

REVISED 5/27/04

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.	30-025-09190
Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
State Oil & Gas Lease No.	
Lease Name or Unit Agreement Name	Emery King "NW"
Well No.	5
Pool name or Wildcat	Langlie Mattix (7R-Qn-Gb)

Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
Name of Operator Doyle Hartman	
Address of Operator 500 N. Main St., Midland, TX 79701	
Well Location Unit Letter E : 1650' Feet From The North Line and 660' Feet From The West Line Section 1 Township 23S Range 36E NMPM Lea County	
Elevation (Show whether DF, RKB, RT, GR, etc.) 3433' GR	

11

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

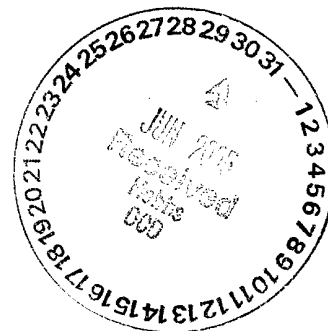
SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ANBANDONMENT ☒
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

For details of completed plugging and abandonment operations, please refer to pages 2 thru 4 attached hereto, and made a part hereof.

Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.



I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Steve Hartman TITLE Engineer DATE 06/29/2005

TYPE OR PRINT NAME Steve Hartman TELEPHONE NO. (432) 684-4011

(This space for State Use)

APPROVED BY Larry W. Wink OC FIELD REPRESENTATIVE II/STAFF MANAGER

CONDITIONS OF APPROVAL, IF ANY:

