

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

No. 6203

Phone 785-483-2025

Cell 785-324-1041

Date	11-17-12
Sec.	14
Twp.	11
Range	12
County	Ellis
State	KS
On Location	
Finish	11:30 a.m.

Location: Delta River Road 1/2 S E into

Well No. 2

Owner: Attorneys O.I.

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	Port collar
Hole Size	7 7/8
Csg. Size	5 1/2
Tbg. Size	2 7/8
Depth	1461
Depth	1461
Tool	Port collar
Cement Left in Csg.	
Shoe Joint	

Meas Line Displace 32

EQUIPMENT

No.	9	Cement	Helper
No.	9	Driver	Gay
No.	12	Driver	Don, Billy
No.	12	Driver	

Common 210

Pos. Mix

Gel.

Calcium

Hulls

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

DV or Port Collar

Sand

Handling 225

Mileage

Guide Shoe

Centralizer

Baskets

AFU Inserts

Float Shoe

Latch Down

Remarks:

Test 5/2 to 1000# Open Tool +

By circulation mix 210SK cement

Checked. Displace 21. Case

Tool Pressure to 800#. Release

Pressure Run 5 joints + Wash

Clean.

Remarks:

Flowseal 50#

Kol-Seal

Mud CLR 48

CFL-117 or CD110 CAF 38

Remarks:

Job Services & Remarks

Float Shoe

Centralizer

Baskets

AFU Inserts

Float Shoe

Latch Down

Remarks:

Pumptrk Charge Port collar

Mileage 19

Signature

Total Charge

Discount

Tax

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

No. 6174

Phone 785-483-2025
Cell 785-324-1041

Date	11-12-12	Sec.	14	Twp.	11	Range	17	County	ELLIS	State	KANSAS	On Location	Finish	7:15 AM
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Location Victorville to Commerce, La. to Commerce, La. - N. 20 R. E / 100'
 Well No. # 2

Lease DOZEMER D.D. #4
 Contractor D.D. #4
 Type Job Prod. string

Hole Size 7 7/8"
 Csg. Size 5 1/2"
 T.D. 3,475'
 Depth 3,419'
 Tbg. Size 1392
 Tool Bit Coupe
 Cement Left in Csg. 34.32"
 Displace 84 bbls

EQUIPMENT	
No.	Cementer
#15	Helper NTK 15
No.	Driver
#1	Driver LOMTEL 1
No.	Driver
#14	Driver CTRDOL 14

Common 235
 Poz. Mix
 Gel.
 Calcium
 Hulls
 Salt 20
 Flowseal
 Kol-Seal
 Mud CLR 48 500 gal.
 CFL-117 or CD110 CAF 38
 Sand
 Handling 255
 Mileage

Remarks:
 Rat Hole 30 SKS
 Mouse Hole 15 SKS
 Centralizers 1, 2, 7, 10, 48
 Baskets 2, 3, 49
 DN or Port Collar #49
 Dropped Ball - Break circulation
 Cratered on bottom - jumper
 500 gal. mud CLR 48 - plugged rat hole 30
 SKS. plugged mousehole 15 SKS - mudd
 190 SKS down 5 1/2" - Dropped
 Dropped plug & washed up pump truck
 MADE CONNECTION & DISPOSED PLUG -
 Landed & Held
 LET PRESSURE @ 1,000
 Plug Landed @ 84 bbls + 1400 lbs.

FLOAT EQUIPMENT
 Guide Shoe 1-5/8"
 Centralizer 5-5/8" CENT.
 Baskets 3-5/8"
 AFU Inserts 1-5/8" w/ plug
 Float Shoe
 Latch Down 1 Port Collar

Pumptrk Charge 23
 Mileage 23
 Tax
 Discount
 Total Charge
 Signature [Signature]
 THANK YOU.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

No. 6147

Phone 785-483-2025

Cell 785-324-1041

Date	11-7-12
Sec.	14
Twp.	11
Range	17
County	Ellis
State	KS
On Location	9:30 AM
Finish	

Location: Codell & River Road 1/2 S E 1/2

Well No: 2

Lease: Derzweiler

Contractor: DSGover/TH

Type Job: Surface

Hole Size: 12 1/4

Csg. Size: 8 5/8

Depth: 262

T.D. 242

Depth: 262

Shoe Joint: 15/232

Cement Left in Csg. 15'

Displace

Meas Line

EQUIPMENT	
No.	9
Cementer	Miss
Helper	Miss
Driver	Miss
No.	1
Driver	Miss
Driver	Miss
Bulktrk	Miss

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

DV or Port Collar

8 5/8 on bottom Est. Circulation.

Mix 125 gal + Displace.

Handling: 184

Sand

CFL-117 or CD110 CAF 38

Mud CLR 48

Kol-Seal

Flowseal

Salt

Hulls

Common: 175

Poz. Mix

Gel: 3

Calcium: 6

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

DV or Port Collar

8 5/8 on bottom Est. Circulation.

Mix 125 gal + Displace.

