

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

ORIGINAL

Operator: License # 32959

Name: Deep Rock Exploration

Address 111 W. 12th
Goodland, Ks 67735

City/State/Zip _____

Purchaser: _____

Operator Contact Person: Ross McGukin

Phone (785) 899-7060

Contractor: Name: Mufin Drilling

License: 30606

Wellsite Geologist: Curtis Covey

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/Reentry: Old Well Info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTB

Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

4-30-02 Spud Date 5-11-02 Date Reached TD Completion Date

API NO. 15- 199-20291-0000

County Wallace

SE-NWSW Sec. 13 Twp. 14 Rge. 39 X W

1588 Feet from (S) (circle one) Line of Section
769 Feet from (W) (circle one) Line of Section

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

Lease Name Fry Well # 1

Field Name _____

Producing Formation Niobrara

Elevation: Ground 3469 KB 3474

Total Depth 5104 PBTB 1106

Amount of Surface Pipe Set and Cemented at 369 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 369
 feet depth to surface w/ _____ sx cmt.

Drilling Fluid Management Plan MTI WAM 7-25-07
 (Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used Evapoate

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ 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, 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 [Signature]

Title Agent Date 6-30-02

Subscribed and sworn to before me this 30th day of JULY, 2002.

Notary Public Janice K. Bright

Date Commission Expires 3-26-05

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
 C Wireline Log Received
 C Geologist Report Received

Distribution
 SWD/Rep NGPA
 Plug Other (Specify)

RECEIVED
 KANSAS CORPORATION COMMISSION
 JUL 3 2002

JANICE K. BRIGHT
 NOTARY PUBLIC
 STATE OF KANSAS
 My Appt. Exp. _____

CONSERVATION DIVISION
 WICHITA, KS

Operator Name Deep Rock Exploration

Lease Name Fry Well # 1

Sec. 13 Twp. 14 Rge. 39
 East
 West

County Wallace

ORIGINAL

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:

Dual Induction
 Sonic
 Microresistivity

Name	Formation (Top), Depth and Datums		Sample
	Top	Datum	
Topeka	3858	-384	
Lansing	4058	-584	
Morrow	4810	-1336	
Mississippian	4948	-1474	

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	12 1/4	8 5/8	24#	369	common	270	3% CaCl
Production	7 7/8	4 1/2		1106	50/50 poz	160	10% salt

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run
				<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

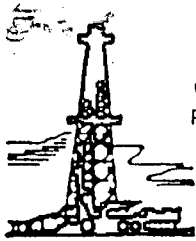
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: METHOD OF COMPLETION

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

Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____

Production Interval



CEMENTER'S WELL SERVICE, INC.

P.O. BOX 336220 • GREELEY, CO 80633 • (970) 353-7299 • FAX (970) 353-7712

RECEIVED
KANSAS CORPORATION COMMISSION
OUR INVOICE

No. 182406

JUL 31 2002

CONSERVATION DIVISION
WICHITA, KS

Date	4-30-02	Well Owner	Deep Rock Exp	Well No.	1	Lease	Fry
County	Wallace	State	Kansas	Field			
Charge to	Deep Rock Exploration					Charge Code	
Address	111 West 12 th St.					For Office Use Only	
City, State	Goodland, Kansas, 67735						
Pump Truck No.	1204	Code		Bulk Truck No.	1211	Code	
Type of Job		Depth		Ft.		To	
Surface	8 5/8"	Bottom of Surface		Ft.	369'	To	
Plug		Plug Landed @	354'	Ft.		Time On	18:00 pm
Production		Pipe Landed @	369'	Ft.		Time Off	Plug Down @ 19:45 pm

Reference No.	Description	Qty.	Meas.	Unit Price	Amount
	Pump Truck Charge				
	Cement Neat ✓	270	SKS		4778 15
	Poz. Mix				
	Calcium Chloride ✓	3920			
	Gel % Flo-Cele 1/4 #Per Sack				
	Handling Charge				
	Hauling Charge				
	Additional Cement				
	PD CK #1060				
	Mixing Rate 4 BPM. - Displacement Rate 6 BPM.				
	Slurry Vol. 1.18 CU.FT./SK - Slurry WT 15.2 PPG.				
	6 SK Cement Slurry per BBL				

