

SIDE TWO

Operator Name Mobil Oil Corporation Lease Name Kenoyer #1 Unit Well # 3
 Sec. 28 Twp. 32S 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 Name Top Datum
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
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#	619	Class C Class C	225 175	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2982	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	2656-2666	Acid: 1,000 gals 7.5% HCL	
	2685-2700	Fracd: 24,500 gals 20# Crosslink gel	
	2741-2751	125,600 lbs 12/20 Brady Sand	
	2800-2810		

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. 7-8-96	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 Mcf	Water Bbls.	Gas-Oil Ratio Gravity
		271		

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval: 2656 2810

CEMENTING SERVICE REPORT

Schlumberger
Dowell

TREATMENT NUMBER: 25-12-8398
DATE: 6-7-96
STAGE: Ulysses
DS: Ks
DISTRICT: Ks

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

WELL NAME AND NO.: *Kenoyer #1-3*
LOCATION (LEGAL): *Sec. 28-325-36W*

RIG NAME: *HOESEMAN #2*
WELL DATA: BIT SIZE *12 1/4* CSG/Liner Size *8 7/8*
TOTAL DEPTH: *629* WEIGHT: *24*
 ROT CABLE FOOTAGE: *622*
MUD TYPE: GRADE: *USS55*
 BHST THREAD: *820*
 BHCT LESS FOOTAGE SHOE JOINT(S): *39*
MUD DENSITY: *3.7*
MUD VISC.: Disp. Capacity: *37.1*

COUNTY/PARISH: *Stephens*
STATE: *Ks*
API. NO.:

NAME: *Mobil Oil Corp*
AND:

ADDRESS:
ZIP CODE:

SPECIAL INSTRUCTIONS:

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

Float	TYPE	<i>BAFFLE Plate</i>	Stage Tool	TYPE	
	DEPTH	<i>583</i>		DEPTH	
SHOE	TYPE	<i>cmt. nose</i>		TYPE	
	DEPTH	<i>622</i>		DEPTH	

IS CASING/TUBING SECURED? YES NO
LIFT PRESSURE: *256* PSI CASING WEIGHT - SURFACE AREA (3.14 x R²): *740* PSI
PRESSURE LIMIT: *740* PSI BUMP PLUG TO: *740* PSI
ROTATE: RPM RECIPROCATE FT No. of Centralizers

Head & Plugs: TBG D.P. SQUEEZE JOB
 Double SIZE TOOL TYPE
 Single WEIGHT DEPTH
 Swage GRADE TAIL PIPE: SIZE DEPTH
 Knockoff THREAD TUBING VOLUME Bbbls
TOP R W NEW USED CASING VOL. BELOW TOOL Bbbls
BOT R W DEPTH TOTAL Bbbls
ANNUAL VOLUME Bbbls

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR TIME DATE			ARRIVE ON LOCATION TIME DATE		LEFT LOCATION TIME DATE	
	TBG OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL			
0001 to 2400								PRE-JOB SAFETY MEETING			
0634	<i>1500</i>							start H2O ahead			
0634	<i>0</i>		<i>15</i>		<i>5.7</i>	<i>H2O</i>		start lead cmt.			
0637	<i>100</i>		<i>76</i>		<i>5.7</i>	<i>cmt</i>	<i>12.8</i>	psi check			
0646	<i>150</i>			<i>50</i>	<i>5.7</i>	<i>cmt</i>	<i>12.8</i>	start tail cmt.			
0651	<i>100</i>		<i>38</i>		<i>4</i>	<i>cmt</i>	<i>14.6</i>	psi check			
0655	<i>190</i>		<i>22</i>		<i>5.7</i>	<i>cmt</i>	<i>14.6</i>	shut down deep top plug			
0658	<i>0</i>							start displacement			
0700	<i>0</i>		<i>37'</i>		<i>5.2</i>	<i>H2O</i>		psi check			
0705	<i>190</i>		<i>20</i>		<i>5.2</i>	<i>H2O</i>		lower rate			
0707	<i>240</i>		<i>30</i>		<i>2.2</i>			psi check			
0708	<i>210</i>		<i>35</i>		<i>2.2</i>			bump top plug			
0709	<i>740</i>		<i>37'</i>		<i>2.2</i>			shut in cmt. manifold			
0710								blood psi of end job			

RECEIVED
STATE CORPORATION COMMISSION
AUG 14 1996

REMARKS:

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
			Bbbls	DENSITY	Bbbls	DENSITY		
1.	<i>225</i>	<i>1.89</i>	<i>SO₂ + 6% gel + 3% arch + 5% D44 + 1/4" D29</i>				<i>75.7</i>	<i>12.8</i>
2.								
3.	<i>175</i>	<i>1.22</i>	<i>SO₂ + 2.5% arch + 1/4" D29</i>				<i>38</i>	<i>14.6</i>
4.								
5.								
6.								

