

ORIGINAL

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

API NO. 15- 175-21195 000

Operator: License # 03908

Name: Parker & Parsley Development Co.

Address 9400 N. Broadway, Suite 640
Oklahoma City, OK 73114

City/State/Zip

Purchaser: KN Energy

Operator Contact Person: Mike Stafford

Phone (405) 478-4914

Contractor: Name: H-40 Drilling

License: 30692

Wellsite Geologist: Dave Chroback

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: N/A

Well Name: N/A

Comp. Date N/A Old Total Depth N/A

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

9/16/91 9/24/91 12/21/91
Spud Date Date Reached TD Completion Date

County Seward
90 S & 10' E of
NW SW SE Sec. 14 Twp. 31S Rge. 32 X E

900 Feet from (S/N) (circle one) Line of Section
2300 Feet from (E/W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, (SE) NW or SW (circle one)

Lease Name Clark Well # 1A

Field Name Hugoton

Producing Formation Herrington, U. & L. Krider

Elevation: Ground 2847 KB 2858

Total Depth 5600 PBTB 2736

Amount of Surface Pipe Set and Cemented at 1741 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set N/A Feet

If Alternate II completion, cement circulated from N/A

feet depth to N/A w/ N/A sx cnt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content 2100 ppm Fluid volume 2100 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite:

Operator Name N/A

Lease Name N/A License No. N/A

Quarter Sec. Twp. S Rng. E/W

County N/A Docket No. N/A

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report 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.

All requirements of the statutes, rules and regulations promulgated to regulate 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 *Mike Stafford*

Title Sr. Production Engineer Date 02-03-92

Subscribed and sworn to before me this 3rd day of February 19 92.

Notary Public Cheryl Claxton

Date Commission Expires October 22, 1994

2-6-92

| K.C.C. OFFICE USE ONLY | | |
|--------------------------|------------------------------------|--|
| F | Letter of Confidentiality Attached | |
| C | Wireline Log Received | |
| CD | Geologist Report Received | |
| Distribution | | |
| <input type="checkbox"/> | SWD/Rep | <input type="checkbox"/> NGPA |
| <input type="checkbox"/> | Plug | <input type="checkbox"/> Other (Specify) |

RECEIVED
STATE CORPORATION COMMISSION
FEB 08 1992
CONSERVATION DIVISION
WICHITA, KANSAS

2-6-1992

Operator Name Parker & Parsley Development Co. Lease Name Clark Well # 1A

Sec. 14 Twp. 31S Rge. 32 East West
 County Seward

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

List All E.Logs Run:

DIL, CNL/CDL, ML
 (previously submitted)

| Name | Top | Datum |
|--------------|------|-----------|
| Herrington | 2618 | 2626 |
| U. Krider | 2650 | 2662 |
| L. Krider | 2668 | 2704 |
| Winfield | 2718 | 2748 |
| Ft. Riley | 2784 | 2818 |
| Checkerboard | 3988 | 3994 |
| Heebner | 4152 | 4192 |
| 13 Finger | 5228 | 5406 |
| Morrow Z | 5406 | 5494 |
| Chester | 5494 | 5600 (TD) |

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|-------------------|---------------------------|-----------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, 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 | 12.25 | 8.625 | 24 | 1741 | 65/35 Poz | 600 | 5% salt |
| Surface | cont'd | | | | Class C | 175 | 2% CC |
| Production | 7.875 | 4.5 | 11.6 | 3013 | Class H | 150 | 10% Thixad |

| ADDITIONAL CEMENTING/SQUEEZE RECORD | | | | |
|---|------------------|----------------|-------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate | | | | |
| <input type="checkbox"/> Protect Casing | | | | |
| <input type="checkbox"/> Plug Back TD | | | | |
| <input type="checkbox"/> Plug Off Zone | | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|--|--|---------|
| 2 | Ft. Riley @ 2776-80 | 3000 gal 15% Fe HCl | 2776-80 |
| | Test 1 BWPB, Gas TSTM | Set CIBP | 2749 |
| | Herrington, U & L Krider @ | 2500 gal 15% Fe HCl | 2619-90 |
| 2 | 2619-24, 2646-58, & 2670-90 | 60100# 10/20 w/ 614 BBL | 2619-90 |

TUBING RECORD Size 2.375 Set At 2619 Packer At N/A Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. WOPLC Producing Method Flowing Pumping Gas Lift Other (Explain)

| Estimated Production Per 24 Hours | Oil | Bbls. | Gas | Mcf | Water | Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----|-------|-----|-----|-------|-------|---------------|---------|
| | 0 | | 248 | | 24 | | 0 | N/A |

