

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 6160

Cell 785-324-1041

Date	10-30-12	Sec.	23	Twp.	4	Range	21	County	NORTON	State	KANSAS	On Location		Finish	9:45pm
------	----------	------	----	------	---	-------	----	--------	--------	-------	--------	-------------	--	--------	--------

Location **LOGAN W TO E 12th - 2 1/4 S - E / INTO**

Lease	VEH	Well No.	#1	Owner	BLACK DIAMOND
Contractor	L.W. # 6	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Type Job	PROD. STRING	Charge To	BLACK DIAMOND		
Hole Size	7 7/8"	T.D.	3,635'	Street	P.O. Box 641
Csg.	4 1/2" - 11.6# - NEW	Depth	3,600'	City	HAYS
Tbg. Size		Depth		State	KS, 67601
Tool	PORT COLLAR	Depth	1,738'	The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Left in Csg.		Shoe Joint	44.30	Cement Amount Ordered	200 com - 10% SALT - 5% GILSONITE
Meas Line		Displace	55 Bbls		

EQUIPMENT

Pumptrk #15	No.	Cementor	
		Helper	NICK
Bulktrk #14	No.	Driver	LOANIE M.
Bulktrk PU	No.	Driver	CTSCO

Common	200
Poz. Mix	
Gel.	
Calcium	

JOB SERVICES & REMARKS

Remarks:	
Rat Hole	30 SKS
Mouse Hole	
Centralizers	1, 3, 5, 7, 9, 41
Baskets	2, 8, 42
Port Collar	@ 1,738'

Hulls	
Salt	17
Flowseal	
Kol-Seal	1000#
Mud CLR 48	500 GAL
CFL-117 or CD110 CAF 38	
Sand	

DROPPED BALL - ESTABLISHED CIRCULATION
CIRCULATED ON BOTTOM 45 MIN. -
PUMPED 500 GAL MUD CLR 48 - PLUGGED
RATHOLE 30 SKS - MIXED & PUMPED -
170 SKS DOWN 4 1/2" - DISCONNECTED
DROPPED PLUG & WASHED PUMP - MADE
CONNECTION & DISPLACED - PLUG LANDED
& HELD.

Handling	217
Mileage	

FLOAT EQUIPMENT

Guide Shoe	1 - 4 1/2"
Centralizer	6 - 4 1/2"
Baskets	3 - 4 1/2"
AFU Inserts	1 - 4 1/2"
Float Shoe	
Latch Down	

LIFT PRESSURE @ 800
PLUG LANDED @ 55 BBLs 1,300 LBS.

1 - 4 1/2 RUBBER PLUG

[Signature]

Pumptrk Charge	prod long string
Mileage	56

THANK YOU &

X Signature *[Signature]*

Tax	
Discount	
Total Charge	