

ORIGINAL

SIDE ONE

21546-0001

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

Operator: License # 03908

Name: Parker & Parsley Development L.P.

Address 14000 Quail Sprgs.Pkwy, Ste.5000

City/State/Zip Oklahoma City, OK 73134-2600

Purchaser: K.N. Energy

Operator Contact Person: Mark Reichardt

Phone ( 405 ) 749-1780

Contractor: Name: Murfin Drilling

License: 30606

Wellsite Geologist: Arden Ratzlaff

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-Entry: old well info as follows:  
Operator: PARKER & PARSLEY DEVELOPMENT

Well Name: HUSTON #3-24

Comp. Date 3/30/97 Old Total Depth 5050'

Deepening  Re-perf.  Conv. to Inj/SWD

Plug Back 2846' PBTB

Commingled Docket No. \_\_\_\_\_

Dual Completion Docket No. \_\_\_\_\_

Other (SWD or Inj?) Docket No. \_\_\_\_\_

3-19-97

4/9/97

Spud Date of START Date Reached TD \_\_\_\_\_ Completion Date \_\_\_\_\_  
OF WORKOVER

API NO. 15- 055-225460001

County Finney

C ' SE ' \_\_\_\_\_ Sec. 24 Twp. 24 Rge. 32 X E W

1,370 Feet from SW (circle one) Line of Section

1,370 Feet from SW (circle one) Line of Section

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

Lease Name Huston Well # 3-24

Kansas - Hugoton

Producing Formation Chase

Elevation: Ground 2,883' KB \_\_\_\_\_

Total Depth 5,050' PBTB 2,846'

Amount of Surface Pipe Set and Cemented at 1,965' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 6-27-97

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan REWORK JK 7-11-97  
(Data must be collected from the Reserve Pit)

Chloride content 600 ppm Fluid volume 3,000 bbls

Dewatering method used Evaporation & Backfill

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name N / A

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rge. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

INSTRUCTIONS: An Original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market, Room 2078, Wichita, Kansas 67202-1212, 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 Mark Reichardt

Title Sr. Operations Engineer Date 6/25/97

Subscribed and sworn to before me this 25th day of June 1997

Notary Public [Signature]

Date Commission Expires October 22, 1998

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

SIDE TWO

Operator Name Parker & Parsley Development L.P.

Lease Name Huston Well # 3-24

East

County Finney

Sec. 24 Twp. 24 Rge. 32  West

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.)

Log Formation (Top), Depth and Datums  Sample

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
(Submit Copy.)

Name	Top	Datum
Chase	2,595'	KB
Upper Krider	2,620'	KB
Winfield	2,683'	KB

List All E.Logs Run:

Cement Bond Log  
Spectral Density Dual Spaced Neutron II Log  
Microlog  
Dual Induction Laterolog

CASING RECORD  New  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 Casing	12 1/4"	8 5/8"	24#	1,965'	35-65 PozC	850	6%D20, 2%S-1
Production Casing	7 7/8"	5 1/2"	14, 15.5#	2,900'	Class "C"	390	3%D-79, 2%D46

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	2628' - 2644' 2650' - 2666', 2688-2704	N2 foam frac, 3 stage, 28,160 Gals	
	Bridge Plug @ 2,674', PBTD @ 2,846		

TUBING RECORD Size 2 7/8" Set At 2,727' Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First Resumed Production, SWD or Inj. Production 4/07/97 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

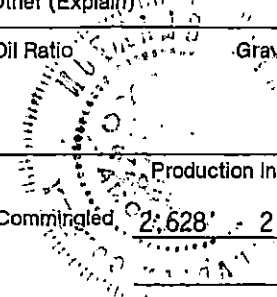
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
-	-	80	25		

Disposition of Gas:

METHOD OF COMPLETION

Vented  Sold  Used on Lease  
(If vented, submit ACO-18.)

Open Hole  Perforation  Dually Completed  Commingled 2,628' - 2,704'  
 Other (Specify)



Dowell

STAGE 1072 OS 03 DISTRICT 13-14-97

OS 488-A PRINTED IN U.S.A.