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval 2619-90



THE WESTERN COMPAN
CEMENT JOB DETAIL SHEET

ORIGINAL

| | | | | | | | | | | | |
|--|---------------|---------------------------|-------------------|---------------------|-------------------|----------------------------|---------------|-----------|------------------|------------|---------------|
| CUSTOMER | | DATE | F.R.# | SER. SUP. | TYPE JOB | | | | | | |
| LEASE & WELL NAME-OCSG | | | LOCATION | COUNTY-PARISH-BLOCK | | | | | | | |
| DISTRICT | | DRILLING CONTRACTOR RIG # | | OPERATOR | | | | | | | |
| MATERIAL FURNISHED BY WPS | TYPE OF PLUGS | | LIST-CSG-HARDWARE | SQ MANI FOLD | TOP OF EACH FLUID | PHYSICAL SLURRY PROPERTIES | | | | | |
| | TOP BTM | | | Y N | | SLURRY WGT PPG | SLURRY YLD FT | WATER GPS | PUMP TIME HR:MIN | Bbl SLURRY | Bbl MIX WATER |
| | 2 1/2 SW | | FS-FC-CENT-2K | | | 150 | 1.50 | 7 | 2 | 40 | 24 |
| 150 CLASS H ₂ O = 10% SALT 10% Thiyaad | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|------------------------------|----------|-------|---------------------------------|--------------|--------|--------------|-------|---------|---------------|-------------|------------------|-------------|--------|--------------|--|--------------|--|
| Available Mix Water 300 Bbl. | | | Available Displ. Fluid 300 Bbl. | | | TOTAL | | | | | | | | | | | |
| HOLE | | | TBG-CSG-D.P. | | | TBG-CSG-D.P. | | | COLLAR DEPTHS | | | | | | | | |
| SIZE | % EXCESS | DEPTH | SIZE | WGT. | TYPE | DEPTH | SIZE | WGT. | TYPE | DEPTH | SHOE | FLOAT | STAGE | | | | |
| 7 7/8 | 10 | 3025 | 4 1/2 | 11.6 | KSS | 3025 | | | | | 3025 | 2987 | | | | | |
| LAST CASING | | | PKR-CMT RET-BR PL-LINER | | | PERF. DEPTH | | | TOP CONN | | WELL FLUID | | | | | | |
| SIZE | WGT | TYPE | DEPTH | BRAND & TYPE | | DEPTH | TOP | BTM | SIZE | THREAD | TYPE | WGT. | | | | | |
| 8 3/4 | 29 | KSS | | | | | | | 4 1/2 | 85 | Mud | 92 | | | | | |
| CAL. DISPL. VOL.-Bbl. | | | | CAL. PSI | | CAL. MAX PSI | | OP. MAX | | MAX TBG PSI | | MAX CSG PSI | | DISPL. FLUID | | WATER SOURCE | |
| TBG. | CSG. | CSG. | TOTAL | BUMP PLUG | TO REV | SQ. PSI | RATED | OP. | RATED | OP. | TYPE | WGT. | SOURCE | | | | |
| | | | 16 1/4 | 400 | | | | | | | H ₂ O | 8.3 | Rib | | | | |

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

| PRESSURE/RATE DETAIL | | | | | | EXPLANATION | |
|----------------------|--------------|---------|----------|-------------------|------------------|--|-----|
| TIME HR: MIN. | PRESSURE-PSI | | RATE BPM | Bbl. FLUID PUMPED | FLUID TYPE | SAFETY MEETING: WPS CREW <input type="checkbox"/> CO. REP <input type="checkbox"/> | |
| | PIPE | ANNULUS | | | | TEST LINES | PSI |
| 19:42 | 200 | | 5 1/2 | 20 | | CIRCULATING WELL-RIG <input type="checkbox"/> WPS <input type="checkbox"/> | |
| 19:46 | 200 | | 5 | 20 | | Wm 4 1/2 | |
| 19:50 | 200 | | 5 | 40 | | H ₂ O PAD | |
| 19:58 | | | | | | MIX CMT 150 | |
| 20:01 | 200 | | 6 | 0 | H ₂ O | DROP PLUG (WASH OFF) | |
| 20:09 | 400 | 110 | 3 | 46 1/4 | H ₂ O | DISP W/ H ₂ O | |
| 20:10 | 0 | | | | | Bump Plug | |
| | | | | | | CHECK FLOAT | |

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CONSERVATION DIVISION
WICHITA, KANSAS

| | | | | | | | |
|-------------|------------------|-------------------|-------------------|----------------------------|-----------------|-----------------|---------------|
| BUMPED PLUG | PSI TO BUMP PLUG | TEST FLOAT EQUIP. | TOTAL Bbl. PUMPED | Bbl. CMT RETURNS/ REVERSED | PSI LEFT ON CSG | SPOT TOP CEMENT | SER. SUP. |
| Y N | 500 | Y N | | | | | D. Arrington |
| | | | | | | | CUSTOMER REP. |
| | | | | | | | M. Stanford |



