

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 _____ SLOW _____ 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: SCHMIDT #1 UNIT, WELL #3
 Original Comp. Date: 10-16-95 Original Total Depth: 3000'
 _____ 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. _____
 4-9-00 9-19-95 4-11-00
~~DATE~~ Date of START Date Reached TD Completion Date of
OF WORKOVER **WORKOVER**

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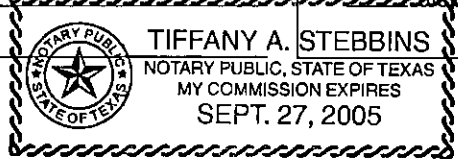
API No. 15 - 189-21949-00-01
 County: Stevens
SE, NW, NW Sec. 5 Twp. 33 S. R. 37 East West
1250 FNL feet from S / (N) (circle one) Line of Section
1250 FWL feet from E / (W) (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE (NW) SW
 Lease Name: SCHMIDT #1 UNIT Well #: 3
 Field Name: Hugoton
 Producing Formation: Chase
 Elevation: Ground: 3143 Kelly Bushing: 3152
 Total Depth: 3000 Plug Back Total Depth: 2973
 Amount of Surface Pipe Set and Cemented at 670 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.H. 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: 8/28/03
 Subscribed and sworn to before me this 28 day of August,
2003.
 Notary Public: Tiffany A. Stebbins
 Date Commission Expires: 9-27-05



KCC Office Use ONLY
 _____ Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 _____ Wireline Log Received
 _____ Geologist Report Received
 _____ District _____

X

Operator Name: Exxon Mobil Oil Corporation * Lease Name: SCHMIDT #1 UNIT Well #: 3
 Sec. 5 Twp. 33 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;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>HERRINGTON</td> <td>2566</td> <td>2572</td> </tr> <tr> <td>U. KRIDER</td> <td>2594</td> <td>2604</td> </tr> <tr> <td>L. KRIDER</td> <td>2636</td> <td>2656</td> </tr> <tr> <td>WINFIELD</td> <td>2688</td> <td>2703</td> </tr> <tr> <td>TOWANDA</td> <td>2744</td> <td>2764</td> </tr> </table>	Name	Top	Datum	HERRINGTON	2566	2572	U. KRIDER	2594	2604	L. KRIDER	2636	2656	WINFIELD	2688	2703	TOWANDA	2744	2764
Name	Top	Datum																	
HERRINGTON	2566	2572																	
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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#	670	CLASS C	215, 150	50:50 c/poz
PRODUCTION	7.875	5.500	14#	2993	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 (Amount and Kind of Material Used)	Depth
1 SPF	2566' - 2816'	FRAC'D WELL WITH 1,107,900 scf OF 80Q N2 FOAM @ 80BPM	

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 Enhr.		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 Open Hole Perf. Dually Comp. Commingled

Production Interval Other (Specify) _____

Schlumberger
Dowell

Stimulation Service Report

ORIGINAL

Customer: MOBIL DRILLING V390500757A
Job Number: 20153036

Well: Schmidt 1-3
Location (legal): Sec. 12-32S-37W
Dowell Location: Ulysses, KS
Job Start: 04/10/2000

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
Poro Pres Gradient: 0 psi/ft

Rig Name: [Blank]
Drilled For: Gas
Service Via: Land
Casing:
Depth, ft: 0
Size, in: 0
Weight, lb/ft: 0
Grade: [Blank]
Thread: [Blank]

Offshore Zone: [Blank]
Well Class: Old
Well Type: Workover
Tubing:
Depth, ft: 0
Size, in: 0
Weight, lb/ft: 0
Grade: [Blank]
Thread: [Blank]

Primary Treating Fluid: 80Q Foam
Polymer Loading: 30 lb/1000gal
Fluid Density: [Blank] lb/gal
Service Line: Fracturing
Job Type: Frac, N2 Foam/Energized
Perforated Intervals:
Top, ft: 0
Bottom, ft: 0
spf: 0
No. of Shots: 0
Total Interval: 0 ft

Max. Allowed Tubing Pressure: 2500 psi
Max. Allowed Ann. Pressure: 0 psi
Wellhead Connection: 5 1/2 X 4 Swage
Service Instructions: Safely deliver & perform Foam Frac with materials & equipment listed on the Service Receipt. Per clients instructions.

