

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 5208
Name: Exxon Mobil Oil Corporation *
Address: P. O. Box 4358
City/State/Zip: Houston, TX 77210-4358
Purchaser: _____
Operator Contact Person: Beverly Roppolo
Phone: (281) 654-1943
Contractor: Name: Key Energy
License: 33223
Wellsite Geologist: N. A.

Designate Type of Completion: Workover
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator: Mobil Oil Corporation
Well Name: L. PORTER UNIT, WELL #5

Original Comp. Date: 9-24-95 Original Total Depth: 2930
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

3-25-00 8-31-95 3-31-00
~~SPUD~~ Date of **START** Date Reached TD Completion Date of
te
OF WORKOVER **WORKOVER**

API No. 15 - 189-21985 - 00 - 01
County: Stevens
SE NW NE Sec. 34 Twp. 32 S. R. 37 East West
1250 FNL feet from S / (circle one) Line of Section
1600 FEL feet from (circle one) W Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: L. PORTER UNIT Well #: 5
Field Name: Hugoton

Producing Formation: Chase
Elevation: Ground: 3125 Kelly Bushing: 3134
Total Depth: 2930 Plug Back Total Depth: 2884
Amount of Surface Pipe Set and Cemented at 666 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set N. A. Feet
If Alternate II completion, cement circulated from N. A.
feet depth to N. A. w/ N. A. sx cmt.

Drilling Fluid Management Plan REWORK g. 2. 12/04/03
(Data must be collected from the Reserve Pit)
Chloride content N. A. ppm Fluid volume N. A. bbls
Dewatering method used _____

Location of fluid disposal if hauled offsite:
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

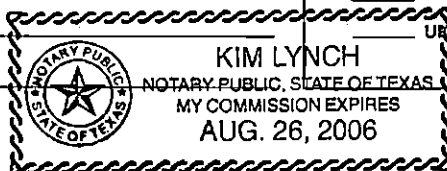
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Beverly Roppolo
Title: Contract Completions Admin. Date: 9/19/03

Subscribed and sworn to before me this 19th day of September,
2003.

Notary Public: Kim Lynch
Date Commission Expires: Aug. 26, 2006



KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

X

Operator Name: Exxon Mobil Oil Corporation * Lease Name: L. PORTER UNIT Well #: 5
 Sec. 34 Twp. 32 S. R. 37 East West County: Stevens

INSTRUCTIONS Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>U. KRIDER</td> <td>2604</td> <td>2614</td> </tr> <tr> <td>L. KRIDER</td> <td>2645</td> <td>2652</td> </tr> <tr> <td>WINFIELD</td> <td>2692</td> <td>2707</td> </tr> <tr> <td>TOWANDA</td> <td>2756</td> <td>2771</td> </tr> <tr> <td>U. FT. RILEY</td> <td>2798</td> <td>2808</td> </tr> </tbody> </table>	Name	Top	Datum	U. KRIDER	2604	2614	L. KRIDER	2645	2652	WINFIELD	2692	2707	TOWANDA	2756	2771	U. FT. RILEY	2798	2808
Name	Top	Datum																	
U. KRIDER	2604	2614																	
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TOWANDA	2756	2771																	
U. FT. RILEY	2798	2808																	

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	12.250	8.625	24#	666	CLASS C	215, 175	50:50 c/poz
PRODUCTION	7.875	5.500	14#	2921	CLASS C	300, 150	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 <i>(Amount and Kind of Material Used)</i>	Depth
1 SPF	2604' - 2808'	FRAC'D WELL WITH 961,200 scf OF 80Q N2 FOAM @ 80BPM	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. 9-22-95	Producing Method <input 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

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

METHOD OF COMPLETION

Production Interval Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Stimulation Service Report

ORIGINAL WICHITA

Schlumberger
Dowell

Customer: MOBIL DRILLING V390500757A
Job Number: 20150884

Well: L Porter 5		Location (legal): Sec. 34-32S-37W		Dowell Location: Ulysses, KS		Job Start: 03/28/2000		
Field: Hugoton		Formation Name/Type: Chase		Deviation: 0°	Bit Size: 0 in	Well MD: 0 ft	Well TVD: 0 ft	
County: Stevens		State/Province: Kansas		BHP: 0 psi	BHST: 0 °F	BHCT: 0 °F	Pore Pres Gradient: 0 psi/ft	
Rig Name: Key Energy	Drilled For: Gas	Service Via: Land		Casing				
Offshore Zone:	Well Class: Old	Well Type: Workover		Depth, ft: 0	Size, in: 5.5	Weight, lb/ft: 14	Grade:	Thread:
Primary Treating Fluid: 80Q Foam	Polymer Loading: 30 lb/1000gal	Fluid Density: lb/gal		Tubing				
Service Line: Fracturing	Job Type: Frac, N2 Foam/Energized		Depth, ft: 0	Size, in: 0	Weight, lb/ft: 0	Grade:	Thread:	
Max. Allowed Tubing Pressure: 2500 psi	Max. Allowed Ann. Pressure: 0 psi	Wellhead Connection: 5 1/2 X 4 Swage		Perforated Intervals				
Service Instructions Safely deliver & perform Foam Frac with materials & equipment listed on the Service Receipt. Per clients instructions.				Top, ft: 0	Bottom, ft: 0	spf: 0	No. of Shots: 0	Total Interval: 0 ft
				0	0	0	0	Diameter: 0 in
				0	0	0	0	0
				Treat Down Casing	Displacement: 0 bbl	Packer Type: None	Packer Depth: 0 ft	
Job Scheduled For:	Arrived on Location: 03/28/2000 12:30	Leave Location: 03/28/2000 15:30	Tubing Vol.: 0 bbl	Casing Vol.: 0 bbl	Annular Vol.: 0 bbl	Open Hole Vol.: 0 bbl		