Remarks	flush w/ 17 BBLs H ² O	Tax Reference Code	Sub Total	4778 15
	Displace w/ 22 BBLs H ² O	State Tax 4.9 %	Tax	234 15
	Circulate 3 BBLs Cement	Disc.	Total	5012.30

Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other	Total Mileage
1204	Pump Truck			20		110	
1211	Bulk Truck			20		110	

We do not assume any responsibility for any damage or conditions resulting from our services. All pricing is subject to review and revision.

Delivered By Leon-Kenny

Received By [Signature] Customer of His Agent

RECEIVED
KANSAS CORPORATION COMMISSION

OUR INVOICE No 182449

CEMENTER'S WELL SERVICE, INC.
P.O. BOX 336220 • GREELEY, CO 80633 • (970) 353-7299 • FAX (970) 353-7712

JUL 31 2002

CONSERVATION DIVISION
WICHITA, KS



Deep Rock

Date <i>5-11-02</i>	Well Owner <i>Exploration</i>	Well No. <i># 1</i>	Lease <i>Fox</i>
County <i>Wallace</i>	State <i>Kansas</i>	Field	
Charge to <i>Deep Rock Exploration</i>	Charge Code		
Address <i>111 West 12th</i>	For Office Use Only		
City, State <i>Goodland, Kansas, 67735</i>			
Pump Truck No. <i>1204</i>	Code	Bulk Truck No. <i>1211</i>	Code
Type of Job	Depth	Ft.	To
Surface	Bottom of Surface	Ft.	To
Plug	Plug Landed @ <i>1106'</i>	Ft.	Time On <i>01:00 AM</i>
Production <i>4 1/2" casing 10.5 #</i>	Pipe Landed @ <i>1106'</i>	Ft.	Time Off <i>plug down @ 04:15 AM</i>

Reference No.	Description	Qty	Meas.	Unit Price	Amount
	Pump Truck Charge				
	Cement Neat				
	Poz. Mix <i>50/50</i>	<i>160</i>	<i>SKS</i>		<i>5800.00</i>
	Calcium Chloride <i>1090 SALT</i>				
	Gel <i>2 %</i> Flo-Cele #Per Sack				
	Handling Charge				
	Hauling Charge				
	Additional Cement	<i>25</i>	<i>SKS</i>		
	<i>4 1/2" Centralizers</i>	<i>6</i>			
	<i>" R.F.U. shoe</i>	<i>1</i>			
	<i>" Latch Down plug 3 BBLs</i>	<i>1</i>			
	<i>plug Ratchet w/ 15 SKS</i>				
	<i>plug mouse hole w/ 10 SKS</i>				
	<i>Mixing Rate 4 RPM - Displacement Rate 6 BPM</i>				
	<i>Yield 1.26 CU FT/SK - Slurry WT 14.2 PPG</i>				
	<i>Circulate 1 BBLs Cement Back To Pit</i>				

Remarks <i>Flush w/ 10 BBLs Mud Flush</i>	Tax Reference Code	Sub Total	<i>5800.00</i>
<i>Displace w/ 12.5 BBLs KCL. Mar. 4.9 %</i>		Tax	<i>284.20</i>
<i>Landed plug w/ 2000 PSI</i>	Disc.	Total	<i>6084.20</i>

Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other Kansas	Total Mileage
<i>1204</i>	Pump Truck		<i>20</i>	<i>20</i>		<i>200</i>	
<i>1211</i>	Bulk Truck		<i>20</i>	<i>20</i>		<i>200</i>	

We do not assume any responsibility for any damage or conditions resulting from our services. All pricing is subject to review and revision.

Delivered By *Leah-Kenny*

Received By *Keith Van Rie*
Customer or His Agent