

SIDE TWO

Operator Name Mobil Oil Corporation Lease Name Parker #1 Unit Well # 3
 Sec. 5 Twp. 32 Rge. 36 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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
List All E.Logs Run:			
NO LOGS RUN			

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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#	663	Class C Class C	200 150	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2949	Class C Class C	140 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	2676-2686	Acid: 1,000 gals 7.5% HCL	
	2726-2736	Fracd: 22,000 gals 20# Crosslink gel	
2 SPF	2778-2793	100,820 lbs 12/20 Brady Sand	

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 5-6-96			Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas 128 Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled

Production Interval: 2676 2793

CEMENTING SERVICE REPORT

Schlumberger
Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER: 8275 DATE: 4-13-96
STATE: KS DISTRICT:

DS-496-A PRINTED IN U.S.A.

WELL NAME AND NO. **Parker 1-3** LOCATION (LEGAL) **Sec. 5-32s-36w** RIG NAME: **NORSEMAN #2**

FIELD-POOL _____ FORMATION _____ WELL DATA: BIT SIZE **2 7/8** CSG/Liner Size **2 7/8** BOTTOM _____ TOP _____

COUNTY/PARISH **Stevens** STATE **Ks.** API. NO. _____ TOTAL DEPTH **8** WEIGHT **24** ORIGINAL

NAME **Mobil Oil Corp** MUD TYPE _____ GRADE **USS55** MUD DENSITY _____ LESS FOOTAGE SHOE JOINT(S) _____ MUD VISC. _____ Disp. Capacity **396** TOTAL _____

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

Float TYPE **baffle plate** DEPTH **672** Stage Tool TYPE _____ DEPTH _____

Shoe TYPE **cmt. nose** DEPTH **663** SQUEEZE JOB

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE **273** PSI CASING WEIGHT ÷ SURFACE AREA (3.14 x R²)

PRESSURE LIMIT _____ PSI BUMP PLUG TO **640** PSI

ROTATE _____ RPM RECIPROCATE _____ FT No. of Centralizers _____

Head & Plugs Double Single Swage Knockoff

TBG D.P. SIZE _____ WEIGHT _____ GRADE _____ THREAD _____

TOOL TYPE _____ DEPTH _____

TAIL PIPE: SIZE _____ DEPTH _____

TUBING VOLUME _____ Bbls

CASING VOL. BELOW TOOL _____ Bbls

TOTAL _____ Bbls

ANNUAL VOLUME _____ Bbls

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	
0001 to 2400											
0150	1500										
0154		0	25		5.1	H ₂ O					
0158		170	67		5.1	cmt. 12.8					
0205		140		40	5.1	cmt. 12.8					
0210		200			5.6	cmt. 14.6					
0213		190		20	5.6	cmt. 14.6					
0216		0									
0217		0	396		4.3	H ₂ O					
0222		150		20	4.8	H ₂ O					
0224		200		20	4.7						
0227		190		37	2.4						
0228		230		38	2.4						
0229		640		40	2.4						

RECEIVED
KANSAS CORPORATION COMMISSION
JUL 24 1996
CONSERVATION DIVISION
WICHITA, KS

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
			SO ₂	SO ₃	CaO	SiO ₂	BBLs	DENSITY
1.	200	1.89	50pm	6%	3%	5%	67.5	12.8
2.								
3.	150	1.22	50pm	2.5%			32.5	14.6
4.								
5.								
6.								

BREAKDOWN FLUID TYPE _____ VOLUME _____ DENSITY _____ PRESSURE _____ MAX. _____ MIN. **30.5**

HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO Bbls

BREAKDOWN PSI _____ FINAL PSI _____ DISPLACEMENT VOL. **396** Bbls

Washed Thru Perfs YES NO TO _____ FT. MEASURED DISPLACEMENT WIRELINE

PERFORATIONS TO _____ TO _____ CUSTOMER REPRESENTATIVE **Russell Wooley** DS SUPERVISOR **James Esquivel**

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

DS-496-A PRINTED IN U.S.A.