Time	BH Foam Q	BHinj Rate	Tot N2	Total Flowrate	Total N2 Rate	Total Volume	Treating Psl	Message
24 hr clock	%	bpm	ft3	bpm	ft3/min	bbl	psi	
13:41	0	0	0	0	0	0	0	START ACQUISITION
13:41	0.	0.	0.	0.	0.	0.	224.4	0
13:42	0.	0.	0.	0.	0.	0.039	2024	0
13:42	0.	0.	0.	0.	0.	0.039	2024	0
13:42	0.	0.	0.	0.	0.	0.044	3068	0
13:43	0.	0.	0.	0.	0.	0.044	3013	0
13:43	0.	0.	0.	0.	0.	0.044	2985	0
13:44	0.	0.	0.	0.	0.	0.044	2944	0
13:44	0.	0.	0.	0.	0.	0.044	155.7	0
13:45	0.	0.	0.	0.	0.	0.044	251.8	0
13:45	0.	0.	0.	0.	0.	0.044	251.8	0
13:45	0.	1.69	0.	1.69	0.	0.168	18.32	0
13:46	0.	8.08	0.	8.08	0.	2.74	45.79	0
13:46	0.	8.08	0.	8.08	0.	2.74	45.79	0
13:46	0.	8.08	0.	8.08	0.	2.74	45.79	0
13:46	79.22	42.	5390	8.73	14108	6.78	297.6	0
13:47	80.02	40.41	12328	8.08	13710	10.77	549.5	0
13:47	78.42	41.04	19210	8.86	13644	14.85	718.9	0
13:48	79.66	71.71	27485	14.59	24220	19.9	879.1	0
13:48	80.18	80.82	40327	16.02	27474	27.64	1342	0
13:49	79.98	80.69	54127	16.15	27366	35.79	1593	0
13:49	79.93	80.47	67869	16.15	27272	43.93	1790	0
13:50	79.98	80.68	81617	16.15	27358	52.02	1790	0
13:50	80.02	80.86	95390	16.15	27434	60.14	1712	0
13:51	79.9	81.02	109180	16.28	27450	68.29	1612	0
13:51	80.1	81.18	123013	16.15	27570	76.46	1575	0
13:52	80.27	81.2	136891	16.02	27636	84.56	1561	0
13:52	80.25	81.13	150774	16.02	27606	92.66	1506	0
13:53	80.1	81.18	164638	16.15	27570	100.8	1497	0