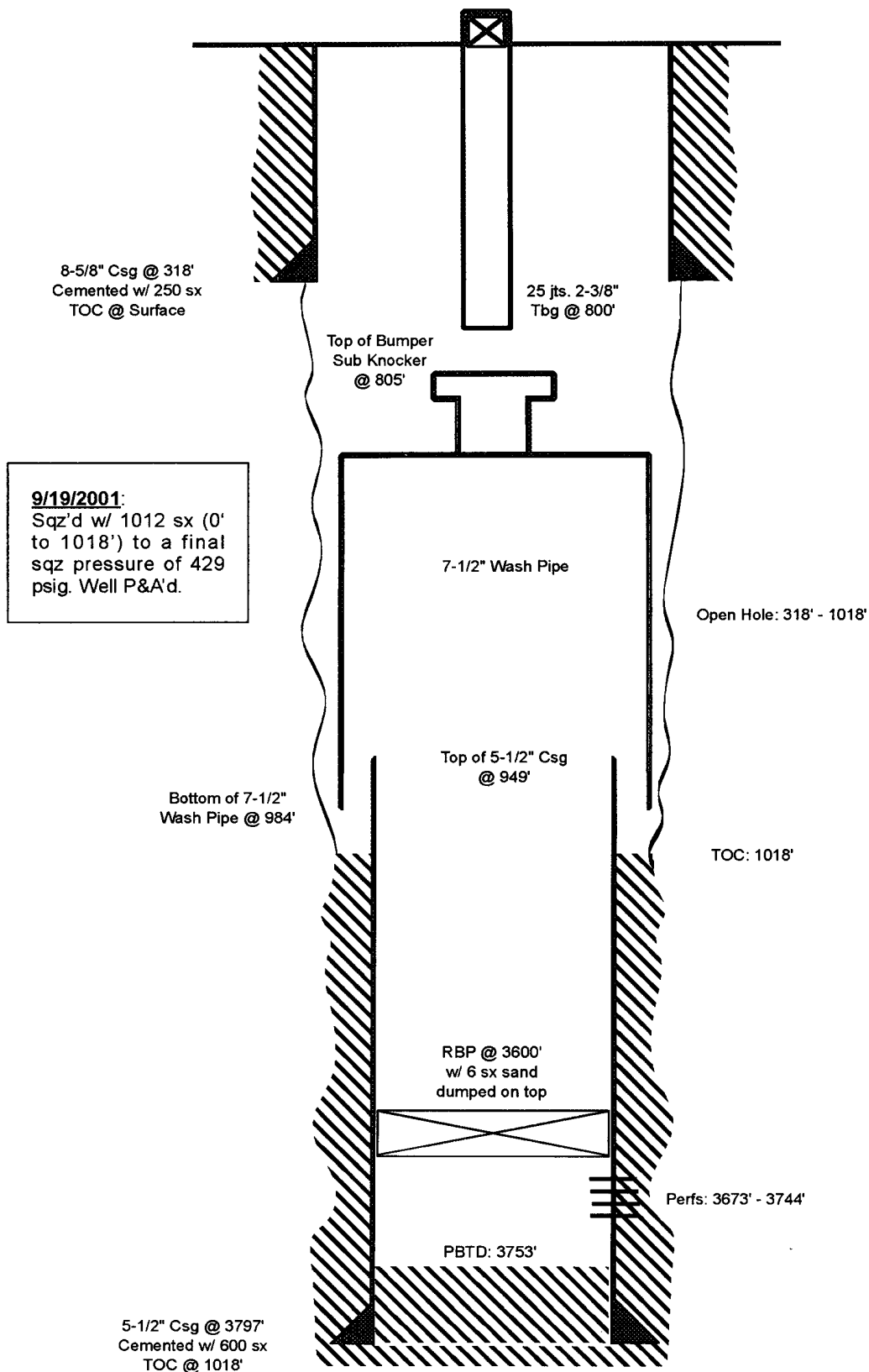
JUL 01 2005

Details of Plugging and Abandonment

Plugged and abandoned well, as follows, in accordance with procedure discussed on 11-13-00, between Mr. Don Mashburn and Mr. Gary Wink, as outlined on the herein enclosed C-103, dated 9-17-01.

Moved in well service unit on 9-17-01. Ran and landed 2 3/8" O.D. open-ended tbg string at 800' (5' above top of 7 1/2" O.D. x 179' wash pipe assembly stuck at 805' to 984'). Rigged up Halliburton, on 9-19-01. Squeezed down 2 3/8" O.D. tbg with a net 1012 sx consisting of 612 sx of API Class "C" cmt followed by 200 sx of API Class "C" cmt containing 2% CaCl₂, 3 lb/sx Gilsonite, 1/4 lb/sx Flocele, followed by 200 sx API Class "C" cmt containing 3% CaCl₂, 3 lb/sx Gilsonite, 1/4 lb/sx Flocele. Obtained cmt returns out 8 5/8" O.D. csg after pumping 600 sx of cmt. Closed 8 5/8" O.D. csg valve. Sqz'd uncemented open hole interval (from 318' to 1018') with remaining 400 sx of cmt. Staged to a final squeeze pressure of 429 psi. Did not pull 2 3/8" O.D. tbg. Left hole full of cmt. Cut off anchors. Installed dry hole marker on 9-25-01. Well P&A'd.

Wellbore Schematic
Emery King NW #5
1650' FNL & 660' FWL (E)
Sec. 1, T-23-S, R-36-E
Lea County, NM



