

Mobil Oil Company

A Division of Socal, Inc. Mobil Oil Company, Inc.

CO782(13-62)

WELL RECORD

15135-0001-0000

Total Depth Drilled <u>4385'</u>	Permit No. _____	Lease Name <u>May Schneider</u>
Oil String Set @ <u>4368'</u>	Serial No. _____	Well No. <u>#2</u>
Plug Back Depth _____	Completed as <u>Oil Well</u>	Field <u>Schaben South</u>
Vertical or Directional Hole <u>Vertical</u>	(TYPE OF WELL)	District <u>Wichita</u>
Parish _____	State <u>Kansas</u>	State Reg. District _____
County <u>Ness</u>	State Reg. District _____	
Block Section <u>12</u>	Lot Township <u>20S</u>	Unit Range <u>22W</u>
Location of Well: <u>75' N/C NW NE</u>	Distance From Nearest Town _____	

DATE SUMMARY	Date	Work Performed By	Remarks
Location Staked			
Commenced Erecting Derrick			
Completed Erecting Derrick			
Commenced Rigging Up			
Initial Rigging Up Completed			
Commenced Drilling (Spud Date)	<u>4/7/64</u>	<u>Peel Bros Drlg Co.</u>	
Completed Drilling (Total Depth)	<u>4/18/64</u>	<u>" " " "</u>	
Moved In Cable Tools	<u>4/24/64</u>	<u>Dover Drilling Co.</u>	
Oil String Casing Set	<u>4/19/64</u>	<u>Peel Bros Drlg Co.</u>	
Plug Back (Final)			
Perforations (Final)			
Completed Subsurface Installations (Final)			
Completed Well Head Installations (Final)			
Commenced Bringing in (Final)			
Well Cleaned (Final)	<u>4/25/64</u>	<u>Company Completion</u>	
Commenced Abandonment			
Completed Abandonment			

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Insert the first work started, as; Build Road, Build Board Road and Turn around, Dig Canal, Clear and/or Grade Location, Lay fuel and Water Lines, Dig Slush Pit, Build Rig Foundation, or, Install Drilling Foundation.

NO. DAYS WATER USED	: SOURCE	: SOURCE
NO. DAYS FUEL USED	: KIND	: SOURCE
Measuring Point Will Be	Ground <u>Kelly Bushing DF</u>	Kelly Bushing to Surface Csg.
Kelly Drive Bushing.	Elevation <u>2218'</u>	To Gr. Elev. <u>5'</u> Surface Csg. Flg. _____ Flange Elev. _____

CASING, TUBING, & * CEMENTING RECORD

Size	Weight	Collars & Threads	Kind	Rge	Jts.	Total Feet Less Threads			Total No. Scratchers and Where Placed	Total No. Centralizers and Where Placed
						Put In	Pulled	Left In		
<u>5/8"</u>	<u>20#</u>	<u>8rt</u>	<u>J-55</u>	<u>2</u>	<u>9</u>	<u>316'</u>		<u>316'</u>		
Cmtd @ 321' w/250 sx reg w/2% CaCl ₂ .										
From to Top:										
<u>1/2"</u>	<u>17#</u>	<u>8rd</u>	<u>J-55</u>	<u>2</u>	<u>5)</u>					
<u>1/2"</u>	<u>14#</u>	<u>8rd</u>	<u>H-40</u>	<u>2</u>	<u>18)</u>					
<u>1/2"</u>	<u>14#</u>	<u>8rd</u>	<u>H-40</u>	<u>2</u>	<u>115)</u>	<u>4363'</u>		<u>4363'</u>		
<u>1/2"</u>	<u>17#</u>	<u>8rd</u>	<u>J-55</u>	<u>2</u>	<u>1)</u>					
Cmtd csg @ 4368' w/75 sx slt sat Pozmix.										

Following each string of casing, and using the full width of the sheet, give complete cementing record as follows: Where landed, Amount and kind of cement, amount and kind of Additives, Stages of Cementing, Cement Tops, Slurry weight per Gal. and WOC Hours.

Give the balance of Well Record by Sections, in the order listed below, carefully following instructions in the Field Manual for each section. Use the reverse side of this sheet and subsequent sheets on Form CD7287 As needed.

