as used herein is an abbreviation of Dowell Schlumberger incorporated and where used throughout this agreement, shall be construed to mean Dowell Schlumberger Incorporated, a Delaware corporation.
- 12. SEVERABILITY. It is understood and agreed by the parties hereto that any part, term, or provision of this Contract prohibited by law shall be deemed invalid to the extent of such prohibition and shall be deemed modified to the extent necessary to conform to such rule of law.

SPECIAL TERMS AND CONDITIONS

In addition to the foregoing General Terms and Conditions which are applicable to all services and products furnished by DSI, the following Special Terms and Conditions are applicable to Oil Field Services and Mining Services. In the event of any conflict, inconsistency, or incongruity between the General Terms and Conditions and the Special Terms and Conditions, the Special Terms and Conditions shall govern and control.

- 13. WELL The term "well" as used herein shall also be construed to include and mean a "mine" or other property being serviced where the work to be performed involves DSI mining services.
- 14. CUSTOMER'S RESPONSIBILITY & INDEMNITIES. The parties agree that Customer has complete custody and control of the well, the conditions created in the well, the drilling equipment, well premises and access routes from highways to well locations. Customer will have the well in readiness for the service and, following service, will return the well to production. The parties further agree that unless caused by DSI's willful misconduct or fallure to exercise good faith, Customer shall be fully responsible for and defend, indemnify and save harmless DSI, its officers, agents and employees against;
- (i) Liability for damage to property of Customer (and well owner if different from Customer), this provision applying but not limited to subsurface damage and surface damage arising from subsurface damage including any liability based in whole or in part on the negligence of DSI,
- (ii) Liability for reservoir loss or damage, or any property damage (including but not limited to damages caused by pollution or contamination), or personal injuries resulting directly or indirectly from subsurface pressure, well blowout or cratering, or losing control of the well including any liability based in whole or in part on the negligence of DSI.
- (iii) Liability for any damages whatever resulting directly or indirectly from a subsurface trespass, pollution or contamination arising out of any servicing operation performed by DSI or Customer Including any liability based in whole or in part on the negligence of DSI.
- (iv) Liability for injury to persons (including death) or damage to property, other than employees and property of DSI, growing out of or in any way, connected with the use of materials in the well which are radioactive, poison, toxic or otherwise hazardous including any liability based in whole or in part on the negligence of DSI.

- (v) Liability for damages to property of customer or third parties or injuries to persons caused or alleged to have been caused by contamination or pollution from the application or use of products designed to control dust, wind erosion, product loss, sealing of ponds, reservoirs, irrigation canals, or sanitary landfills including any liability based in whole or in part on the negligence of DSI.
- (vi) Liability for injury to persons (including death) or damage to property growing out of or in any way connected to the use of various equipment provided by DSI at no cost for the sole convenience of and use by the Buyer including any liability based in whole or in part on the negligence of DSI.
- (vii) Uability for damage to property of Customer (and well owner if different from Customer) resulting, directly or indirectly, from tools or instruments of DSI being lost in a well, including any liability based in whole or in part on the negligence of DSI.
- 15. DOWN HOLE TOOLS AND INSTRUMENTS. If tools or instruments of DSI are lost in a well, Customer agrees to make a reasonable effort at Customer's risk and expense to recover same; and, if unable to recover, to pay DSI for same unless such loss or damage was caused solely by DSI's negligence.
- 16. OFFSHORE & MARINE OPERATIONS. For offshore marine operations Customer agrees to insure against loss and assumes full responsibility for damage to equipment furnished by DSI from time of delivery to Customer at landing until returned to landing when transported on craft, or located on platforms not owned or leased by DSI.

Customer shall furnish transportation for crew changes at customers expense.

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- 1. AMENDMENTS. Any modification of this document by the Customer, and all additional or different terms included in the Customer's purchase order or any other document responding to this contract, are hereby objected to. BY REQUESTING THE GOODS AND SERVICES SET FORTH HEREIN, BUYER AGREES TO ALL THE TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.
- 2. TERMS. Cash in advance unless DSI has approved credit prior to the sale. Credit terms of sale for approved accounts are total invoice amount due at DSI's office, Houston, Texas, on or before the 30th day from the date of invoice. Past due accounts are to pay interest on the balance past due at the rate of 1½% per month or the maximum allowable by the applicable state laws if such laws limit interest to a lesser amount. In the event it is necessary to employ an agency and/or attorney to effect collection of sale account, Customor agrees to pay all fees directly or indirectly incurred for such collection.
- 3. PRICES. The products and services to be supplied hereunder shall be priced in accordance with DSI's current Price Schedule. As provided in DSI's Price Schedule, special jobs, under unusual conditions, will be subject to special price quotations to reflect increased or reduced costs.
- 4. TAXES. Any tax based on or measured by the charge (or sale or rental of products or rendering of service shall be added to the price stated in DSI's Price Schedule.
- 5. INDEPENDENT CONTRACTOR. DSI is and shall be an Independent contractor with respect to the performance of this contract, and neither DSI nor anyone employed by DSI shall be the agent, representative, employee or servant of Customer in the performance of this contract or any part hereof.
- FORCE MAJEURE. Any delays or failure by DSI in the performance of this
 contract shall be excused if and to the extent caused by war, fire, flood, strike,
 labor trouble, accident, riot, acts of God, or any contingencies beyond the reasonable
 control of DSI.
- 7. DISPOSAL Disposal of the chemicals used in the performance of this contract is the responsibility of Customer. Customer agrees the chemicals will be disposed of in accordance with all applicable Federal, State and local laws and regulations.

