

**FASKEN OIL AND RANCH, LTD.**

303 WEST WALL AVENUE, SUITE 1800

MIDLAND, TEXAS 79701-5116

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30-015-22717

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May 4, 2012

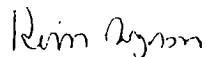
New Mexico Oil Conservation Division  
811 S. First St.  
Artesia, New Mexico 88210

Re: Shell Federal No. 2

Dear Sir:

Attached is a set logs run during the re-entry and conversion to SWD of the Shell Federal No. 2 for which I am requesting confidentiality.

Sincerely,



Kim Tyson  
Regulatory Analyst

**BAKER  
HUGHES****COMPENSATED Z-DENSILOG<sup>SM</sup>  
COMPENSATED NEUTRON LOG  
DIGITAL SPECTRALOG<sup>B</sup>  
GAMMA RAY LOG**

FILE NO: WD9400	COMPANY WELL FIELD COUNTY	FASKEN OIL & RANCH LTD SHELL FEDERAL NO. 2 SWD CEMETARY EDDY STATE NEW MEXICO
API NO: 30-015-22717	Ver. 3.87 FINAL PRINT	LOCATION: 330' FSL & 660' FWL  SEC 5 TWP 21-S RGE 24-E
OTHER SERVICES DLL/MLL		
PERMANENT DATUM LOG MEASURED FROM DRILL. MEAS. FROM	GL KB KB	ELEVATION 3766 FT 16 FT ABOVE P.D. 3766 FT

DATE	29-JAN-2012		
RUN	TRIP	1	1
SERVICE ORDER	522402		
DEPTH DRILLER	11450 FT		
DEPTH LOGGER	11446 FT		
BOTTOM LOGGED INTERVAL	11402 FT		
TOP LOGGED INTERVAL	200 FT		
CASING DRILLER	8.625 IN	@ 3000 FT	9
CASING LOGGER	3004 FT		
BIT SIZE	7.875 IN		
TYPE OF FLUID IN HOLE	SW GEL		
DENSITY	VISCOSITY	10 LB/G	64 S
PH	FLUID LOSS	10	0.03
SOURCE OF SAMPLE	FLOWLINE		
RM AT MEAS. TEMP.	0.05 OHMM	@ 82 DEGF	9
RMF AT MEAS. TEMP.	0.05 OHMM	@ 82 DEGF	9
RMC AT MEAS. TEMP.	---	@ ---	9
SOURCE OF RMF	RMC	MEASURED	---
RM AT BHT	0.024 OHMM	@ 182 DEGF	9
TIME SINCE CIRCULATION	13 HRS		
MAX. RECORDED TEMP.	182 DEGF		
EQUIP. NO.	LOCATION	HL-6734	MIDLAND, TX
RECORDED BY	B.R. BROWN		
WITNESSED BY	JIM STORRE		



# DUAL LATEROLOG MICRO LATEROLOG GAMMA RAY LOG

FILE NO: MD9400	COMPANY WELL	FASKEN OIL & RANCH LTD SHELL FEDERAL NO. 2 SWD
API NO: 30-015-22717	FIELD COUNTY	CEMETARY EDDY STATE NEW MEXICO
Ver. 3.87 FINAL PRINT	LOCATION: 330' FSL & 660' FWL  SEC 5 TWP 21-S RGE 24-E	OTHER SERVICES ZDL/CN
PERMANENT DATUM LOG MEASURED FROM DRILL MEAS. FROM	GL ELEVATION 3766 FT KB 16 FT ABOVE P.D. KB	ELEVATIONS: KB 3782 FT DF 3781 FT GL 3766 FT

DATE	29-JAN-2012		
RUN	TRIP	1	1
SERVICE ORDER	622402		
DEPTH DRILLER	11450 FT		
DEPTH LOGGER	11446 FT		
BOTTOM LOGGED INTERVAL	11441 FT		
TOP LOGGED INTERVAL	9100 FT		
CASING DRILLER	8.625 IN	3000 FT	9
CASING LOGGER	3004 FT		
BIT SIZE	7.875 IN		
TYPE OF FLUID IN HOLE	SW GEL		
DENSITY	VISCOSITY	10. LB/G	64 S
PH	FLUID LOSS	10	0 C3
SOURCE OF SAMPLE	FLOWLINE		
RM AT MEAS. TEMP.	0.05 OHMM	82 DEGF	9
RMF AT MEAS. TEMP.	0.05 OHMM	82 DEGF	9
RMC AT MEAS. TEMP.	---	9---	9
SOURCE OF RMF	RMC	MEASURED	---
RM AT BHT	0.024 OHMM	182 DEGF	9
TIME SINCE CIRCULATION	13 HRS		
MAX. RECORDED TEMP.	182 DEGF		
EQUIP. NO.	LOCATION	HL-6734	WIDLAND, TX
RECORDED BY	B.R. BROWN		
WITNESSED BY	JIM STORRIE		



# CEMENT BOND GAMMA RAY CCL/LOG

Company FASKEN OIL AND RANCH, LTD.  
Well SHELL FEDERAL NO. 2 SWD  
Field  
County EDDY  
State NEW MEXICO

Company FASKEN OIL AND RANCH, LTD.  
Well SHELL FEDERAL NO. 2 SWD  
Field  
County EDDY State NEW MEXICO

Location: API #: 30-015-22717  
3300' FSL & 660' FWL  
SEC 5, T21S, R24  
SEC TWP RGE  
Permanent Datum G.L. Elevation 3765.70  
Log Measured From 16' AGL K.B. 3781.7  
Drilling Measured From K.B. D.F. 3765.7

Date	2-23-2012		
Run Number	ONE		
Depth Driller	10645		
Depth Logger	10642		
Bottom Logged Interval	10638		
Top Log Interval	SURF		
Open Hole Size	N/A		
Type Fluid	WATER		
Density / Viscosity	N/A		
Max. Recorded Temp.	N/A		
Estimated Cement Top	N/A		
Time Well Ready	1100		
Time Logger on Bottom	1200		
Equipment Number	57		
Location	HOBBS NM		
Recorded By	P ZARAGOZA		
Witnessed By	KENNY POWERS		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	13 3/8	54.5	SURF.	400
Prot String	8 5/8	32&24 K 55	SURF.	3000
Production String	5 1/2	17	SURF.	10677.70
Liner				

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