Job Scheduled For: 04/10/2000 6:00
Arrived on Location: 04/10/2000 13:00
Leave Location: 04/10/2000 16:30
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 Psi	Message
24 hr clock	%	bpm	ft3	bpm	ft3/min	bbl	psi	
14:44	0	0	0	0	0	0	0	START ACQUISITION
14:44	0.	0.	0.	0.	0.	0.	54.95	
14:45	0.	0.	0.	0.	0.	0.133	1291	
14:45	0.	0.	0.	0.	0.	0.133	1291	Pressure Test Lines
14:45	0.	0.	0.	0.	0.	0.161	3617	
14:46	0.	0.	0.	0.	0.	0.161	3567	
14:46	0.	0.	0.	0.	0.	0.161	3558	
14:47	0.	0.	0.	0.	0.	0.161	3558	
14:47	0.	0.	0.	0.	0.	0.161	3558	[Total N2 Rate]=F[Total N2 Rate 2]
14:47	0.	0.	0.	0.	0.	0.161	3558	Start N2 tach rates
14:47	100.	13.02	1196	0.	5520	0.161	3558	
14:48	0.	0.	3154	0.	0.	0.161	3562	
14:48	0.	0.	3154	0.	0.	0.161	416.7	
14:48	0.	0.	3154	0.	0.	0.161	416.7	Start Job
14:49	0.	0.	3154	0.	0.	0.161	18.32	
14:49	73.19	30.68	5404	8.23	9520	3.51	73.26	
14:50	79.42	38.84	11595	7.99	13080	7.54	412.1	
14:50	80.37	40.14	18403	7.88	13680	11.5	636.4	RECEIVED
14:51	87.97	63.54	27283	7.65	23700	15.37	796.7	
14:51	77.6	72.03	39197	16.13	23700	21.29	1062	SEP 0 2 2003
14:52	79.96	78.87	51808	15.8	26740	29.3	1397	
14:52	80.14	80.63	65551	16.01	27400	37.32	1703	KCC WICHITA
14:53	80.23	80.07	79239	15.83	27240	45.37	1973	
14:53	80.21	80.21	92949	15.88	27280	53.36	2042	
14:54	79.95	80.48	106652	16.14	27280	61.42	1996	
14:54	79.95	80.48	120359	16.14	27280	69.51	1960	
14:55	80.02	80.52	134089	16.09	27320	77.62	1868	
14:55	79.88	80.78	147817	16.25	27360	85.72	1827	
14:56	79.95	80.83	161580	16.2	27400	93.85	1786	

