API NO. 15- N/A 3034-0001

| STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM | API NO. 15- N/A 30396-00 | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE | E _NENENE Sec28 Twp16S Rge11X_W | | | | |
| perator: License # 3613 | 4950 Feet from S/N (circle one) Line of Section | | | | |
| Name:Hallwood Petroleum, Inc | | | | | |
| Address4582 S. Ulster Street Parkway, #1700 | Footages Calculated from Nearest Outside Section Corner: | | | | |
| P.O Box 378111 | NE, (SB), NW or SW (circle one) | | | | |
| City/State/ZipDenver, Colorado 80237 | Lease NameE. F. EsfeldWell # _8 | | | | |
| Purchaser: | Field NameKraft-Prusa | | | | |
| Operator Contact Person:Nonya K. Durham | Producing FormationL-KC "A", "B", "F" & "G" | | | | |
| Phone (_303_)_850-6257 | Elevation: Ground1918' KB1921' | | | | |
| | Total Depth3400' PBTD3334' | | | | |
| Contractor: Name: | Amount of Surface Pipe Set and Cemented at757' Feet | | | | |
| License: | Multiple Stage Cementing Collar Used? YesX No | | | | |
| Wellsite Geologist: None | If yes, show depth set Feet | | | | |
| esignate Type of Completion New Well Re-EntryX Workover | If Alternate II completion, cement circulated from | | | | |
| X Oil SWD SIOW Temp. Abd. | feet depth to sx cmt. | | | | |
| Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc) | | | | | |
| If Workover: | Drilling Fluid Management Plan REWORK 994 1-19-96 (Data must be collected from the Reserve Pit) | | | | |
| Operator: Pan American Petroleum Corp. | Chloride contentbbls | | | | |
| Well Name: E.F. Esfeld #8 | Dewatering method used | | | | |
| Comp. Date 1-12-66 Old Total Depth 3400' | Location of fluid disposal if hauled offsite: | | | | |
| _X_ ACIDIZED Conv. to Inj/SWD | sociation of real disposal in flucted offsite. | | | | |
| Plug Back PRTD | Operator Name | | | | |
| Commingled Docket No. Dual Completion Docket No. | Lease NameLicense No | | | | |
| Other (SWD or Inj?) Docket No. | Quarter Sec Twp S RngE/W | | | | |
| 11/2/95 11/8/95 Start Date of Date Reached TD Completion Date of | County Docket No. | | | | |
| WORKOVER WORKOVER | Docket No. | | | | |
| Derby Building, Wichita, Kansas 67202, within 120 days of 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 records. | be filed with the Kansas Corporation Commission, 200 Colorado the spud date, recompletion, workover or conversion of a well. side 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 ls. Submit CP-111 form with all temporarily abandoned wells. | | | | |
| | | | | | |
| with and the statements herein are complete and correct to the | gated to regulate the oil and gas industry have been fully complied best of my knowledge. | | | | |
| V AD () | | | | | |
| Nonya K. Durham | K.C.C. OFFICE USE ONLY Letter of Confidentiality Attached | | | | |
| TitleProduction Technician Date | C Wireline Log Received Geologist Report Received | | | | |
| Subscribed and sworn to before me this 444 day of 19 96 . | ury, | | | | |
| - ()) & OAD IN | KCC SWD/Rep NGPA | | | | |
| Notary Public // / / / / / / / / / / / / / / / / / | KGS Plug Cother (Specify) | | | | |
| te Commission Expires | 1411 1 2 1900 | | | | |
| | Form ACO-1 (7-91) | | | | |
| | | | | | |
| | | | | | |

| Operator Name | 77.6 | troleum, Inc | | | sfeld | | 88 | |
|-------------------------------------------|------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------|---------------------------------------|-------------------------------|--|
| Sec28 Twp169 | S_ Rge11 | □ East ⊠ West | County | Barton | | | | |
| interval tested, ti | me tool open a s, bottom hole t | and base of formatind closed, flowing a temperature, fluid re opy of log. | and shut-in pres | sures, whet | her shut-in pre | ssure read | ched static level | |
| Drill Stem Tests Tak (Attach Additiona | | ☐ Yes ⊠ No | Log | Formatio | n (Top), Depth | and Datums | ☐ Sample | |
| Samples Sent to Geological Survey Yes No | | Name | Тор | | | Datum | | |
| Cores Taken | | ☐ Yes ⊠ No | L-KC "A" | | 3062 | , | (-1141) | |
| Electric Log Run | | | L-KC "B" | L-KC "B" 3090' | | , | (-1169) | |
| (Submit Copy.) | | | L-KC "F" | L-KC "F" 3135' | | , | (-1214) | |
| List All E.Logs Run: | | | L-KC "G" | | 3148 | , | (-1227) | |
| | | CASING RECORD | | | | | | |
| | Report al | l strings set-conduc | ט New U tor, surface, ii | | production, etc | C. | | |
| 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 3/4" | 33# | 757' | H-40, 8R | 500 | | |
| Production | | 711 | 26# | 3399 ' | N-80, 8R | 175 | | |
| | | | | | | | | |
| | ADDITIONAL CE | MENTING/SQUEEZE REC | ORD | | | · · · · · · · · · · · · · · · · · · · | 1 | |
| Purpose: | Depth Top Bottom | Type of Cement | Cement #Sacks Used | | Type and Percent Additives | | | |
| Protect Casing Plug Back TD Plug Off Zone | | | | | | | | |
| | | | | | | | | |
| Shots Per Foot | | RECORD - Bridge Plu e of Each Interval P | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth | | | | | |
| 4 spf | 3062'-64' | L-KC "A" | | (existing perfs) | | | | |
| 4 spf | 3090'-94' | L-KC "B" [NEW] ? | | 500 gal 15% NE w/Clay Stay | | | | |
| 4 spf | 3135′-37′ | L-KC "F" | | (existing perfs) | | | | |
| 4 spf | 3148′-50′ | L-KC "G" [NEW] | | 1) 250 gal 15% NE w/Clay Sta 2) 750 gal 15% NE w/checker | | | tay c sol | |
| TUBING RECORD | Size 2 7/8" | Set At 3291' | Packer At | Liner Run | ☐ _{Yes} ⊠ | No | | |
| Date of First, Resu 11/15 | | SWD or Inj. Produ | cing Method | lowing 🗵 Pun | mping Gas Li | ift 🗆 oth | er (Explain) | |
| Estimated Production Per 24 Hours | n Oil | Bbls. Gas 1.5 - | Mcf Water | Bbls. 337 | Gas-Oit | Ratio | Gravity 40 | |
| isposition of Gas: | N/A METHOD OF | COMPLETION | | Pro | duction Interva | ıl | | |
| Vented Sold (If vented, su | | | Hole ⊠ Perf. (Specify) | Dually | Comp. Commi | ngled _3 | 7062'-3150' | |