**THE WESTERN COMPANY
CEMENT JOB DETAIL SHE**

ORIGINAL

| | | | | | | | | | | | | |
|-------------------------------------|--|---------------------------|--|----------|--------------|---------------------|----------------------------|---------------|------------|------------------|------------|---------------|
| CUSTOMER | | | DATE | F.R. # | SER. SUP. | TYPE JOB | | | | | | |
| LEASE & WELL NAME - OCSG | | | | LOCATION | | COUNTY-PARISH-BLOCK | | | | | | |
| DISTRICT | | DRILLING CONTRACTOR RIG # | | | OPERATOR | | | | | | | |
| MATERIAL FURNISHED BY WPS | TYPE OF PLUGS | | LIST-CSG-HARDWARE | | SQ MANI FOLD | TOP OF EACH FLUID | PHYSICAL SLURRY PROPERTIES | | | | | |
| | TOP BTM | | | | Y N | | SLURRY WGT PPG | SLURRY YLD FT | WATER GPS | PUMP TIME HR-MIN | Bbl SLURRY | Bbl MIX WATER |
| | 600 SXS - PACESITTER lite II - 5% SALT | | 1/4" #54 Cello- | | | | 12.1 | 2.31 | 13 | 5 | 9-17 | 190 |
| | 175 SXS - CLASS C Cmt, - 2% C.C. | | 1/4" #54 Cello- | | | | 14.8 | 1.32 | 6.3 | 3 1/2 | 41 | 26 |
| Available Mix Water <u>300</u> Bbl. | | | Available Displ. Fluid <u>300</u> Bbl. | | | TOTAL | | <u>288</u> | <u>216</u> | | | |

| | | | | | | | | | | | | | | | |
|-------------------------|----------|-------|-------------------------|--------------|--------|--------------|-------|----------|---------------|-------------|------|-------------|-------|--------------|--------------|
| HOLE | | | TBG-CSG-D.P. | | | TBG-CSG-D.P. | | | COLLAR DEPTHS | | | | | | |
| SIZE | % EXCESS | DEPTH | SIZE | WGT. | TYPE | DEPTH | SIZE | WGT. | TYPE | DEPTH | SHOE | FLOAT | STAGE | | |
| 12 1/4 | 100 | 741 | 8 7/8 | 24 | K55 | 1743 | - | - | - | - | 1741 | 1700 | - | | |
| LAST CASING | | | PKR-CMT RET-BR PL-LINER | | | PERF. DEPTH | | TOP CONN | | WELL FLUID | | | | | |
| SIZE | WGT | TYPE | DEPTH | BRAND & TYPE | | DEPTH | TOP | BTM | SIZE | THREAD | TYPE | WGT. | | | |
| - | - | - | - | - | | - | - | - | 8 7/8 | 88 | H50 | 8.5 | | | |
| CAL. DISPL. VOL. - Bbl. | | | | CAL. PSI | | CAL. MAX PSI | | OP. MAX | | MAX TBG PSI | | MAX CSG PSI | | DISPL. FLUID | WATER SOURCE |
| TBG. | CSG. | CSG. | TOTAL | BUMP PLUG | TO REV | SQ. PSI | RATED | OP. | RATED | OP. | TYPE | WGT. | | | |
| - | - | - | 108.2 | 109.2 | 200 | - | - | - | - | - | H30 | 8.3 | RIF | | |

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: _____

| PRESSURE/RATE DETAIL | | | | | | EXPLANATION | |
|----------------------|------------------|-------------------|-------------------|----------------------------|------------------|--|---------------------------------------|
| TIME HR: MIN. | PRESSURE-PSI | | RATE BPM | Bbl. FLUID PUMPED | FLUID TYPE | SAFETY MEETING: WPS CREW <input type="checkbox"/> CO. REP <input type="checkbox"/> | |
| | PIPE | ANNULUS | | | | TEST LINES | |
| 23:49 | 200 | | 6 | 20 | H ₂ O | H ₂ O AHEAD | |
| 23:53 | 200 | | 6 | 288 | Cmt | MIX CMT 600/175 | |
| 00:33 | | | | | | DBOP Plug - WASH ON | |
| 00:34 | 100 | 650 | 5 1/3 | 0 | H ₂ O | DISP W/ H ₂ O | |
| 00:57 | 630 | 1000 | 2 | 108 | H ₂ O | Bump Plug | |
| 00:58 | 0 | | | 171 | | CHECK FLOAT | |
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| | | | | | | | |
| BUMPED PLUG | PSI TO BUMP PLUG | TEST FLOAT EQUIP. | TOTAL Bbl. PUMPED | Bbl. CMT RETURNS/ REVERSED | PSI LEFT ON CSG | SPOT TOP CEMENT | SER. SUP. |
| Y N | 650 | Y N | | | 0 | 0 | CONSERVATION DIVISION WICHITA, KANSAS |

*Thank you
Dave + crew*

RECEIVED
STATE CORPORATION COMMISSION

FEB 06 1992

CONSERVATION DIVISION
WICHITA, KANSAS

R