Rec'd 02

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999
Form Must Be Typed

WELL COMPLETION FORM

| * * *** | J J J J J J J J J J J J J J J J J J J | |
|---------------------|--|-----------------|
| WELL HISTORY | - DESCRIPTION | OF WELL & LEASE |

| | APINIO 45 135-24187-0000 ORIGINAL |
|--|--|
| Operator: License #5663 | API No. 15 - 135-24187-0000 UNIVAL |
| Name: Hesś Oil Company | County: Ness |
| Address: P. O. Box 1009 137' | N, -W2 W2 NW Sec. 5 Twp. 16 S. R. 22 ☐ East West |
| City/State/Zip: McPherson, KS 6740 | 1183 feet from \$\mathcal{E}\$ / \big(\text{N}) (circle one) Line of Section |
| Purchaser: NCRA | feet from // (circle one) Line of Section |
| Operator Contact Person: Bryan Hess | Footages Calculated from Nearest Outside Section Corner: |
| Phone: (<u>620</u>) <u>241-4640</u> | (circle one) NE SE (NW) SW |
| Contractor: Name: Mallard JV, Inc. SFP 2 7 2002 | Lease Name: Janet Well #: 1 |
| License: 4958 | Field Name: |
| Wellsite Geologist: James C. Hess CONFIDENTIAL | Producing Formation: Cherokee Sand |
| Designate Type of Completion: | Elevation: Ground: 2367' Kelly Bushing: 2372' |
| New Well Re-Entry Workover | otal Depth: 4370' Plug Back Total Depth: |
| OilSIOWTemp. AbdAN 25 7 | Amount of Surface Pipe Set and Cemented at 234 Feet |
| Gas ENHR SIGW | Multiple Stage Cementing Collar Used? |
| Dry Other (Core, WSW, Expl., Cathodic, et | |
| If Workover/Re-entry: Old Well Info as follows: | If Alternate II completion, cement circulated from 1668 |
| Operator: | feet depth to_surface w/_200 sx cmt. |
| Well Name: | 1/2 1200 (320.00 |
| Original Comp. Date: Original Total Depth: | Drilling Fluid Management Plan AU // UF / 25 CS (Data must be collected from the Reserve Pit) |
| Deepening Re-perf Conv. to Enhr./SWD | Chloride contentppm Fluid volumebbls |
| Plug BackPlug Back Total Depth | Dewatering method used evaporation |
| Commingled Docket No | |
| Dual Completion Docket No | Location of fluid disposal if hauled offsite: |
| Other (SWD or Enhr.?) Docket No | Operator Name: |
| 8-12-02 8-18-02 9-6-02 | Lease Name: License No.: |
| Spud Date or Date Reached TD Completion Date or | Quarter Sec Twp. S. R East West |
| Recompletion Date Recompletion Date | County: Docket No.: |
| | |
| INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workove 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 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 |
| All requirements of the statutes, rules and regulations promulgated to regula | te 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: James of Vess | KCC Office Use ONLY |
| James H. Hess, Vice Pres. 9-27-02 | Letter of Confidentiality Attached |
| 27th September | |
| Subscribed and sworn to before me thisday of | Wireline Log Received |
| 49_ Hess | Geologist Report Received |
| Notary Public: A NOTARY PUBLIC - State of Kansa: | AND THE PROPERTY OF THE PROPER |
| Date Commission Expires: My Appt. Exp. 5 36 05 | |