WELL NAME AND NO. *Huston #3* LOCATION (LEGAL) *SC* FORMATION *ORIGINAL*

COUNTY/PARISH *Lincoln* STATE *KS*

NAME *Parker & Parson*

ADDRESS

SPECIAL INSTRUCTIONS *Label cement 5445 after customer instructions*

RIG NAME: <i>MUCFL # 21</i>	
WELL DATA:	
BIT SIZE <i>7 7/8</i>	CSG/Liner Size <i>5 1/2</i>
TOTAL DEPTH <i>2860</i>	WEIGHT <i>14</i>
<input type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE <i>2903</i>
MUD TYPE	GRADE <i>3</i>
<input type="checkbox"/> BHST	THREAD <i>6RD</i>
MUD DENSITY	LESS FOOTAGE SHOE JOINTS <i>2860</i>
MUD VISC.	Disp. Capacity <i>70</i>

TYPE	<i>AutoFillins</i>	TYPE	
DEPTH	<i>2860</i>	DEPTH	
TYPE	<i>antipress</i>	TYPE	
DEPTH	<i>2894</i>	DEPTH	

<input type="checkbox"/> Double	SIZE	TOOL	TYPE
<input type="checkbox"/> Single	WEIGHT	DEPTH	
<input type="checkbox"/> Swage	GRADE	TAIL PIPE SIZE	DEPTH
<input type="checkbox"/> Knoknot	THREAD	TURNING VOLUME	
TOP <input type="checkbox"/> NEW <input type="checkbox"/> USED	DEPTH	CASING VOLUME	
BOT <input type="checkbox"/> NEW <input type="checkbox"/> USED	DEPTH	TOTAL	
		ANNUAL VOLUME	

IS CASING/TUBING SECURED?  YES  NO

LIFT PRESSURE *1710* PSI CASING WEIGHT + SURFACE AREA *(3.14 x 9')*

PRESSURE LIMIT *1500* PSI BUMP PLUG TO *1215* PSI

ROTATE RPM  RECIPROGATE FT No. of Centralizers

ARRIVE ON LOCATION TIME *0800* DATE: *3-14* LEFT LOCATION TIME DATE:

TIME	PRESSURE		VOLUME PUMPED (GAL)		INJECT RATE	FLUID TYPE	FLUID DENSITY	REMARKS
	TBG OR D.P.	CASING	INCREMENT	CUM				
0001 to 2400								
1237		1980	X			H2O 8.3	BST TEST	
1239		140	10	X	5.6	" "	START H2O	
1241		140	10	10	5.6	" "	chem wash	
1243		240	95	20	5.6	CMT 11.5	LRCMT	
1249		35	75	2	" "	" "	lower rate	
1316		40	43	115	2	CMT 14.8	TL CMT	
1321		30	126	3	" "	" "	Increase Rate	
1323		50	131	4	" "	" "	" "	
1324		100	135	5	" "	" "	" "	
1326		130	137	5.3	" "	" "	" "	
1328			156	5.3	" "	" "	grip down	
1332		20	X	5.3	H2O 8.3		prep plug start disp	
1340		290	40	" "	" "	" "	precheck	
1344		650	60	" "	" "	" "	1st check lower rate	
1348		690	69	2	" "	" "	" "	
1349		1215	70	2	" "	" "	prep plug	

REMARKS *bleed line check float*

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
			PORTLAND CEMENT	ADJUTANTS	RB'S	DENSITY
1.	225	2.75	C+32.0794+0.20 0.46+0.20 5-1+4.5RD-29		85	11.5
3.	175	1.37	C+7.0% 5-1+2% B 28 +0.6% D-60 +0.2% 0.46		41	14.8

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	1215 MAY 20 MIN
CIRCULATION SO.	CIRCULATION LOST	YES NO	Cement Circulated to End	YES NO 70% 05
BREAKDOWN	PSI FINAL	PSI	DISPLACEMENT VOL. 70	BUS
Washed Trip Pads	YES NO	NO	MEASURED DISPLACEMENT	WIRELINE
PERFORATIONS				

CUSTOMER REPRESENTATIVE *Taylor Mulla* SUPERVISOR *Ray Pearson*