TREATMENT NUMBER 2277	DATE 7-16-96
STATION	DISTRICT Wichitas

WELL NAME AND NO. Parker #1-3	LOCATION (LEGAL) Sec 5-325-360	RIG NAME: NORSEMAN #2
FIELD-POOL Hugoton	FORMATION	WELL DATA:
COUNTY/PARISH Stevens	STATE Kc	API. NO.
NAME Mobil Oil Corp	AND	ADDRESS
SPECIAL INSTRUCTIONS	ZIP CODE	NOTE: Include Footage From Ground Level To Head In Disp. Capacity

BIT SIZE 2 7/8	CSG/Liner Size 5 1/2	BOTTOM	TOP
TOTAL DEPTH 2949	WEIGHT 14	FOOTAGE 2949	GRADE 1555
<input type="checkbox"/> ROT <input type="checkbox"/> CABLE	GRADE	THREAD 820	LESS FOOTAGE SHOE JOINT(S) 42
MUD TYPE	MUD DENSITY	MUD VISC.	Disp. Capacity 70.9

ORIGINAL

IS CASING/TUBING SECURED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	LIFT PRESSURE 1739 PSI	CASING WEIGHT ÷ SURFACE AREA (3.14 x R ²)	PSI	BUMP PLUG TO 1380 PSI	ROTATE RPM RECIPROCATATE FT No. of Centralizers
Head & Plugs	<input type="checkbox"/> Double	<input type="checkbox"/> TBG	<input type="checkbox"/> D.P.	SQUEEZE JOB	TOOL TYPE
<input type="checkbox"/> Single	<input type="checkbox"/> WEIGHT	TAIL PIPE: SIZE	DEPTH	TUBING VOLUME	Bbbs
<input type="checkbox"/> Swage	<input type="checkbox"/> GRADE	CASING VOL. BELOW TOOL	TOTAL	ANNUAL VOLUME	Bbbs
<input type="checkbox"/> Knockoff	<input type="checkbox"/> THREAD	TOP <input type="checkbox"/> R <input type="checkbox"/> W	<input type="checkbox"/> NEW <input type="checkbox"/> USED	BOT <input type="checkbox"/> R <input type="checkbox"/> W	DEPTH

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	
0247	3700				0230	7-16-96	0030	7-16-96	0530	7-16-96	
0350	0	25	5.6	H2O	PRE-JOB SAFETY MEETING - psi test						
0355	330	69	5.6	cmf	start H2O ahead						
0402	300	10	5.6	cmf	start load cmf						
0407	100	18	3.8	cmf	psi check						
0409	130	10	3.8	cmf	start tail cmf						
0411	0				psi check						
0414	0	70.9	5.7	H2O	shutdown wash pump lines						
0416	150	10	5.7	H2O	start displacement						
0421	200	40	5.7		psi check						
0423	210	50	5.6		" "						
0425	520	60	5.6		" "						
0425	600	63	2.4		lower rate						
0426	570	67	2.4		psi check						
0428	1380	71	2.4		bump top plug						
0430					bleed psi of check float + holding end job						

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBLs	DENSITY
1.	140	2.75	class C + 3% D79 + 2% D46 + 1/4" D29				68.3	11.5
2.								
3.	75	1.37	class C + 2% B28 + 2% cacl2 + .6% D60 + 2% D46 + 1/4" D29				18.2	14.8
4.								
5.								
6.								

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX.	MIN:
<input type="checkbox"/> HESITATION SQ.	<input type="checkbox"/> RUNNING SQ.	CIRCULATION LOST	7-24-96	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Cement Circulated To Surf. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
BREAKDOWN	PSI	FINAL	PSI	DISPLACEMENT VOL.	70.9 Bbbs
Washed Thru Perfs	<input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT	<input type="checkbox"/> WIRELINE
PERFORATIONS	TO	TO	CUSTOMER REPRESENTATIVE	DS	SUPERVISOR
			Russell Worley		James Esquivel