ORIGINAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

CONSERVATION DIVISION WICHITA, KS

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| Operator: License # 32325 | API No. 15 - 167-23, 506-0000 |
|---|---|
| Name: POPP OPERATING, INC | County: RUSSELL |
| Address: PO BOX 197 | 150W - S25S2 - NE - Sec. 32 Twp. 15 S. R. 13 East 7 West |
| City/State/Zip: HOISINGTON, KS 67544 | 2310 feet from S / (N) (circle one) Line of Section |
| Purchaser: NCRA | feet from (E)/ W (circle one) Line of Section |
| Operator Contact Person: RICKEY POPP | Footages Calculated from Nearest Outside Section Corner: |
| Phone: (620) 786-5514 | (circle one) (NE) SE NW SW |
| Contractor: Name: DISCOVERY DRILLING CO., INC | Lease Name: MAI Well #:-6 |
| License: 31548 | Field Name: TRAPP |
| Wellsite Geologist: JASON ALM | Producing Formation: ARBUCKLE |
| Designate Type of Completion: | Elevation: Ground: 1898 Kelly Bushing: 1906 |
| New Well Re-Entry Workover | Total Depth: 3390 Plug Back Total Depth: |
| ✓ Oil SWD SIOW Temp. Abd. | Amount of Surface Pipe Set and Cemented at 884.44 Feet |
| Gas ENHR SIGW | Multiple Stage Cementing Collar Used? |
| Dry Other (Core, WSW, Expl., Cathodic, etc) | If yes, show depth setFeet |
| If Workover/Re-entry: Old Well Info as follows: | If Alternate II completion, cement circulated from |
| Operator: | feet depth to 15SKS IN RAT HOLE W/ 10SKS IN MOUSE HOLE sx cmt. |
| Well Name: | |
| Original Comp. Date: Original Total Depth: | Drilling Fluid Management Plan AI+ NCR 8-20-0 (Data must be collected from the Reserve Pit) |
| Deepening Re-perf Conv. to Enhr./SWD | Chloride content 16,000 ppm Fluid volume 240 bbls |
| 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: |
| 5/19/08 5/23/08 6/9/08 | Lease Name: License No.: |
| Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date | Quarter Sec TwpS. R East West County: Docket No.: |
| Kansas 67202, within 120 days of the spud date, recompletion, workol Information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline log TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged well | |
| herein are complete and correct to the best of my knowledge. | late the oil and gas industry have been fully complied with and the statements KCC Office Use ONLY |
| Signature: 7-30-2008 | 1/ |
| THE. | Letter of Confidentiality Received |
| Subscribed and sworn to before me this 30th day of | If Denied, Yes Date: |
| 20.08 | Wireline Log Received |
| MILL IN Straight | Geologist Report Received RECEIVED |
| Notary Public: Sumul Stummer Notary Public: Notary | STEINERT AUG 1 7 2008 |
| Date Commission Expires: 120/11 A NOTAHT JANE M. Appl. E. | AUG 0 7 2008 |

ORIGINIAL

Side Two

| Operator Name: POF | PP OPERATING, IN | IC , | Lease | Name: | /AI | | Well #: 3 | | |
|---|--|---|--|-------------------------|------------------|----------------------|-----------------|------------------------------|--|
| Sec. 32 Twp. 15 | • | | County | : RUSSI | ELL | | | | |
| ested, time tool oper emperature, fluid rec | n and closed, flowing covery, and flow rate | and base of formations p g and shut-in pressures, s if gas to surface test, final geological well site | enetrated. whether shalong with f | Detail al nut-in pre | l cores. Report | static level, hydros | tatic pressur | es, bottom hole | |
| Orill Stem Tests Take | | ☐ Yes 📝 No | | ✓L | og Formati | on (Top), Depth ar | nd Datum | Sample | |
| Samples Sent to Geo | , , | ☐ Yes 🗸 No | | Nam | e /DRITE | | Тор 876' | Datum +1030' | |
| Cores Taken | | | | | KO | | 2566' | -660' | |
| lectric Log Run | | ✓ Yes No | | | - | | 2924' | | |
| (Submit Copy) | | | | | TSMOUTH | | | -1018' -1102' | |
| ist All E. Logs Run: | | | | HEER | BNER | | 3008' | | |
| 5 | | | , | L-KC | | | 3078' -1172' | | |
| | | N/DENSITY, DU MENT BOND LO | | ARB | JCKLE | | 3336' | -1430' | |
| | | | | | | | | | |
| | | CASING Report all strings set- | RECORD conductor, su | √ Ne urface, inte | | tion, etc. | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Wei Lbs. | | Setting Depth | Type of Cement | # Sacks Used | Type and Percen Additives | |
| SURFACE PIPE | 12 1/4 | 8 5/8 | 23 | | 884.44 | COMMON | 310 | 2%GEL & 3%C0 | |
| PRODUCTION ST | 7 7/8 | 5 1/2 | 14 | | 3388 | ECONOBOND | 150 | | |
| ** · · · · · · · · · · · · · · · · · · | | | <u> </u> | | | | | | |
| | | ADDITIONA | L CEMENTI | NG / SQL | JEEZE RECORI | D | | | |
| Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone | Depth Top Bottom | Type of Cement | #Sacks | s Used | | Type and Pe | ercent Additive | \$ | |
| Chata Bar Sant | PERFORAT | ION RECORD - Bridge Plu | igs Set/Type | | Acid. Fra | acture, Shot, Cement | Squeeze Reco | ord | |
| Shots Per Foot | | Footage of Each Interval Pe | (Amount and Kind of Material Used) Depth | | | | | | |
| 4 | 3336'-3337' | d | <u></u> | 150 GAL 7 1/ | 2% MCA | | | | |
| , | | | | | | 15 to 1400 | | | |
| | | | | | | | | | |
| TUBING RECORD | Size | Set At | Packer / | At | Liner Run | | | | |
| . 27 | | 3330' | A/C 3271' | | | Yes No | | | |
| Date of First, Resumer 6-17-2008 | d Production, SWD or | Enhr. Producing Me | ethod · | Flowin | g 📝 Pump | ing Gas Lift | Ott | ner (Explain) | |
| Estimated Production Per 24 Hours | Oil 8 | Bbls. Gas | Mcf | Wat | er l | Bbls. G | as-Oil Ratio | Gravity 38 | |
| Disposition of Gas | | COMPLETION | | | Production Inte | erval _ | | , | |
| ☐ Vented ☐ Sold | . Used on Lease | Open Holé | ✓ Per | f: ==_ [| , , | · · Commingled _ | | | |
| "(If vented, Si | upmit ACO-18.) | Other (Spe | cify) | | | <u>ـــ</u> ــــ | * | | |