| Operator Name: | Hess Oil C | ompany | | Lease N | ame:J | anet | | _ Well #:1 | | | | | |
|--|---|----------------------|---------------|----------------------|-----------|---|-----------------------|-----------------|-------------------|---|--|--|--|
| Sec. 5 Twp | <u>16</u> s. R. <u>22</u> | . East 🗸 | ✓ West | County: _ | Ness | | | | | | | | |
| 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 a Electric Wireline Logs surveyed. Attach final geological well site report. | | | | | | | | | | nole | | | |
| Drill Stem Tests Take | | ✓ Yes | No | | Log | Formati | on (Top), Depth a | nd Datum | nple | | | | |
| Samples Sent to Ge | ological Survey | ✓ Yes | No | | Name | | | Top Datum | | | | | |
| Cores Taken Electric Log Run (Submit Copy) | | Yes V No V Yes No | | | | | | | | | | | |
| List All E. Logs Run: | | | | | | | | | | | | | |
| Dual Compensa Compensated S | Dual Compensated Porosity, Dual Induction, Borehole Compensated Sonic | | | | | | | | | | | | |
| | | Report all | | RECORD | | Used | tion ata | | | | | | |
| Purpose of String | Size Hole Drilled | Size Ca Set (In (| sing | Weight Lbs. / Ft. | | Setting Depth | Type of Cement | # Sacks Used | Type and Addit | | | | |
| Surface | 12-1/4" | 8-5/8" | | 20# | 234 | ! | 60/40 Poz | 155 | 2% gel, | 3% сс | | | |
| Production | 7-7/8" | 5-1/2" | 7.00 | 15.5# | 436 | 8' | EA-2 | 150 | | | | | |
| | | | | | | | SMDC | 200 | | | | | |
| | | AC | DITIONAL | CEMENTING | / SQUEEZE | RECORD | | | | | | | |
| Purpose:Perforate | Depth Top Bottom | Type of Co | ement | #Sacks Us | ed | Type and Percent Additives | | | | | | | |
| Protect Casing Plug Back TD | Holes at: 1665-1700 | standar | d | 100 | 2 | 2% cc | | | | | | | |
| X Squeeze | casing leak | | | | | | | | | | | | |
| Shots Per Foot | PERFORATI | ON RECORD - | Bridge Plug | s Set/Type | | | cture, Shot, Cement | | d | | | | |
| 3 | | Footage of Each | Interval Perf | orated | | (An | nount and Kind of Mat | erial Used) | | Depth | | | |
| 3 | 4299'-4303' | | | | | *************************************** | | | | *************************************** | | | |
| | | | | | | MINE CO. 10 | | | | | | | |
| | | | | | | | | | | ··· | | | |
| | | | | | | | | | | | | | |
| TUBING RECORD | Size | Set At | **** | Packer At | Lina | v D | | | | | | | |
| | 2-7/8" | 4275' | | Packer At | Line | r Run | Yes ✔ No | | | | | | |
| Date of First, Resumed 9-7-02 | | nhr. Prod | ducing Metho | | lowing | ✓ Pumpin | g Gas Lift | Otho | er (Explain) | | | | |
| Estimated Production | | Bbls. | Gas I | Mcf | Water | | | as-Oil Ratio | | Gravity | | | |
| Per 24 Hours | 128 | | ···· | | 0 39 | | | | | | | | |
| Disposition of Gas | METHOD OF C | OMPLETION | | | Prod | uction Interv | | | | | | | |
| Vented Sold Used on Lease Open Hole ✓ Perf. Dually Comp. Commingled 4299'-4303' (If vented, Sumit ACO-18.) Other (Specify) | | | | | | | | | | | | | |

P.O. BOX 1009 McPHERSON, KANSAS 67460-1009 (620) 241-4640

CONFIDENTIAL

ACO-1 Completion Form Attachment

KCC SEP 2 7 2002 Release
JAN 2 5 2005
From

Janet #1 137' N of W/2 W/2 NW, Section 5-16-22W Ness County, Kansas

CONFIDENTIAL

Elevation: 2372' KB

| FORMATION Anhydrite Base Anhydrite Heebner Toronto Lansing Stark Shale Base Kansas City Marmaton Pawnee Fort Scott Cherokee Shale | TOP 1709' 1748' 3723' 3741' 3760' 3937' 4022' 4046' 4123' 4208' 4231' | DATUM (+663') (+624') (-1351') (-1369') (-1388') (-1601') (-1650') (-1674') (-1751') (-1836') (-1859') | sample sample log log sample sample log log log |
|---|--|---|---|
| Cherokee Shale Mississippi RTD | 4231' (none) 4370' | (-1859') (-1998') | • |

DST#1:

<u>Depth</u>: 4215'-4310'. <u>Times</u>: 15-15-then pulled test. <u>Blows</u>: IF - strong blow off bottom of bucket in 30 sec; ISI - surface return built to 3". <u>Recoveries</u>: 180' GIP; 240' SGOCM (15% gas, 5% oil, 80% mud); 1560' CGO (40% gas, 60% oil.) <u>Pressures</u>: IH 2159#, IF 483-784#, ISI 1267#, FF - - - , FSI - - - , FH 2057#