ORIGINAL

Well			Field			Service Date		Customer		Job Number
Schmidt #1-3			Hugoton					MOBIL DRILLING V39050079		20153036
Time	BH Foam Q	BH Inj Rate	Tot N2	Total Flowrate	Total N2 Rate	Total Volume	Treating Psi	Message		
24 hr clock	%	bpm	ft3	bpm	ft3/min	bbf	psi			
14:56	80.05	80.9	175352	16.14	27460	102.	1763	0		
14:57	80.03	80.57	189095	16.09	27340	110.1	1745	0		
14:57	79.91	80.34	202827	16.14	27220	118.2	1754	0		
14:58	79.97	80.33	216575	16.09	27240	126.4	1735	0		
14:58	79.97	80.33	230315	16.09	27240	134.5	1735	0		
14:59	80.03	80.81	244072	16.14	27420	142.6	1712	0		
14:59	80.03	80.57	257929	16.09	27340	150.8	1722	0		
15:00	80.06	80.66	271741	16.09	27380	158.9	1717	0		
15:00	79.34	80.86	285768	16.71	27200	167.2	1708	0		
15:01	79.89	80.24	299657	16.14	27180	175.5	1703	0		
15:01	79.94	80.43	313445	16.14	27260	183.6	1694	0		
15:02	79.95	80.48	327209	16.14	27280	191.7	1653	0		
15:02	80.42	82.17	341064	16.09	28020	199.9	1676	0		
15:03	80.03	80.81	354923	16.14	27420	208.	1680	0		
15:03	79.78	80.88	368816	16.35	27360	216.2	1676	0		
15:04	80.04	80.62	382742	16.09	27360	224.4	1662	0		
15:04	80.04	80.03	396584	15.97	27160	232.5	1690	0		
15:05	80.02	80.52	410396	16.09	27320	240.7	1667	0		
15:05	80.	80.43	424297	16.09	27280	248.8	1685	0		
15:06	80.	80.43	438444	16.09	27280	257.1	1680	0		
15:06	79.85	80.57	452281	16.23	27280	265.3	1667	0		
15:07	79.97	80.33	466093	16.09	27240	273.4	1685	0		
15:07	79.98	80.38	479856	16.09	27260	281.5	1671	0		
15:08	80.	80.43	493686	16.09	27280	289.6	1658	0		
15:08	80.18	80.6	507481	15.97	27400	297.7	1648	0		
15:09	80.52	82.01	521350	15.97	28000	305.8	1648	0		
15:09	80.17	80.55	535213	15.97	27380	313.9	1658	0		
15:10	79.98	80.38	549036	16.09	27260	322.	1648	0	RECEIVED	
15:11	80.06	80.66	562878	16.09	27380	330.1	1662	0	SEP 02 2003	
15:11	80.76	83.	577019	15.97	28420	338.4	1658	0	KCC WICHITA	
15:12	80.17	80.55	590864	15.97	27380	346.5	1662	0		
15:12	80.43	81.63	604821	15.97	27840	354.6	1653	0		
15:13	80.19	80.64	618731	15.97	27420	362.7	1667	0		
15:13	80.73	82.91	632758	15.97	28380	370.9	1667	0		
15:14	80.18	80.6	646639	15.97	27400	379.	1653	0		
15:14	80.28	80.74	660561	15.92	27480	387.1	1648	0		
15:15	80.15	80.8	674442	16.04	27460	395.2	1644	0		
15:15	80.09	80.81	688491	16.09	27440	403.3	1658	0		
15:16	79.78	80.77	702460	16.33	27320	411.5	1648	0		
15:16	79.9	81.82	716326	16.45	27720	419.6	1658	0		
15:17	99.82	64.6	730203	0.116	27340	426.5	1593	0		
15:17	98.66	65.4	744067	0.875	27360	426.6	1557	0		
15:18	80.72	79.94	757945	15.42	27360	430.8	1635	0		
15:18	91.97	70.16	771964	5.63	27360	432.4	1603	0		
15:19	89.41	73.44	785865	7.78	27840	438.1	1561	0		
15:19	89.69	72.	799756	7.42	27380	439.	1612	0		
15:20	86.25	74.76	813763	10.28	27340	444.2	1566	0		
15:20	86.25	74.76	827583	10.28	27340	449.3	1548	0		
15:21	84.37	76.37	841518	11.94	27320	455.1	1538	0		
15:21	83.01	77.68	855349	13.19	27340	461.3	1584	0		
15:22	83.73	76.89	869269	12.51	27300	467.7	1630	0		
15:22	83.17	77.36	883141	13.02	27280	474.2	1667	0		
15:23	100.	64.48	897005	0.	27340	478.3	1593	0		
15:23	87.05	74.07	910893	9.59	27340	480.4	1635	0		

ORIGINAL

Well		Fluid				Service Date	Customer		Job Number
Schmidt #1-3		Hugoton					MOBIL DRILLING V39050075		20153036
Time	BH Foam Q	BHinj Rate	Tot N2	Total Flowrate	Total N2 Rate	Total Volume	Treating Pst	Message	
24 hr clock	%	bpm	ft3	bpm	ft3/min	bbl	psi		
15:24	85.17	75.65	924693	11.22	27320	486.	1667	0	
15:24	85.17	75.65	938540	11.22	27320	491.7	1676	0	
15:25	85.15	75.56	952366	11.22	27280	497.3	1703	0	
15:25	85.46	79.26	966243	11.53	28720	503.	1690	0	
15:26	85.31	75.58	980065	11.1	27340	508.6	1676	0	
15:26	84.95	75.85	993957	11.41	27320	514.3	1676	0	
15:27	85.32	77.4	1007877	11.36	28000	520.	1662	0	
15:27	85.12	75.7	1021759	11.27	27320	525.7	1658	0	
15:28	85.28	75.73	1035588	11.15	27380	531.4	1639	0	
15:28	85.44	77.02	1049544	11.22	27900	537.1	1648	0	
15:29	85.12	76.03	1063463	11.31	27440	542.8	1648	0	
15:29	85.3	75.87	1077458	11.15	27440	548.5	1644	0	
15:30	100.	66.56	1091391	0.	28220	550.3	1561	0	
15:30	100.	64.58	1105307	0.	27380	550.3	1571	0	
15:31	0.	0.	1110301	0.	0.	550.3	1383	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)	
15	0	0	16.5	550	0	0	0	1107900	
Treating Pressure Summary, psi					Quantity of & placed, lb				
Breakdown	Maximum	Final	Average	ISIP	15 Min. ISIP	Total Injected	Total Ordered/Designed		
0	2104	1570	1650	1460	0	0	0		
N2 Percent	CO2 Percent	Designed Fluid Volume		Displacement	Slurry Volume	Pad Volume	Percent Pad		
80 %	0%	100000 gal		64 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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