TREATMENT REPORT

| | 02 | | , | | | | | | | | | | | | |
|-----------------|--------------------|---------|--|--|--|---------------|-------------|------------|---------------|----------|---|----------------------------|-----------------|----------------------|---------------------------------------|
| Customer | 2 Op. | iat in | < | Le | ease No. | | | | | Date | | | | | |
| Lease .* | AI | | , | W | ell# | 6 | | | |] | 5 | -4-C | 58 | | |
| Field Order | # Statio | on P. a | ++ | | | (| Casing | Depth 3 | 380 | County | Rus | c. 11 | | State | KS |
| Type Job | CNI | م- د | 1/2 L | .5. | | | | Formation | | | | Legal De | escription 3 | 2-15- | -13 |
| PIF | E DATA | PI | ERFORA | TING | DATA | F | LUID | JSED | | Т | REAT | | RESUME | | , sur |
| Casing Size | Tubing S | ize Sho | ots/Ft | - T . | Eco | Acid | ري | | | RATE | PRE | SS | ISIP | | |
| Depth 380 | Depth | Fro | m4906 | ajo - | 226 | Pre Pac | d () | donde | Max | 1 | | | 5 Min. | | |
| Volume H | Volume | | m ころう。 | | | | | Commer | Min | | | ** arm str | · 10 Min. | | |
| Max Press | | Fro | m 、3 つ。 | To To | 39 2 _= | Frac 5-/SK | C. 11 | Flake | Avg · | | | | 15 Min. | | |
| - Tun (| ion Annulus | | ტ≲ ^{ჯღ} | 180/ | 4000 | | 1/m1 | l | HHP Used | 1 | | | Annulus F | ² ressure | |
| Plug Depth | Packer D | Fro | m | То | | Flush 5 |) ['] | 5 | Gas Volur | ne | | A WAR | Total Load | Ł | |
| Customer Re | presentative) | 990 | | | Station | Manager | 177 | 1. Sco | ++ | Treate | er S | 4000 | Oila | -90 | |
| Service Units | 27283 | 18.845 | 1488 | 39 | 1983 | 1/19 | 863 | | | | | Mark Street Street, Street | | | <u>.</u> . |
| Driver Names | 0.1000 | Tubing | | | 54 | · 6/92 | <u> </u> | | | | | | | | - |
| Time | Casing Pressure | Pressu | | s. Pump | ed | Rate | e | | <u></u> | · · · | Servic | e Log | | · · | |
| 10:00 | | ļ | | | | | | 0,10 | caliun | -5- | fet. | 1 WE | efina | | · · · · · · · · · · · · · · · · · · · |
| <u> </u> | | ļ | · | | | | | Run | 793 | | | | 1651 Mg | | |
| | | | | <u>. </u> | | · | | Cinti | | | | Good . | | | : |
| | | | | | | · | | Casir | • | | | | | | |
| 1, 14 | 3 | : | | | | | | | ¿ Circ | - | 15 | 10 t | ute (| agir | - |
| 1.17 | 350 | | 12 | | | _6_ | | <u> </u> | | | | | | · . | |
| 1:19 | 360 | | | 3 | - | <u> </u> | | , | <u> Clush</u> | | | | | | |
| 1:20 | 300 | • | | <u> フ</u> | | <u> </u> | | 1430 | <u> </u> | | | | | 5 H/ | |
| 1.0-0 | 050 | , | | -1 1 | + | 6 | | mit! | | | 2 1 1 | | | • | Gel |
| | | | _ | | | | | <u> </u> | | <u> </u> | 100 | rpu | wb 41 | <u>: 1 C</u> | <u></u> |
| 1:32 | 0 | | | 1 | | 7 | | | 1 To | - 01 | | | | | |
| 1:41 | 300 | | | 0 0 0 | | -/ | | Star | Pross | splace | a ma | <u> </u> | | | |
| 1:44 | 500 | | | 15 | <u> </u> | 5 | | 51. | • | | __ | NR 07 | 1, | | |
| 1:45 | 1500 | | 2 | 1.5 | | 4 | | 6/2 | in The | | | Jel 3 | - m + i ha | <u>(44)</u> | <u>, ~ 3 -</u> |
| | | | | <u>, , </u> | | | | 7 | 066 | 1- 01 | <u>, , , , , , , , , , , , , , , , , , , </u> | 12. | hanks | -5 | 15.0 |
| | | | | | | | | | 7,10 | 713.1 | • | · | V. 56. N | + | |
| | | | | | | | | | | KANGASO | REC | EIVED | Mecios | | |
| | | , | St. Co. Land | de la | | | | | 1 | | | | A CARL ALL CARE | | <u></u> |
| | | | A Partie | | | | | | | A | UG (| 7 2008 | | | |
| <u> </u> | | | - 1 God | er hydrau y tenen | AR STATE OF THE PARTY OF THE PA | ¥.E | , | | | CON | SERVA | TION DIVIS | T.W. | | |
| | | | | | N. | | | 1, 1 | | | | | | | |
| 1024 | NE Hiw | ay 61 | • P.O. B | ox 8 | 613 • | Pratt, | KS 6 | 7124-861 | 3 • (620 | 672- | 120 | • Fax | (620)6 | 72-53 | 83 |