Well		Field				Service Date		Customer		Job Number	
L Porter #5		Hugoton						MOBIL DRILLING V39050075		20150884	
Time	BH Foam Q	BHinj Rate	Tot N2	Total Flowrate	Total N2 Rate	Total Volume	Treating Psi			Message	
24 hr clock	%	bpm	ft3	bpm	ft3/min	bbf	psi				
13:53	80.08	81.09	178491	16.15	27534	108.9	1488	0			
13:54	80.11	81.19	192348	16.15	27578	117.	1488	0			
13:54	80.06	81.	206198	16.15	27494	125.1	1484	0			
13:55	80.05	80.94	220049	16.15	27472	133.2	1511	0			
13:55	80.06	81.02	233862	16.15	27504	141.4	1529	0			
13:56	80.34	82.18	247726	16.15	27994	149.5	1525	0			
13:56	80.11	81.2	261690	16.15	27582	157.6	1520	0			
13:57	80.08	81.1	275539	16.15	27538	165.7	1470	0			
13:57	79.97	80.64	289318	16.15	27344	173.8	1493	0			
13:58	79.99	80.71	303064	16.15	27374	181.9	1511	0			
13:58	79.94	80.51	316818	16.15	27288	190.1	1474	0			
13:59	79.98	80.67	330573	16.15	27356	198.2	1488	0			
13:59	79.97	80.65	344318	16.15	27348	206.3	1493	0			
14:00	79.97	80.64	358062	16.15	27344	214.4	1488	0			
14:00	79.92	80.45	371802	16.15	27262	222.5	1497	0			
14:01	79.99	80.72	385549	16.15	27376	230.6	1474	0			
14:01	79.99	80.72	399304	16.15	27378	238.7	1447	0			
14:02	80.	80.76	413081	16.15	27392	246.8	1488	0			
14:02	80.14	80.69	426849	16.02	27418	254.9	1502	0			
14:03	80.12	80.6	440621	16.02	27382	263.	1506	0			
14:03	80.11	80.55	454357	16.02	27360	271.	1502	0			
14:04	79.97	80.64	468100	16.15	27344	279.1	1479	0			
14:04	79.96	80.61	481837	16.15	27332	287.2	1438	0			
14:05	80.06	80.35	495582	16.02	27274	295.3	1474	0			
14:05	80.09	80.49	509325	16.02	27334	303.4	1470	0			
14:06	79.96	80.61	523055	16.15	27332	311.5	1438	0			
14:06	79.91	80.39	536784	16.15	27236	319.6	1474	0			
14:07	79.99	80.71	550525	16.15	27372	327.7	1484	0			
14:07	80.13	80.63	564301	16.02	27392	335.8	1484	0			
14:08	80.13	80.63	578069	16.02	27392	343.9	1479	0			
14:08	79.98	80.67	591814	16.15	27356	351.9	1484	0			
14:09	79.98	80.67	605572	16.15	27354	360.	1479	0			
14:09	79.99	80.71	619330	16.15	27374	368.1	1479	0			
14:10	80.1	80.49	633074	16.02	27336	376.2	1479	0			
14:10	80.03	80.24	646808	16.02	27230	384.3	1484	0			
14:11	79.95	80.58	660535	16.15	27316	392.4	1484	0			
14:11	80.08	80.45	674263	16.02	27316	400.5	1465	0			
14:12	79.91	80.42	687992	16.15	27248	408.6	1451	0			
14:12	79.98	80.67	701738	16.15	27354	416.6	1433	0			
14:13	79.99	80.71	715484	16.15	27374	424.7	1433	0			
14:13	80.	80.77	729244	16.15	27396	432.8	1438	0			
14:14	80.02	80.86	743018	16.15	27436	440.9	1470	0			
14:14	80.03	80.88	756790	16.15	27444	449.	1493	0			
14:15	80.02	80.86	770583	16.15	27434	457.	1474	0			
14:15	80.03	80.9	784384	16.15	27452	465.1	1447	0			
14:16	80.16	80.75	798183	16.02	27444	473.2	1465	0			
14:16	80.16	80.74	811978	16.02	27440	481.3	1493	0			
14:17	80.03	80.87	825766	16.15	27440	489.4	1470	0			
14:17	80.16	80.74	839559	16.02	27440	497.4	1442	0			
14:18	80.15	80.73	853350	16.02	27438	505.5	1488	0			
14:18	80.13	80.64	867134	16.02	27400	513.6	1484	0			
14:19	80.11	80.55	880909	16.02	27362	521.7	1442	0			
14:19	79.95	80.57	894674	16.15	27312	529.7	1502	0			
14:20	80.09	80.48	908439	16.02	27332	537.8	1470	0			

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 SEP 25-2003
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ORIGINAL

Well L Porter #5			Field Hugoton			Service Date		Customer MOBIL DRILLING V39050075		Job Number 20150884	
Time	BH Foam Q	BHinj Rate	Tot N2	Total Flowrate	Total N2 Rate	Total Volume	Treating Psi			Message	
24 hr clock	%	bpm	ft3	bpm	ft3/min	bbl	psi				
14:20	80.14	80.69	922212	16.02	27420	545.9	1484	0			
14:21	100.	64.71	935991	0.	27438	550.9	1364	0			
14:21	100.	64.56	949787	0.	27372	550.9	1323	0			
14:22	100.	2.49	961091	0.	1056	550.9	1168	0			
14:22	0.	0.	961163	0.	0.	550.9	1108	0			
14:23	0.	0.	961163	0.	0.	550.9	1090	0			
14:23	0.	0.	961163	0.	0.	550.9	1071	0			
14:24	0.	0.	961163	0.	0.	550.9	1058	0			
Post Job Summary											
Average Injection Rates, bpm						Volume of Fluid Injected, bbl					
Fluid	N2	CO2	Maximum Rate			Clean Fluid	Acid	Oil	CO2	N2 (scf)	
16	0	0	16.3			550	0	0	0	961200	
Treating Pressure Summary, psi						Quantity of & placed, lb					
Breakdown	Maximum	Final	Average	ISIP	15 Min. ISIP	Total Injected		Total Ordered/Designed			
0	1848	1351	1500	1084	0	0		0			
N2 Percent	CO2 Percent		Designed Fluid Volume		Displacement	Slurry Volume		Pad Volume		Percent Pad	
80 %	0 %		100000 gal		65 bbl	550 bbl		0 gal		0 %	
Customer or Authorized Representative			Dowell Supervisor			Number of Stages		Fracture Gradient		<input checked="" type="checkbox"/> Job Completed <input type="checkbox"/> Screen Out	
John Rice			Dave Brawley			1		0 psi/ft			

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