- 8. PRODUCT SALES AND RENTALS WARRANTY. DSI warrants only "biat' products (Including tools, supplies and materials) furnished shall conform to the quality and specification represented and that DSI can convey good title; DSI MAKES NO WARRANTY OF MERCHANTABILITY, OR THAT SAID PRODUCTS SHALL BE FIT FOR ANY PARTICULAR PURPOSE, NOR IS THERE ANY OTHER WARRANTY EXPRESSED OR IMPLIED EXCEPT AS EXPRESSLY STATED HEREIN. DSI's liability and Customer's exclusive remedy for any cause of action arising out of a product sale or rental pursuant hereto is expressly limited at DSI's option to (a) replacement or such product upon its return to DSI or (b) allowance to Customer of credit for the cost of such product.
- 9. SERVICE WARRANTY. In interpreting information and making recommendations, either written or oral, as to typo or amount of material or service to be furnished, or manner of performance, or in predicting results to be obtained therefrom, DSI will give Customer the benefit of its best judgment based on its experience in the fletd. Nevertheless, all such recommendations or predictions are opinions only; and, in view of the impractibility of obtaining first-hand knowledge of the many variable conditions and/or the necessity of relying on facts and supporting services furnished by others, NO WARRANTY IS GIVEN CONCERNING THE EFFECTIVENESS OF THE MATERIALS USED, RECOMMENDATIONS GIVEN, OR THE SERVICES RENDERED.
- 10. LIABILITY AND INDEMNITY. Customer agrees to be responsible for and to defend, indemnity and save harmless DSI, its officers, agents and employees, from any and all claims, loss, damage or expense by reason of eccident, injuries, damages or hurt to any person or property, including property of DSI or Customer, that may occur in connection with or related to the performance of this contract and which is caused in whole or in part by the negligent act or omission of Customer, its agents, servants or employees and whether or not caused in part by the negligent act or omission of DSI. In no event shall DSI be liable for any special, incidental, indirect, punitive, or consequential damage, including, but not limited to, loss of use or loss of profit, for breach of contract, negligence (including DSI's sole negligence) or any other cause of action.
- 11. DSI. The term 'DSI' as used herein is an abbreviation of Dowell Schlumberger incorporated and where used throughout this agreement, shall be construed to mean Dowell Schlumberger Incorporated, a Delaware corporation.
- 12. SEVERABILITY. It is understood and agreed by the parties hereto that any part, term, or provision of this Contract prohibited by law shall be deemed invalid to the extent of such prohibition and shall be deemed modified to the extent necessary to conform to such rule of law.

SPECIAL TERMS AND CONDITIONS

In addition to the foregoing General Terms and Conditions which are applicable to all services and products furnished by DSI, the following Special Terms and Conditions are applicable to Oil Field Services and Mining Services. In the event of any conflict, inconsistency, or incongruity between the General Terms and Conditions and the Special Terms and Conditions shall govern and control.

- 13. WELL The term "well" as used herein shell also be construed to include and mean a "mine" or other property being serviced where the work to be performed involves DSI mining services.
- 14. CUSTOMER'S RESPONSIBILITY & INDEMNITIES. The parties agree that Customer has complete custody and control of the well, the conditions created in the well, the drilling equipment, well premises and access routes from highways to well locations. Customer will have the well in readiness for the service and, following service, will return the well to production. The parties further agree that unless caused by DSI's willful misconduct or failure to exercise good faith, Customer shall be fully responsible for and defend, indemnify and save harmless DSI, its officers, agents and employees against:
- (i) Liability for damage to property of Customer (and well owner if different from Customer), this provision applying but not limited to subsurface damage and surface damage arising from subsurface damage including any liability based in whole or in part on the negligence of DSI.
- (ii) Liability for reservoir loss or damage, or any property damage (including but not limited to damages caused by pollution or contamination), or personal injuries resulting directly or indirectly from subsurface pressure, well blowout or cratering, or losing control of the well including any liability based in whole or in part on the negligence of DSI.
- (iii) Liability for any damages whatever resulting directly or indirectly from a subsurface trespass, pollution or contamination arising out of any servicing operation performed by DSI or Customer including any liability based in whole or in part on the negligence of DSI.
- (iv) Liability for Injury to persons (including death) or damage to property, other than employees and property of DSI, growing out of or in any way, connected with the use of materials in the well which are radioactive, poison, toxic or otherwise hazardous including any liability based in whole or in part on the negligence of DSI.

- (v) Liability for damages to property of customer or third parties or Injuries to persons caused or alleged to have been caused by contamination or poliution from the application or use of products designed to control dust, wind erosion, product loss, sealing of ponds, reservoirs, irrigation canals, or sanitary landfills including any liability based in whole or in part on the negligence of DSI.
- (vi) Liability for injury to persons (including death) or damage to property growing out of or in any way connected to the use of various equipment provided by DSI at no cost for the sole convenience of and use by the Buyer including any liability based in whole or in part on the negligence of DSI.
- (vii) Liability for damage to property of Customer (and well owner if different from Customer) resulting, directly or indirectly, from tools or instruments of DSI being lost in a well, including any liability based in whole or in part on the negligence of DSI.
- 15. DOWN HOLE TOOLS AND INSTRUMENTS. If tools or instruments of DSI are lost in a well, Customer agrees to make a reasonable effort at Customer's risk and expense to recover same; and, if unable to recover, to pay DSI for same unless such loss or damage was caused solely by DSI's negligence.
- 16. OFFSHORE & MARINE OPERATIONS. For offshore marine operations Customer agrees to insure against loss and assumes full responsibility for damage to equipment furnished by DSI from time of delivery to Customer at landing until returned to landing when transported on craft, or located on platforms not owned or leased by DSI.

Customer shall furnish transportation for crew changes at customers expense.