WTH

Page 4 of 4

NMOC D 505-393-0720

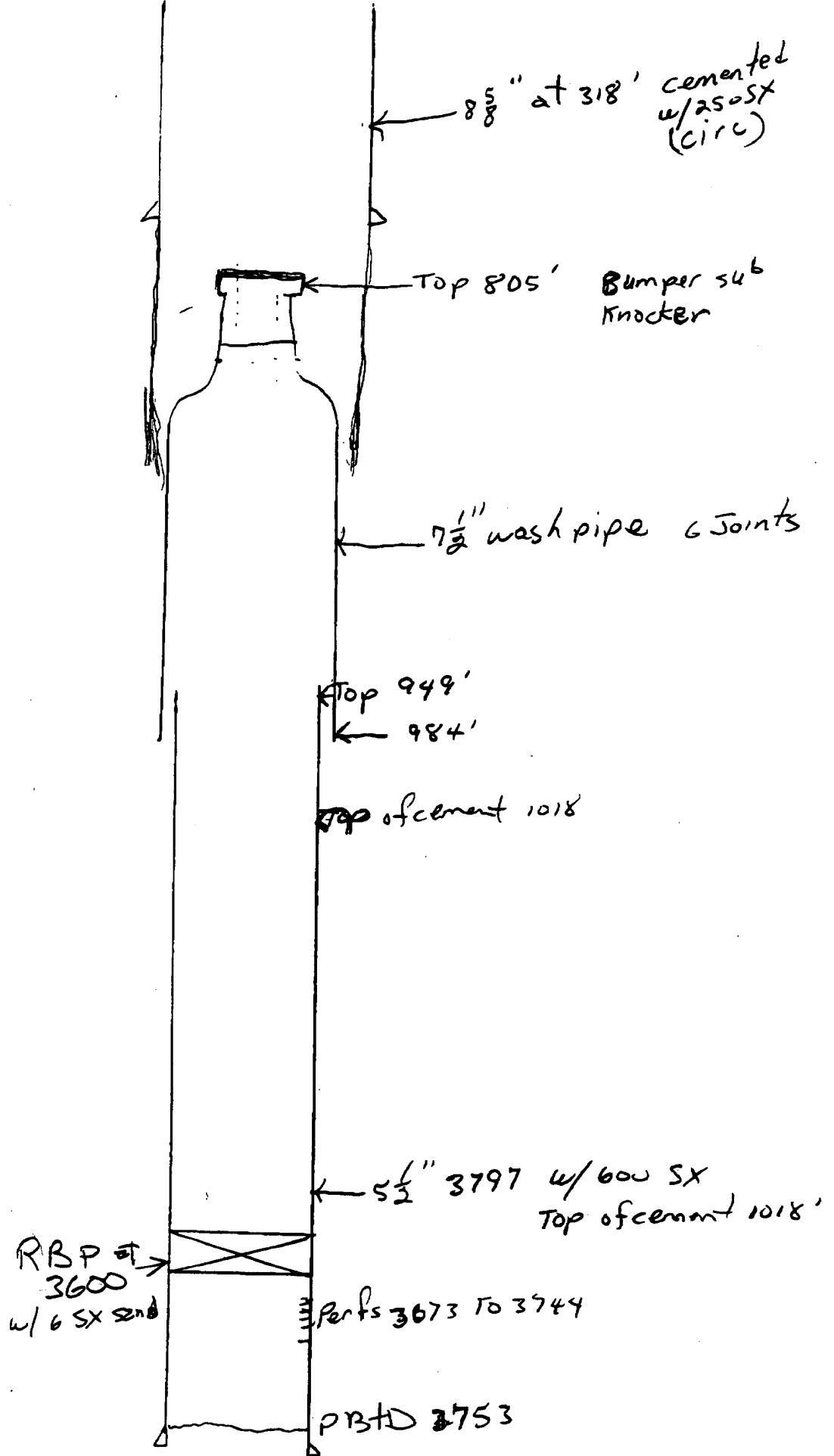
Emerg King NW #5

1650' FNL + 660' FWL (E)

SEC 1 T-23-S R36-E

Lee county NM

Foot to
Gary
To Link



DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

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P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.
30-025-09190

Indicate Type of Lease
STATE ☐ FEE ☒

State Oil & Gas Lease No.
NM J549

Lease Name or Unit Agreement Name
Emery King NW

Well No.
5

Pool name or Wildcat
Langlie Mattix (7R-Q-G)

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
Name of Operator Doyle Hartman	
Address of Operator P.O. Box 10426, Midland, TX 79702	
Well Location Unit Letter <u>E</u> : <u>1650</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>West</u> Line Section <u>1</u> Township <u>23S</u> Range <u>36E</u> NMPM <u>Lea</u> County	
Elevation (Show whether DF, RKB, RT, GR, etc.)	

11

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ANBANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

We propose to do the following work:

1. MIRU Well Service Unit.
2. Rig up Halliburton. Mix and pump 1000 sx cement with the intention of squeezing open hole section from 318' to 1018' and filling the wellbore with good quality cement to prevent the migration of fluids in and behind the pipe.
3. Rig down Halliburton.
4. Rig down Well Service.
5. Erect dry hole marker, clean location.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Engineer DATE 09-17-01