Handling: 184

Sand

CFL-117 or CD110 CAF 38

Mud CLR 48

Kol-Seal

Flowseal

Salt

Hulls

Common: 175

Poz. Mix

Gel: 3

Calcium: 6

Signature: [Signature]

Mileage: 23

Pumptrk Charge: Surface

Tax

Discount

Total Charge



Discovery Drilling

P.O. Box 763 • Hays, KS 67601 • OFFICE (785) 623-2920 • CELLULAR (785) 635-1511

DRILLER'S LOG

Operator: Cattlemans Oil Operations Lic# 7064 Contractor: Discovery Drilling Co., Inc. LIC#31548
2260 Catherine Road PO Box 763
Hays, KS 67601 Hays, KS 67601

Lease: Dorzweiler "D" # 2 Location: 890 FSL / 1650 FWL
NW/SE/SW
Section 14/ 11S/ 17W
Ellis County

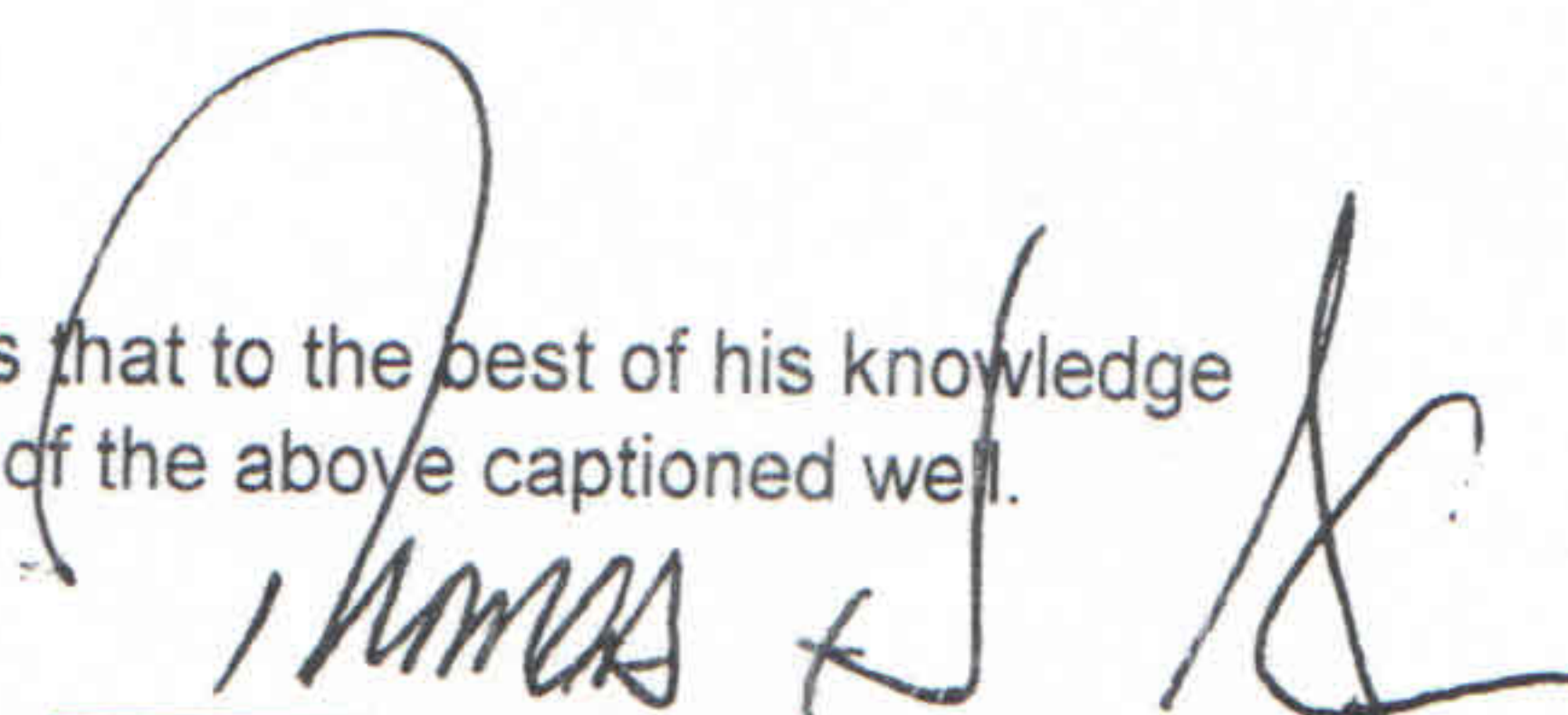
Loggers Total Depth: 3476' API#15- 051-26,333-00-00
Rotary Total Depth: 3475' Elevation: 1845 GL / 1853 KB
Commenced: 11/7/2012 Completed: 11/12/2012
Casing: 8 5/8" @ 262.73'W/175sks Status: Oilwell
5 1/2" @ 3461'W/190sks
(Port Collar @ 1392')

DEPTHS & FORMATIONS (All from KB)

Surface, Sand & Shale	<u>0'</u>	Shale	<u>1105'</u>
Dakota Sand	<u>498'</u>	Shale & Lime	<u>1615'</u>
Shale	<u>538'</u>	Shale	<u>2132'</u>
Cedar Hill Sand	<u>608'</u>	Shale & Lime	<u>2582'</u>
Red Bed Shale	<u>819'</u>	Lime & Shale	<u>3066'</u>
Anhydrite	<u>1073'</u>	RTD	<u>3475'</u>
Base Anhydrite	<u>1105'</u>		

STATE OF KANSAS)
) ss
COUNTY OF ELLIS)

Thomas H. Alm of Discovery Drilling states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned well.




Thomas H. Alm

Subscribed and sworn to before me on 11-14-12

My Commission expires: 8-9-2015

(Place stamp or seal below)



Notary Public