QUALITY CLWELL CEMENTING, INC.

| Phone 785-483-2025 Cell 785-324-1041 | | D. Box 32 Russell, KS 67665 No. 1969 | | | | | | |
|---|--------------|---|--|--|--|--|--|--|
| Sec. | Twp. Range | Called Out On Location Job Start Finish | | | | | | |
| Date S CC | 43 43/30 | 10 Day | | | | | | |
| Lease // V | Vell No. 16 | ocation County r. State | | | | | | |
| Contractor | Marker 2 | Öwner | | | | | | |
| Type Job | | To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish | | | | | | |
| Hole Size | T.D. 含含。 | cementer and helper to assist owner or contractor to do work as listed. | | | | | | |
| Csg. 8 2 1 | Depth Sec 88 | Charge To | | | | | | |
| Tbg. Size | Depth | Street | | | | | | |
| Drill Pipe | Depth | City State | | | | | | |
| Tool | Depth | The above was done to satisfaction and supervision of owner agent or contractor. | | | | | | |
| Cement Left in Csg. / 15 | Shoe Joint | | | | | | | |
| Press Max. | Minimum | | | | | | | |
| Meas Line | Displace 55 | CEMENT | | | | | | |
| Perf. | | | | | | | | |
| EQUIPA | MENT | Amount Ordered 3/0 (3200 256.1 | | | | | | |
| | of the same | Consisting of | | | | | | |
| Bulktrk 4 No. Driver Driver | matha | Common 3/0 @ 12.10 3751.00 | | | | | | |
| Bulktrk No. Driver 7 22 | | Poz. Mix | | | | | | |
| JOB SERVICES | & REMARKS | Gel. 6 @ 18.00 108.00 | | | | | | |
| Pumptrk Charge LUNG Six | IFACE 950.0 | 10 Chloride 11 @ 50.00 550,00 | | | | | | |
| Mileage 16 (2) 7.00 | 112.4 | 70 Hulls | | | | | | |
| Footage | | Salt | | | | | | |
| | Total 1062, | OO Flowseal | | | | | | |
| Remarks: | | | | | | | | |
| | | | | | | | | |
| | | Sales Tax | | | | | | |
| | | Handling 327 @ 2.00 654,00 | | | | | | |
| | | Mileage . 08 PSI BACK /21 MIR. 418.56 | | | | | | |
| | | JUNG TRUCK CHARGE Sub Total 1.062.00 | | | | | | |
| | | Total | | | | | | |
| | | Floating Equipment & Plugs 1/2 km 1 1 1/2.00 | | | | | | |
| | | Squeeze Manifold | | | | | | |
| | | Rotating Head 💥 💥 | | | | | | |
| | | RECEIVED | | | | | | |
| | | KANSAS CORPORATION COMMISSION | | | | | | |
| AWA | | AUG 0 7 2008 | | | | | | |
| 1 | | Tax 329,30 | | | | | | |
| - 1.1.1. | | CONSERVATION DIVISION DISCOUNT (665:00) | | | | | | |
| Signature Augustus | | | | | | | | |