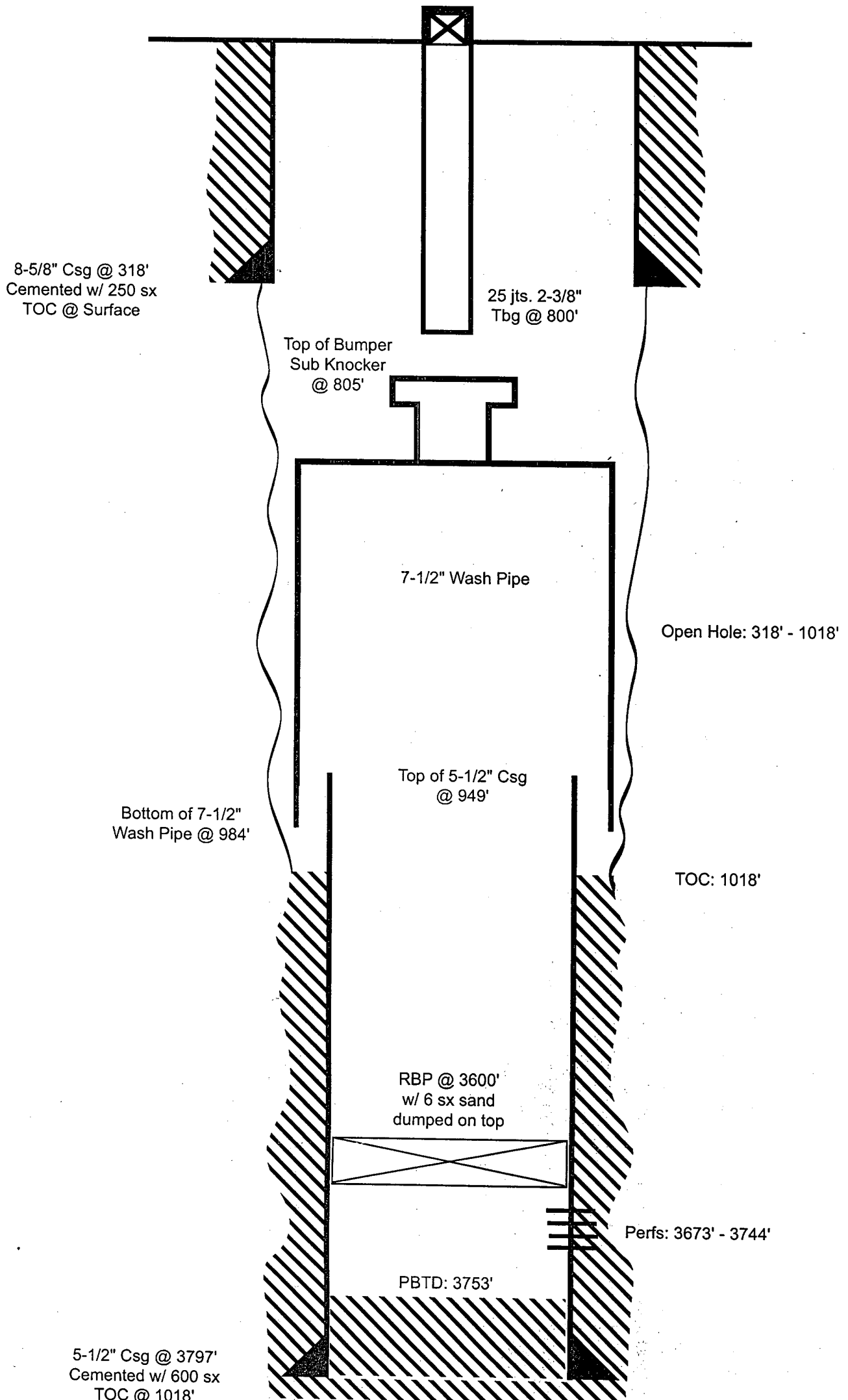
TYPE OR PRINT NAME TELEPHONE NO.

