



THE WESTERN COMPANY CEMENT JOB DETAIL SHEET

CUSTOMER McClellan Oil		DATE 8-4-94	FR # 290174	SER. SUP. Dan Williams	TYPE JOB P&A								
LEASE & WELL NAME-OCSE Ross #2		LOCATION Artesia			COUNTY-PARISH-BLOCK Meade								
DISTRICT Artesia		DRILLING CONTRACTOR RIG #			OPERATOR								
MATERIAL FURNISHED BY WPS	TYPE OF PLUGS		LIST-CSG-HARDWARE		SQ MANI FOLD	TOP OF EACH FLUID	PHYSICAL SLURRY PROPERTIES						
	TOP BTM				Y N		SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
1 st 55sx Class C							14.8	1.32	6.3		12.9	8.2	
2 nd 40sx Class C							14.8	1.32	6.3		9.4	6	
3 rd 35sx Class C + 3% Cactz							14.8	1.32	6.3		8.2	5.2	
4 th 35sx Class C							14.8	1.32	6.3		8.2	5.2	
5 th 17sx Class C							14.8	1.32	6.3		4	2.5	
Available Mix Water Bbl.							Available Displ. Fluid Bbl.				TOTAL		
HOLE		TGB-CSG-D.P.			TGB-CSG-D.P.			COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	SIZE	WGT.	TYPE	DEPTH	SHOE	FLOAT	STAGE
8 1/2		2406	2 3/8			2406							
LAST CASING		PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID				
SIZE	WGT.	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.	
9 5/8	32		580										
CAL. DISPL. VOL.-Bbl.		CAL. PSI		CAL. MAX PSI	OP. MAX	MAX TGB PSI		MAX CSG PSI		DISPL. FLUID		WATER SOURCE	
TGB	CSG	CSG	TOTAL	BUMP PLUG	TO REV	SO. PSI	RATED	OP.	RATED	OP.	TYPE	WGT.	
8.5													

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR: MIN	PRESSURE-PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: WPS CREW ☒ CO. REP ☐	
	PIPE	ANNULUS				TEST LINES	PSI
10:30	2000					CIRCULATING WELL-RIG ☐ WPS ☒	
11:03	300		3	5	Flow	1 st Plug 2406 To 2256	
11:05	300		3	12.9	Cut	Cement	
11:10	300		3	2	Flow	Displace	
11:12	300		3	2	Gel	Shut down	
11:33	250		3	5	Flow	2 nd Plug 1762 To 1662	
11:35	250		3	9.4	Cut	Cement	
11:38	250		3	2	Flow	Displace	
11:40	250		3	4	Gel	Gel	
12:13	200		3	5	Flow	3 rd Plug 6660 To 5660	
12:15	200		3	8.2	Cut	Cement	
12:18	200		3	15	Flow	Displace	
12:19	200		3	1	Gel	Shut down	
1:59	150		3	5	Flow	4 th Plug 504 To 404	
2:01	150		3	8.2	Cut	Cement	
2:04	150		3			Displace	
2:05	150		3	1	Gel	Shut down	
2:25	50		3	5	Flow	5 th Plug 50' To Surface	
2:27	50		3	4	Cut	Cement	
2:29	50		3	0		Shut Down	
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	TOTAL Bbl. PUMPED	Bbl. CMT RETURNS/ REVERSED	PSI LEFT ON CSG	SPOT TOP CEMENT	SER. SUP. CUSTOMER REP.

WELL NAME AND NUMBER Ross Fee No. 2
LOCATION 660' FNL & 1989' FEL, Section 18, T8S, R28E, Chaves County, NM
OPERATOR McClellan Oil Corporation
DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/2° 500'</u>	<u> </u>	<u> </u>
<u>3/4° 1015'</u>	<u> </u>	<u> </u>
<u>1° 1500'</u>	<u> </u>	<u> </u>
<u>1° 2010'</u>	<u> </u>	<u> </u>
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Drilling Contractor United Drilling, Inc.

By: *L. M. Gibbs*

Title: Business Manager

Subscribed and sworn to before me this 11th day of July,
1994.

Harold L. Lusk
Notary Public

My Commission Expires: 8-25-94
County Chaves State NM