BREAKDOWN FLUID TYPE: HESITATION SQ. RUNNING SQ. CIRCULATION LOST: YES NO
PRESSURE: *9850* MAX. 33 Bbbls
Cement Circulated To Surf. YES NO
BREAKDOWN: PSI FINAL PSI DISPLACEMENT VOL. *37.1* Bbbls
TYPE OF WELL: OIL STORAGE BRINE WATER
 GAS INJECTION WILDCAT
MEASURED DISPLACEMENT: WIRELINE
PERFORATIONS: TO TO TO TO
CUSTOMER REPRESENTATIVE: *Marvin HARVEY*
DS SUPERVISOR: *James Esquivel*

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER	8400	DATE	6-9-96
PAGE	45	DS	DISTRICT
			0312 UKS

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

WELL NAME AND NO.	LOCATION (LEGAL)	RIG NAME:
KENOYER #1-3	SEC 28-32S-36W	NOORMAN #2
FIELD-POOL	FORMATION	WELL DATA:
HUGOTON	CHASE	BIT SIZE 7 7/8
COUNTY/PARISH	STATE	CSG/Liner Size
STEVENS	KANSAS	5 1/2
	API. NO.	TOTAL DEPTH
	6085C	2988
NAME		WEIGHT
Mobil Oil		14
AND		ROT/CABLE
		FOOTAGE
		2988
ADDRESS		MUD TYPE
		GRADE
		GRADE
		THREAD
		820
		MUD DENSITY
		LESS FOOTAGE SHOE JOINT(S)
		44
		MUD VISC.
		Disp. Capacity
		2988 2943
		71.8 TOTAL
		72.7

NOTE: Include Footage From Ground Level To Head In Disp. Capacity	
Float	TYPE
	DEPTH
SHOE	TYPE
	DEPTH
Stage Tool	TYPE
	DEPTH

SPECIAL INSTRUCTIONS

Safely deliver chemicals & equipment to safely cement 5 1/2 long string as directed by company personnel

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE 1758 PSI CASING WEIGHT ÷ SURFACE AREA (3.14 x R²)

PRESSURE LIMIT PSI BUMP PLUG TO 1040 PSI

ROTATE RPM RECIPROCATE FT No. of Centralizers

Head & Plugs	<input type="checkbox"/> TBG <input type="checkbox"/> D.P.	SQUEEZE JOB
<input type="checkbox"/> Double	SIZE	TYPE
<input checked="" type="checkbox"/> Single	WEIGHT	DEPTH
<input type="checkbox"/> Swage	GRADE	TAIL PIPE: SIZE DEPTH
<input type="checkbox"/> Knockoff	THREAD	TUBING VOLUME Bbls
TOP <input checked="" type="checkbox"/> R <input type="checkbox"/> W	<input type="checkbox"/> NEW <input type="checkbox"/> USED	CASING VOL. BELOW TOOL Bbls
BOT <input type="checkbox"/> R <input type="checkbox"/> W	DEPTH	TOTAL Bbls
		ANNUAL VOLUME Bbls

TIME	PRESSURE	VOLUME PUMPED BBL	JOB SCHEDULED FOR TIME: 1500 DATE: 6-9-96	ARRIVE ON LOCATION TIME: 1500 DATE: 6-9-96	LEFT LOCATION TIME: 2030 DATE: 6-9-96
0001 to 2400	TBG OR D.P. CASING	INCREMENT CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY

TIME	TBG OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
1827	NA	280	14		5.5	h2o	8.34	START h2o AHEAD
1830		290	66	14	5.5	cmt	11.5	START LEAD cmt
1842		180	17	80	5.5	cmt	14.8	START TAIL cmt
1847		0		97				Shutdown, wash lines & drop plug
1849		0	71.5	97	8	h2o	8.34	START DISPLACEMENT
1904		346	23	122	2.3	ABD	8.34	LOWER RATE
1909		550/1026		1685	-	h2o	8.34	Bump Top Plug
1910		0				h2o	8.34	BLEED psi off

RECEIVED
STATE CORPORATION COMMISSION
AUG 14 1996
CONSTRUCTION DIVISION
WICHITA KANSAS

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% DT9 + 0.2% D46 + 0.25% BK D29		68.5	11.5
2.	75	1.37	CLASS C + 2% B28 + 2% S1 + 0.6% D60 + 0.2% D46 + 0.25% BK D29		18.3	14.8
3.						
4.						
5.						
6.						

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX.
<input type="checkbox"/> HESITATION SQ.	<input type="checkbox"/> RUNNING SQ.	CIRCULATION LOST	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	1040
BREAKDOWN	PSI	FINAL	PSI	DISPLACEMENT VOL.
Washed Thru Perfs	<input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT
PERFORATIONS	TO	TO	CUSTOMER REPRESENTATIVE	DS SUPERVISOR
			MARVIN HARVEY	Johnny Elliott