(This space for State Use)

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

Wellbore Schematic
Emery King NW #5
1650' FNL & 660' FWL (E)
Sec. 1, T-23-S, R-36-E
Lea County, NM



DOYLE HARTMAN

EMERY KING NORTH WEST

5

API Well No.:

9/19/01
LEA, NM

PTA

Customer Representative:

DON MASHBURN

Halliburton Operator:

CHRIS MOORE

Ticket No.:

1519240



HALLIBURTON

09DOY1519240A3

CEMENT JOB SUMMARY SHEET

Job Type **PTA**

				<i>Measured</i>
	<i>Size</i>	<i>Weight</i>	<i>Grade</i>	<i>Depth</i>
Casing	8 5/8	24		318
Drill Pipe				
Tubing	2 3/8	4.7		800
Hole Size				949
Mud Weight				

CEMENT DATA

Spacer	Bbls 0			
Cement 1	Premium Plus			645 Sacks
Additives	neat			
	Weight (lb/gal) 14.80	Yield (cuft/sk) 1.32	Water (gal/sk) 6.30	
Cement 2	Premium Plus			200 Sacks
Additives	2% CaCl₂; 3 lb/sk gilsonite; .25 pps flocele			
	Weight (lb/gal) 14.80	Yield (cuft/sk) 1.32	Water (gal/sk) 6.05	
Cement 3	PREMIUM PLUS			200 Sacks
Additives	3% CaCl₂, 3 lb/sk Gilsonite, 1/4 lb/sk Flocele			
	Weight (lb/gal) 14.80	Yield (cuft/sk) 1.36	Water (gal/sk) 6.05	

Displacement **NA** **(lb/gal)**

CEMENTING EQUIPMENT

Provider	HALLIBURTON		
Guide Shoe	ea.	Centralizers	ea.
Float Shoe	ea.	Plug Type	HALLIBURTON
Float Collar	ea.	Packer	ft.
DV Tool	ft.	Retainer	ft.

<div style="text-align: center; font-size: 24px; font-weight: bold;">JOB SUMMARY</div>		SALES ORDER NUMBER 1519240	TICKET DATE 09/19/01
		BDA / STATE MIDLAND, TX	COUNTY LEA, NM
REGION NORTH AMERICA		NWA / COUNTRY CENTRAL REGION	
MBU ID / EMPL # BRO101 209468		H.E.S. EMPLOYEE NAME CHRIS MOORE	
LOCATION Brownfield, TX		PSL DEPARTMENT ZONAL ISOLATION	
TICKET AMOUNT		COMPANY DOYLE HARTMAN	CUSTOMER REP / PHONE DON MASHBURN 661-9558
WELL LOCATION EUNICE		WELL TYPE OIL	APIUMR #
LEASE NAME EMERY KING NORTH WEST		DEPARTMENT CEMENTING SERVICES 10003	SAP BOMB NUMBER 7521
Well No. 5	SEC / TWP / RNG	Description PTA	

H.E.S. EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS	HRS
CHRIS MOORE 209468	7.0				
WILLAM NICELY CX	7.0				
SANTOS NAVARRO 222740	7.0				
RENE NEYNA 230300	7.0				

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES	R / T MILES
54077-77282	200				
422673	200				
420511	200				
13975-95037	36				

Form. Name	Type:	Date	Called Out	On Location	Job Started	Job Completed
Form. Thickness	From To	9/19/01	0:00	9/19/01	9/19/01	9/19/01
Packer Type	Set At	Time	0830	1230	1610	1836
Bottom Hole Temp.	Pressure					
Retainer Depth	Total Depth					

Tools and Accessories			Well Data						
Type and Size	Qty	Make	New/Used	Weight	Size	Grade	From	To	Max. Allow
Float Collar	7	HALLIBURTON	USED	24.0	8 5/8		SURFACE	318	1,096
Float Shoe	7	HALLIBURTON							
Centralizers	7	HALLIBURTON							
Top Plug	7	HALLIBURTON							
Packer	7		USED	4.7	2 3/8		SURFACE	800	
DV Tool	7	HALLIBURTON							
Insert Float	7								
Guide Shoe	7								
Other		HALLIBURTON							

Materials				Hours On Location		Operating Hours		Description of Job	
Mud Type	NA	Density	Lb/Gal	Date	Hours	Date	Hours	SEE JOB LOG	
Disp. Fluid	NA	Density	Lb/Gal	9/19	7.0	9/19	2.5		
Prop. Type		Size	Lb						
Prop. Type		Size	Lb						
Acid Type		Gal.	%						
Acid Type		Gal.	%						
Surfactant		Gal.	in						
NE Agent		Gal.	in						
Fluid Loss		Gal/Lb	in						
Gelling Agent		Gal/Lb	in						
Fric. Red.		Gal/Lb	in						
Breaker		Gal/Lb	in						
Blocking Agent		Gal/Lb							
Perfpac Balls		Qty.							
Other									
Other									
Other									
Other									
Other									

