



KANSAS CORPORATION COMMISSION 1053075
 OIL & GAS CONSERVATION DIVISION

Form ACO-1
 June 2009
 Form Must Be Typed
 Form must be Signed
 All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 6039
 Name: L. D. Drilling, Inc.
 Address 1: 7 SW 26TH AVE
 Address 2:
 City: GREAT BEND State: KS Zip: 67530 + 6525
 Contact Person: L. D. DAVIS
 Phone: (620) 793-3051
 CONTRACTOR: License # 33323
 Name: Petromark Drilling, LLC
 Wellsite Geologist: NA
 Purchaser: M V PURCHASING

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.):

If Workover/Re-entry: Old Well Info as follows:
 Operator: NATIONAL PETROLEUM RESERVES, INC.

Well Name: #1 KARST

Original Comp. Date: 08/27/1984 Original Total Depth: 3700

Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: Plug Back Total Depth
 Commingled Permit #:
 Dual Completion Permit #:
 SWD Permit #:
 ENHR Permit #:
 GSW Permit #:

01/07/2011	01/09/2011	02/11/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-009-23655-00-01

Spot Description:
 NE NE SE Sec. 31 Twp. 18 S. R. 15 East West
 2,310 Feet from North / South Line of Section
 330 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Barton

Lease Name: KARST OWWO Well #: 1-31

Field Name: OTIS-ALBERT

Producing Formation: REAGAN SAND

Elevation: Ground: 1985 Kelly Bushing: 1986

Total Depth: 3714 Plug Back Total Depth: 3658

Amount of Surface Pipe Set and Cemented at: 1002 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: Feet

If Alternate II completion, cement circulated from:

feet depth to: w/ sx cmf.

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

Chloride content: ppm Fluid volume: bbls

Dewatering method used:

Location of fluid disposal if hauled offsite:

Operator Name:

Lease Name: License #:

Quarter Sec. Twp. S. R. East West

County: Permit #:

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

Letter of Confidentiality Received
 Date:
 Confidential Release Date:
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
 ALT I II III Approved by: Deanna Garrison Date: 04/06/2011



1053075

Operator Name: L. D. Drilling, Inc. Lease Name: KARST OWWO Well #: 1-31
 Sec. 31 Twp. 18 S. R. 15 East West County: Barton

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: GAMMA RAY / NEUTRON LOG SONIC CEMENT BOND LOG	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>REAGAN SAND</td> <td>3585</td> <td>-1599</td> </tr> </table>	Name	Top	Datum	REAGAN SAND	3585	-1599
Name	Top	Datum					
REAGAN SAND	3585	-1599					

CASING RECORD <input type="checkbox"/> New <input checked="" 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
PRODUCTION	7.875	5.5	24	3705	60/40 POZMIX	180	18% Salt, 1/2% CFR, 1/4# CF, 5# GII

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
— Perforate				
— Protect Casing	-			
— Plug Back TD				
— Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	3612 - 3614'	500 gal 7 1/2% NE Acid	
4	3585 - 3587'	500 gal 1 1/2% NE Acid	

TUBING RECORD: Size: <u>2.375</u> Set At: <u>3643</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First, Resumed Production, SWD or ENHR. <u>02/21/2011</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718:03147 A

DATE _____ TICKET NO. _____

DATE OF JOB: 1-9-11	DISTRICT: PRATT, KS	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:		
CUSTOMER: LD DRILLING	LEASE: KARST QUINN	WELL NO: 131							
ADDRESS:	COUNTY: BARTON	STATE: KS							
CITY:	STATE:	SERVICE CREW: K.C. MARRAS, PAUL							
AUTHORIZED BY:	JOB TYPE: CWU - LOW STRONG								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
19701		19826					1-7		0800
		19860	1/2			ARRIVED AT JOB		PM	0500
19703						START OPERATION		AM	1100
19905	1/2					FINISH OPERATION		AM	1130
						RELEASED		AM	1200
						MILES FROM STATION TO WELL		PM	65

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CF103	6" 1/2 POL	SK	150		1800.00
CF103	6" 1/2 POL	SK	30		360.00
CF107	CELF LATE	1/2	38		740.00
CF111	SHIRT	1/2	1334		667.00
CF112	CFR	1/2	65		390.00
CF201	WILSONITE	1/2	750		502.50
CF103	5" 1/2 TOP HUBBARD REAR	EA	1		105.00
CF251	5" 1/2 GUIDE SHOE	EA	1		250.00
CF1431	5" 1/2 WEA DWSM FRONT	EA	1		215.00
CF1631	5" 1/2 TURBO DRILL	EA	5		550.00
CF704	CS-12 HLL	EA	1		35.00
CF151	UNION FLSH	EA	500		150.00
E100	PICKUP MILE	mile	65		276.25
E101	TRUCK MILE	mile	130		910.00
E113	BLACK DELIVERY	TR	514		871.60
CF224	PUMP MOTOR	EA	1		2160.00
CF240	BLENDING CHUCK	SK	180		252.00
CF504	PLUG CONTAINER	EA	1		250.00
5003	STAINLESS SUPPLIES OR	EA	1		175.00

SUB TOTAL DLS 7202.97

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE: K. CONLEY	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
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FIELD SERVICE ORDER NO. _____

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

BASIC

energy services, L.P.

TREATMENT REPORT

Customer LD DRILLING	Lease No.	Date
Lease KARST OWWO	Well # 1-31	1-9-11
Field Order # 3787	Station PRATT, KS	Casing 5 1/2
Type Job CNW-LOWSTRONG	Depth 3705	County BARTON
	Formation TD-3715	State Ks
		Legal Description 31-18-15

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
3 1/2							
Depth 3705	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 3687	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative LD	Station Manager SCOTT	Treater CONLEY
Service Units 19907	19903-19905	19826-19860
Driver Names 156	WANTZ	BRAD

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0500					DN LOCATE ON 18-5.5
					RUN 3705' 5 1/2" I.D. CSG. - 97 STS
					GRIND SIDE. INSERT 12" COLLAR
					CEMT - 1-3-5-7-9
					DR. BOTTOM - DR. P. BAL. - CIRC.
					SET 5 1/2" AT 3705' W/ LAND ST.
					SPOT COLLAR AT GROUND LEVEL
1100	200		20	6	PUMP 20 GAL. 2% HCL
	360		12	6	PUMP 12 GAL. W/ D. F. WASH
	300		3	6	PUMP 3 GAL. H₂O
	200		31	6	MIX 150.5K 60/40. P02
					18% SBR 1/2% CFR 1/4" MESH
					5" PAD. SNOTE AT 154.000
					WASH PUMP & LOG - DR. P. PUIS
	0		0	6 1/2	START DESP.
	700		68	6 1/2	1.5 FT CEMENT
	840		85	3	SLOW RATE
1150	1000		90.3	3	PULL DOWN - H₂O
					PULL PRT HOLE - 305K 60/40 P02
1200					JOB COMPLETE - H₂O