| 3 6 | MIF | TICKET HESS OTT Co. NO. 1743 | | | | | | | | | | | Т | | | |
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| 5 | A Tr | | Į. | CITY, STAT | E. ZIP CO | , ZIP CODE | | | | | | | lp. | | 0. | |
| Seri | vices, 1 | Inc. | | | | | | | , | | | | | NGE 1 | OF 2 | |
| CERVICE LOCATIONS | Vs | WELL/PROJECT NO | | | LEASE | | COUNTY/PARISH | STATE | CITY | | | | DATE | Tov | WNER | |
| 2. | | | NTRAC | TOR | | TAWNET DES KS | | | DELIVERED 1 | 0 | | | 8-19-02 ORDER NO. | SAME | | |
| 3. | | | M | MARN | NA DECITION JOB PURPOSE WIA CT | | | | 1004 | השו | | | | | | |
| 4 | | WELL TYPE | | ľ | | | urpose s'b" 2-stage | L026278816 | WELL PERMI | T NO. | | - 1 | WELL LOCATION RADSOM TOT - BE 3'KN, ES | | | |
| REFERRAL LOCATION | | INVOICE INSTRUCT | IONS | | UCC | ictor (~) | SIZ Z-SIAGE | YONG2!KMG | <u> </u> | - | | | K4720W 1C | | DE 3122, | ES |
| PRICE | 1 | Y REFERENCE/ | | ACCOUNT | | | DESCRIPTION | | | | | | UNIT | | | |
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| <u> </u> | | · · · · · · · · · · · · · · · · · · · | + | | - | MILEAGE * 104 | | | 25 | IME | | | 2 | 50 | 6 | <u> ১ ১০</u> |
| <u> </u> | | | 1 | | | PUMP SERVER - | 2 STAGE | · · · · · · · · · · · · · · · · · · · | <u> </u> | 202 | 4360 | VIET | 1500 | <u> 200</u> | 150 | 000 |
| 281 | 2 | ₹ | 1 | | - | MUDFLUSH | | | <u> </u> | GAC | | <u> </u> | | 50 | 25 | <u> </u> |
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| 407 | 95 | | 11 | | - | DUSSAT FLOAT S | WISET FLOAT SHOE W/ AUTO FOLUP | | | | <u> </u> | <u> </u> | 200 | 000 | 200 | <u>o ∞</u> |
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| EIMETED WARR | • | • | | , u | | CWIET CED | VICES INC | MET YOUR NEED! OUR SERVICE WA | S? | - | | ┿ | _ | | 8828- | _ |
| MUST BE SIGNED BY CU START OF WORK OR DE | USTOMER OR CUST | OMER'S AGENT PRIC | R TO | | \neg | | VICES, INC. | PERFORMED WIT | | | | - | _ | *2 | 8819 | |
| STAIN OF MONITOR DE | // 21 | | | | | | OX 466 | WE OPERATED TO AND PERFORMED CALCULATIONS SATISFACTORILY | | | | | TAX | | | 335 |
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| 8-19-02 | | 0100 | | 9 A.M | | 785-79 | П сие: | TOMER DID NO | ר עפוע/ דו | IO PESPOND | | TOTAL | | 9168 | 104 | |
| | | CUSTOME | R.ACC | EPTANC | E OF MA | ATERIALS AND SERVICES | The customer hereby ack | | | | | | et. | 1. (1.) | | |
| SWIFT OPERATOR WAXSE L | Dazan | | | | APPROVA | | | | | | | | | | Thank ' | You! |



PO Box 466 Ness City, KS 67560

TICKET CONTINUATION

No. 4743

4400.19

| Service | o, Tric. | Off: 78 | 35-798-2300 | | HESS OIL Co. | JAW. | et ' | * 1 | DATE | 3-19-02 | | AGE OF 2 | |
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| \$83 | | | <u> </u> | | MILEAGE TOTAL WEIGHT LOADED MILES CHARGE 35679 | TOTA MILES | <u> १५८,</u> | 9875 | | | 75 | 334 | 49 |
| ₹ | | | | | | | | CON | TINUATION | ITOTAL | | a 4 s 4 . | |