Cement Data				Additives			W/Rq.	Yield	Lbs/Gal
Stage	Sacks	Cement	Bulk/Sks						
	645	Premium Plus	B	neat			6.3	1.32	14.8
	200	Premium Plus	B	2% CaCl2; 3 lb/sk gilsonite; .25 pps flocele			6.1	1.32	14.8
			B						
	200	PREMIUM PLUS	B	3% CaCl2, 3 lb/sk Gilsontite, 1/4 lb/sk Flocele			6.1	1.36	14.8
			B						

Summary					
Circulating	Displacement	Preflush:	Gal - BBI	Type:	
Breakdown	Maximum	Load & Bkdn:	Gal - BBI	Pad: Bbl -Gal	
Lost Returns-NO	Lost Returns-NO	Excess /Return	Gal BBI	Calc. Disp Bbl	O
Cmt Rtn#Bbl	Actual TOC	Calc. TOC:		Actual Disp.	O
Average	Frac. Gradient	Treatment:	Gal - BBI	Disp: Bbl-Gal	O
Shut In: Instant	5 Min. 15 Min.	Cement Slurry:	Gal - BBI		
		Total Volume	Gal - BBI		
				248	
				248	

Frac Ring #1	Frac Ring #2	Frac Ring #3	Frac Ring #4
THE INFORMATION STATED HEREIN IS CORRECT CUSTOMER REPRESENTATIVE _____			
SIGNATURE _____			

JOB LOG

TICKET #
1519240

TICKET DATE	09/19/01
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REGION
NORTH AMERICA LAND

