

Operator Name Mobil Oil Corporation Lease Name Elmo Lodge #1 Unit Well # 3

Sec. 22 Twp. 33S Rge. 37 East West
 County Stevens

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)
 List All E.Logs Run:
 NO LOGS RUN

Log Formation (Top), Depth and Datums Sample
 Name Top Datum

CASING RECORD New Used
 Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface Casing	12.250	8.625	24#	657	Class C Class C	230 125	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2986	Class C Class C	160 75	3% D79 2% B28

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1 SPF	2594-2600 2789-2804	Acid: 1,000 gals 7.5% HCL	
	2637-52	Fracd: 765 bbls 20# Crosslink Gel	
	2689-99	141,400 lbs 12/20 Brady Sand	
	2740-55		

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 3-20-96 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		227			

Disposition of Gas: METHOD OF COMPLETION Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 2594
 (If vented, submit ACO-18.) Other (Specify) 2804

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER 05-12-9167 DATE

STAGE DS DISTRICT

DS-400-A PRINTED IN U.S.A.

WELL NAME AND NO. Elmo Lodge #1-3	LOCATION (LEGAL) SEC. 22-33S-37W	RIG NAME NORMAN #2
FIELD-POOL NUGOTIN	FORMATION CHASE/SURFACE	WELL DATA: BIT SIZE 12 1/4 CSG/Liner Size 8 5/8 BOTTOM 854 TOP 854
COUNTY/PARISH STEVENS	STATE KANSAS API. NO.	TOTAL DEPTH 162 WEIGHT 24# ORIGINAL
NAME MOBIL OIL CORP		<input checked="" type="checkbox"/> ROT <input type="checkbox"/> CABLE FOOTAGE 658
AND		MUD TYPE GRADE
ADDRESS		<input type="checkbox"/> BHST <input type="checkbox"/> BHCT THREAD 800
	ZIP CODE f	MUD DENSITY LESS FOOTAGE (SHOE JOINTS) 11.4 TOTAL
SPECIAL INSTRUCTIONS Schedule CMT 89% Surface Casing w/ the following as directed by the Cust.		MUD VISC Disp. Capacity 39

NOTE: Include Footage From Ground Level To Head In Disp. Capacity

TYPE Insect 89%	DEPTH 616.4
TYPE Guide Shoe	DEPTH 658

IS CASING/TUBING SECURED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	LIFT PRESSURE PSI	CASING WEIGHT SURFACE AREA (3.14 x R ²)
PRESSURE LIMIT 800 PSI	BUMP PLUG TO 570 RPM	ROTATE RPM RECIPROCATATE FT No. of Centralizers

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION			LEFT LOCATION		
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	
0001 to 2400													
0410	-	-	-	-	-	-	-	-	-	-	-	-	-
0430	-	1500	-	-	-	-	H2O	834	834	834	834	834	834
0430	-	70	23	-	5.8	H2O	834	834	834	834	834	834	834
0435	-	10	77	25		CMT	12.8	12.8	12.8	12.8	12.8	12.8	12.8
0440	-	10	27	102	5.8	CMT	14.6	14.6	14.6	14.6	14.6	14.6	14.6
0445	-	-	-	129	-	-	-	-	-	-	-	-	-
0450	-	10	40	10	5.8	H2O	8.34	8.34	8.34	8.34	8.34	8.34	8.34
0455	-	60	-	30	5.8	H2O	8.34	8.34	8.34	8.34	8.34	8.34	8.34
0500	-	-	-	31	3.10	H2O	8.34	8.34	8.34	8.34	8.34	8.34	8.34
0505	-	600	-	403	8.8	H2O	8.34	8.34	8.34	8.34	8.34	8.34	8.34
0510	-	-	-	-	-	-	-	-	-	-	-	-	-

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
			BBLS	DENSITY	BBLS	DENSITY		
1	230	1.89	30/50	POZ/L + 1.7% H ₂ O + 30% SI + 5% D44 + 1/2 SKD29	77.4	12.8		
2	125	1.22	30/50	POZ/L + 2% H ₂ O + 4% SKD29	27.8	14.1		
3								
4								
5								
6								

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX	MIN.
<input type="checkbox"/> HESITATION SQ.	<input type="checkbox"/> RUNNING SQ.	<input type="checkbox"/> CIRCULATION LOST	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Cement Circulated To Surf. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	12 92 Bbbs
BREAKDOWN: PSI FINAL	PSI	DISPLACEMENT VOL.	TYPE OF WELL	<input type="checkbox"/> OIL <input type="checkbox"/> STORAGE <input type="checkbox"/> BRINE WATER	
Washed Thru Parts <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	TO	FT	<input type="checkbox"/> WIRELINE	<input type="checkbox"/> INJECTION <input type="checkbox"/> WILDCAT	
PERFORATIONS	CUSTOMER REPRESENTATIVE	DS	SUPERVISOR		
TO TO	Russell W. Meloy		Don Sosa		