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| <ul style="list-style-type: none"> Section 1- Production Tests and Potential Test Data Section 2- Formation Summary Section 3- Depth Measurements Section 4- Drill Stem Tests Section 5- Perforating and Squeeze Record Section 6- Surveys Performed | <ul style="list-style-type: none"> Section 7- Core Record Section 8- Bit Record Section 9- Acidizing or Other Completion Operation Section 10- Summary of Operations Section 11- Formation Record Section 12- Plugging & Abandonment Record |
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SECTION 1 - PRODUCTION TEST & POTENTIAL TEST DATA

Miss. Osage open hole 4368-85' - P 28 BNO + 40 BSW/24 hrs.

SECTION 2 - FORMATION SUMMARY

Formation	Depth'	Subsea'
Heebner	3722	-1499
Toronto	3740	-1517
Marmaton	4122	-1899
Cherokee	4270	-2047
Ft. Scott	4276	-2053
Miss. Osage	4366	-2143

SECTION 3 - DEPTH MEASUREMENTS

NONE

SECTION 4 - DRILL STEM TESTS

NONE

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SECTION 5 - PERFORATION & SQUEEZE RECORD

NONE

SECTION 6 - SURVEYS PERFORMED

No.	Kind	From	To	Deviation Survey	
				Depth'	Vertical Dev. °
1	Dual Induct - Laterolog (Schlumberger)	4382	321		
2	Sonic - GR (Schlumberger)	4380	2700	1500	±
3	Microlaterolog (Schlumberger)	4386	3700	2000	±
4	Amplitude Sonic (Schlumberger)	4377	4100	2500	±
5	Movable Oil Plot (Schlumberger)	4386	3700	3500	±
				4000	±

SECTION 7 - CORE RECORD

Core #1 - 4345-68' - 23' jammed.

4345-48' Red & gray interbed sh - waxy-limonitic w/slicken sides & interbedded crse qtz, grns & brn dns-lm.

4348-49' Red waxy sh w/thin sh bands & tan ls nodules.

4349-50' Red waxy sh.

4350-53' Gray & blk sli limonitic, sh w/slicken sides

4353-60' Alt gry & gry blk & red sh bands w/thin seams of med to course rounded prly sorted qtz sd w/few scattered ls nodules. @ 4358' stringers of clear white v.f gr sd w/gilsonite filling.

4360-63' Red waxy sh w/slicken sides.

4363-66' Drk olive green to grass green sh, transition from Penn to Miss shales.

4366-68' Bright grass green sh w/incl white f xln to dns ls nodules & white opaque chert cobbles, bleeding oil from pin-point porosity and hairline fractures. Also bleeding oil at shale-chert contacts.

Core #2 - 4368-85', recd 17'.

4368-71' Green sh w/scattered chert nodules. Scattered bleeding of oil around nodules.

4371-85' White opaque chert w/hairline to major fractures. Major fractures are shale filled & bleeding oil. Scattered p p to vug porosity w/gd oil bleeding. Thin bands of buff v f xln dolomite w/free oil. Best pay interval 4377-85'.

SECTION 8 - BIT RECORD

No.	Size
1	12 1/4"
11	7 7/8"

SECTION 9 - COMPLETION OPERATIONS

4/24/64 - TD 4385'. MI&RUCT. Swb fluid to 4285'. Drld - contaminated cmt 4328-34'.

4/25/64 - Bailing. DO plug & cmt 4334-66', shoe 4366-68'. CO rotary hole 4368-85'. Filled up 200'. Bailed oil cut mud for 2 hrs. Recd 2 bbl.

4/26/64 - Testing. Overnigh FU 1300' of oil, OCM & wtr. Swb down 6.75 BO, 10 BOCM, 3.75 BSW. 9 hr swb test 27 BO, 13.5 BSW.

4/27/64 - ONFU 1260'. Swb down 20.5 BO, 11 BSW. 10 hr swb test 28.82 BO, 10 BSW.

4/28/64 - ONFU 1300'. Checked TD w/bailer - OK. Put on tbg head & started running tbg.

5/3/64 - Pumped 37 BO, 50 BW/15 hrs.

5/4/64 - 12 hr test P 32.25 BO, 1837 BW. Pumped off 12 1/2 spm x 54" x 1 1/2".

5/7/64 - P 23.25 BO, 28.50 BSW/12 hrs.

5/8/64 - Pumping on test 16 hr 34.3 BO + 32.25 BSW.

5/10/64 - P 21.75 BNO + 28.87 BSW/16 hrs. Well had pumped 24 hr into lease battery prior, to test.