NWA / COUNTRY
CENTRAL REGION

BDA / STATE
MIDLAND, TX

COUNTY
LEA, NM

MBU ID / EMPL #
BRO101 209468

H.E.S EMPLOYEE NAME
CHRIS MOORE

PSL DEPARTMENT
ZONAL ISOLATION

LOCATION
Brownfield, TX

COMPANY
DOYLE HARTMAN

CUSTOMER REP / PHONE
DON MASHBURN 661-9558

TICKET AMOUNT

WELL TYPE	
OIL	

APLUM #

WELL LOCATION

EUNICE

DEPARTMENT
CEMENTING SERVICES 10003

JOB PURPOSE CODE 7521

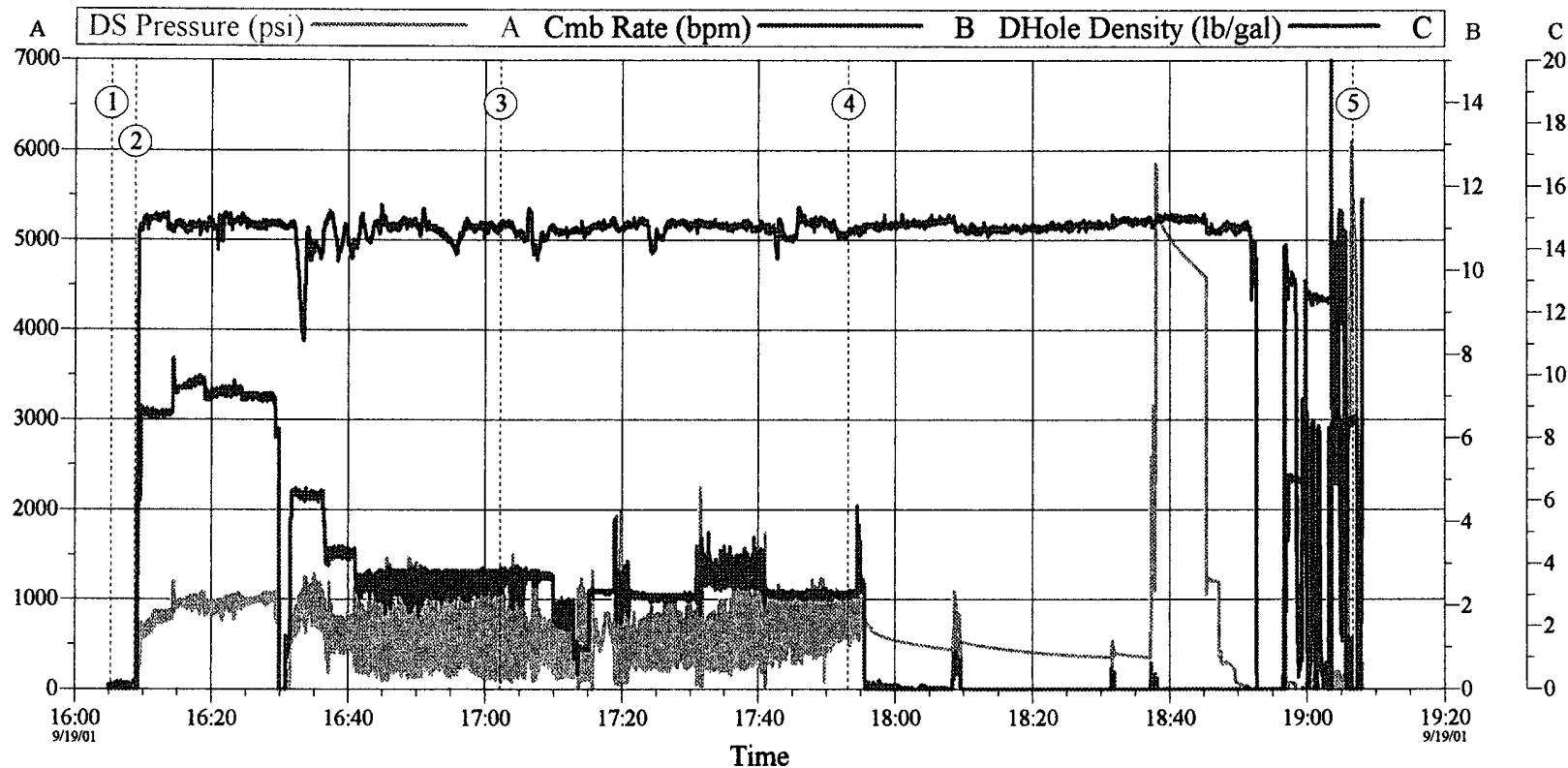
LEASE / WELL #
EMERY KING NORTH WEST

Well No.
5

SEC / TWP / RNG

[illegible]

Treatment Data



Event Log											
Intersection		DP	CR	DD	Intersection		DP	CR	DD		
①	Start Job	16:05:15	-39.50	0.000	0.172	②	Pump Lead Cement	16:08:45	-39.50	0.000	0.184
③	Pump Tail Cement	17:02:11	593.5	2.689	14.69	④	Pump Lead Cement	17:53:10	609.9	2.320	14.63
⑤	End Job	19:06:41	5253	0.000	8.650						

Customer: DOYLE HARTMAN	Job Date: 09-19-01	Ticket #: 1519240
Well Description: EMERY KING NORTH WEST #5		PTA
File Name: 09DOY1519240A3		

HALLIBURTON
CemWin v1.4.0
21-Sep-01 10:38

W W WELDING
PO BOX 141
HOBBS NM 88241-0141

*
* I N V O I C E *
*

Invoice Number: 000939

Invoice Date: 09/25/01

Page: 1

Sold DOYLE HARTMAN OIL
To: PO BOX 10246
MIDLAND TX 79702-7426

Installed Dry Hole Marker 9-25-01.

Due Date.: 10/25/01
Terms.....: NET 30

Item I.D./Desc.	Ordered	Unit	Price	Net

LEASE & WELL: EMERY KING NW #5				
WELDING	7.00	HOUR	45.00	315.00
CUT OFF 8 5/3" CASING HEAD, BUILD & INSTALL DRYHOLE MARKER				

DOYLE HARTMAN
OIL OPERATOR
RECEIVED

OCT 10 2001

ENTERED

NOV 01 2001

DOYLE HARTMAN, OIL OPERATOR

Unit/Well No.	7897		
Vendor No.	5086		
Account No.	5400.1		
Amount			
Approved By	<i>R. H. Hartman</i>		

Subtotal:	315.00
Tax.....:	16.54
Total....:	331.54