| TOMER | OIL (o. | | WELL NO. | · · · · · · · · · · · · · · · · · · · | LEASE TAN | | ices, Inc. ORIGINAL PATE 8-19-02 PAI JOB TYPE 5 12 2-57AGC 193652806 TICKET NO. 4943 |
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| HART | TIME | RATE | VOLUME | PUMPS | PRESSUR | | |
| NO. | | RATE (BPM) | (BBL)(GAL) | T C | TUBING | CASING | DESCRIPTION OF OPERATION AND NATERIALS |
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| | <i>૦</i> ૧૫૬ | | | | | | DROP BALL - BRIAK CTRUMATION |
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| | | Ь | 20 | | | 400 | AMP 20 BBC KU-FLISH |
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| *********** | 0325 | | ļ | | | | WASH OUT PUMP - LAXS |
| | 0327 | | | | | | RELLASE 1ST STAGE SHUTOFF PLUG |
| | 0330 | 6/2 | 0 | / | | | DESPLACE PLUG (H20- 63.6 MUD- 40) |
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| Ser Ser | WIF | T | ĀĒ | TICKET HESS OR Co. ADDRESS Nº 47 | | | | | | | | | | * | | | | |
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| | vices, | Inc. | Ci | TY, STATE, | ZIP CO | CODE | | | | | | | | PAGE OF | | | | |
| SPRVICE LOCATIONS 1. NESS COC |) V.S. | WELL/PROJECT N | 0. | LE | ASE | | | COUNTY/PARISH | [| | CITY | | | D | ATE | OV | /NER | |
| 2. | | TICKET TYPE CO | ONTRACTO | DR | | JANET | RIG NAME/NO. | | SHIPPED | D DELIVERED TO | | | | 9-3-02 RDER NO. | | SAME | | |
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| LIMITED WAR | • | . 1 | | | | SWIFT S | SER | VICES, INC. | OUR SE | RVICE WA | | , | | - | | | | |
| MUST BE/SIGNED BY START OF WORK OR | CUSTOMER OR CU DELIVERY OF GO | STOMERS AGENT PR | RIOR TO | | | | | OX 466 | | | HE EQUIPMENT JOB | | | | TAX | | | 1,12 |
| x You | Jane Com | | | | | | | , KS 67560 | SATISFA | CTORILY | ? ED WITH OUR | i | , | | 144 | | 38 | 43 |
| DATE SIGNED 9-3-0 |) | TIME SIGNED | | ☐ A.M. ☑ P.M. | | | | 8-2300 | ANE TO | on Hori | ☐ YES | | NO NO | | TOTAL | | 1713 | 12/3 |
| 7 3-0 | | /300 | | | | | | | | | TOMER DID NO | | | | | | 1713 | |
| SWIFT OPERATOR | | CUSTON | ER ACCE | | OF MA PROVA | | RVICES | The customer hereby ackno | wledges red | ceipt of th | ie materials ai | nd servic | es listed on th | ns ticket | | | Thank | Varil |
| 3GYAW - | Wasau | | | | | | | | | | | | | | | | Thank I | .ou! |

| JOB LO | Ğ [[| NFIDE | NTIAL | | | SWIFT | Servi | ices, Inc. R. G. Adate 9-3-02 Page no. |
|---|-------|-------|----------------------------------|----------|--------------|----------|----------|--|
| CUSTOMER | | | WELL NO. | | | LEASE | | JOB TYPE TICKET NO. |
| LAESS CHART | | RATE | 1 | PUN | PS . | PRESSURI | | |
| NO. | TIME | (BPM) | VOLUME (BBLD (GAL) | T | С | TUBING | CASING | DESCRIPTION OF OPERATION AND MATERIALS |
| | 1300 | | - | | <u> </u> | | | ON LOCATION KCC |
| | | | | | | | | SEP 2 7 2002 |
| | | | | | | | | 27/8 x 5/2 CONFIDENTIAL DU TOOLE 1668 PUR : 1700' TUR HEAD |
| | | | | | | | | DU TOOLE 1668 PER E 1700 - TUB HEAD |
| | | | | | | | | PILS & 1665 - TUB LIGHT |
| | 1315 | Ч | Ь | | 1 | | 800 | INTECTION RATE |
| | | | | | | | | PULL NBOLG ORDER OUT 100 SES SIN 290 CC |
| | 1445 | , | | | | | | START PACKER TO WELL |
| *************************************** | 1530 | | | 1 | | 6001 | | PWZ e 1700' - HELD ReleASE |
| | 1540 | ч | ч | 1 | | 800 | | PLE & 1662 - LIAK 13 1 7 5 0005 |
| | 19 10 | • | <u> </u> | | | 200 | | |
| | 1555 | | | | | | ~00 | PUR C 1297' SOUEZE FROM |
| | 1600 | | 21 | 1 | - | | 200 | |
| • | 1614 | | | | | | | Mac 100 sks cmT |
| *************************************** | 1615 | 11/2 | 0 | 1 | | d-2 | | WASH OUT PUMP - LENCS |
| *************************************** | 1013 | 1'/2 | ٦ | | ļ | 500 | | START DESPLACION |
| | | | | / | | 1250 | | |
| - | | 11/2 | 9.2 | 1 | ╫ | 1300 | | " PER CLEAR |
| | 1625 | 11/2 | 9.7 | 1 | <u> </u> | 1300 | | " SHAL DOMY |
| | 1630 | | | | ┢ | 500 | | HOLDOX AST - SHUT EN |
| | | | | | ├ | | | WASH UP TRUCK |
| - | 1655 | | 9.8 | - | - | P20 - | | 32472 |
| | 1700 | | 9.8 | / | - | 950 | | ,, |
| | าางร | | 9.9 | J | <u> </u> | 1200 | | · · |
| | צורו | | | 1 | 1 | 1200 | 500 | RELOASE PSZ - HELD |
| | 1720 | 3 | 12 | | 1 | | 250 | REVIRSE CICAN |
| | 1725 | | | 1 | 1 | 1000 | 1000 | RE-PST SOJERE - HELD |
| | 1730 | | | | | | | RELEASE POE - HELD (DO) |
| | | | | | | | | PULL TUBOK OUT WELL |
| | | | | | | | | · |
| | 1800 | | | | | | | JOB COMPLETE |
| | : | | | | | | | |
| | | | | | | | | TIMK YOU |
| | | | | | | *** | | MANDE, STRUE SCHALL |
| | | | | | | | | AND MADIC DAME |
| | | | | | | | | |
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| | | | | | | | | |
| | | | | | - | | | |
| | | | | <u> </u> | | | <u> </u> | |

| Federal Tax I. | NTING CO., INC. 13133 |
|---|--|
| ÆMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 | SERVICE POINT: |
| DATE & 1202 5 16 224) | CALLED OUT ON LOCATION JOB START JOB FINISH (a) OD M 8:30 M 10 10 M 11 10 M COUNTY STATE |
| OLD ORNEW (Circle one) LOCATION 13 ROW OLD ORNEW (Circle one) | East into Yess IXS KCC |
| CONTRACTOR MAHARD TYPE OF JOB SUR FARE DIDE | OWNER 1/253 O:1 Co SEP 2 7 2002 |
| TYPE OF JOB SUP SACE DIPE HOLE SIZE 12 4 T.D. 231/2' CASING SIZE & 1/8 DEPTH 234' | CONFIDENTIAL |
| TUBING SIZE DEPTH DRILL PIPE DEPTH | |
| TOOL DEPTH PRES. MAX MINIMUM NEAR I DIE | COMMON 93 @ 6.65 618.45 |
| MEAS. LINE SHOE JOINT CEMENT LEFT IN CSG. approx 15' PERFS. | POZMIX <u>62 @ 3.55 220.10</u> GEL 3 @ 10.00 30.00 CEL 3 @ 30.00 150.00 |
| DISPLACEMENT / 4 BRIÉ EQUIPMENT | @ |
| PUMP TRUCK CEMENTER Jack | From @ |
| # 224 HELPER TIME | HANDLING 163 @ 1.10 179.30 MILEAGE 22 143.44 |
| # 34 DRIVER LONGIE. BULK TRUCK # DRIVER | TOTAL 1341.29 |
| REMARKS: | SERVICE |
| Run 5 its 8 % csg-cement with 155 | DEPTH OF JOB 234 |
| BOLS fresh water - Cement Wich. | PUMP TRUCK CHARGE 520.00 EXTRA FOOTAGE @ |
| | MILEAGE 22 @ 3.00 46.00 PLUG 1-8 % (2002) @ 45.00 45.00 |
| -hanks | |
| CHARGE TO: Hess Oil Co. | TOTAL 6.31.070 |
| STREET | FLOAT EQUIPMENT |
| CITYSTATEZIP | |
| | |
| To Allied Cementing Co., Inc. | |
| You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or | TOTAL |
| contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND | TAX |
| CONDITIONS" listed on the reverse side. | TOTAL CHARGE |
| SIGNATURE Hill Urlan | -Kirk Urban |
| | PRINTED NAME |
| | ret \$ 1775.06 |