

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

MAY 28 2003

Form ACO-1
September 1999

Form Must Be Typed

CONSERVATION DIVISION
WICHITA, KS

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: (713) 431-1701
 Contractor: Name: Key Energy
 License: N. A.
 Wellsite Geologist: N. A.
 Designate Type of Completion: REFRAC
 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: NEU A1 UNIT, WELL #2
 Original Comp. Date: 6-20-97 Original Total Depth: 2917
 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. _____

<u>5-4-01</u>	<u>6-12-97</u>	<u>5-12-01</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 189-22166-0001
 County: Stevens
Approx. C - SW Sec. 35 Twp. 31 S. R. 35 East West
1250 feet from S N (circle one) Line of Section
1320 feet from E W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: NEU A1 UNIT Well #: 2
 Field Name: Hugoton
 Producing Formation: Chase
 Elevation: Ground: 2994 Kelly Bushing: 3004
 Total Depth: 2917 Plug Back Total Depth: 2861
 Amount of Surface Pipe Set and Cemented at 589 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 cm.

Drilling Fluid Management Plan OWWO KGR 2/5/08
 (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.: _____

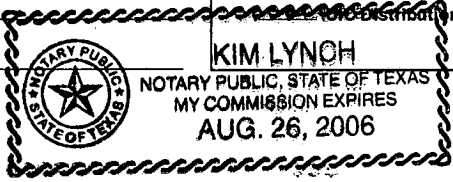
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: 5/21/03
 Subscribed and sworn to before me this 21 day of May
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



Operator Name: Exxon Mobil Oil Corporation * Lease Name: NEU A1 UNIT Well #: 2
 Sec. 35 Twp. 31 S. R. 35 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 (Attach Additional Sheets) 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 (Submit Copy) 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>L. KRIDER</td> <td>2666'</td> <td>2676'</td> </tr> <tr> <td>WINFIELD</td> <td>2707'</td> <td>2717'</td> </tr> <tr> <td>TOWANDA</td> <td>2758'</td> <td>2774'</td> </tr> </table>	Name	Top	Datum	L. KRIDER	2666'	2676'	WINFIELD	2707'	2717'	TOWANDA	2758'	2774'
Name	Top	Datum											
L. KRIDER	2666'	2676'											
WINFIELD	2707'	2717'											
TOWANDA	2758'	2774'											

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#	589	CLASS C	325	50:50 c/poz
PRODUCTION	7.875	5.500	14#	2707	CLASS C	200, 100	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				

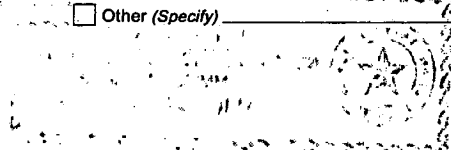
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2 SPF	2666' - 2774'	FRAC'D WELL WITH 950, 000 OF 80Q N2 FOAM @ 80BPM	

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 Other (Specify) _____

Production Interval _____



Customer					Job Number					
MOBIL OIL CORP					20216527					
Well			Location (legal)			Dowell Location			Job Start	
NEU A1 2			Sec 35-31S-35W			Ulysses, KS			5/8/01	
Field		Formation Name/Type			Deviation	BitSize:	Well MD	Well TVD		
HUGOTON		Chase			0 °	0 in	2,861 ft	2,861 ft		
County		State/Province			BHP	BHST	BHCT	Pore Pres Gradient		
Stevens		KS			0 psi	95 °F	95 °F	0 psi/ft		
Rig Name	Drilled For		Service Via		Casing					
	Gas		Land		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class		Well Type		2861	5.5	14			
	New		Development							
Primary Treating Fluid		Polymer Loading		Fluid Density		Tubing				
80Q Foam		30 lb/1000gal		lb/gal		Depth,	Size, in	Weight, lb/ft	Grade	Thread
Service Line	Job Type		0	0	0					
Fracturing	Frac,N2Foam/Energized		0	0	0					
Max. Allowed Tubing Pressure	Max. Allowed Ann. Pressure		WellHead Connection		Perforated Intervals					
3000 psi	0 psi		5 1/2		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval	
Service Instructions	2666	2676	2.2	22	36 ft					
Pumper POD	2707	2717	2.2	22	Diameter					
4 N2	2758	2774	2.125	34	in					
PCM	Treat Down		Displacement		Packer Type		Packer Depth			
Boom	Casing		0 bbl		None		0 ft			
N2 Transport	Job Scheduled For:	Arrived on Location:		Leave Location:		Tubing Vol.	CasingVol.	AnnularVol.	OpenHoleVol	
	5/8/01 12:00	5/8/01		5/8/01		0 bbl	0 bbl	0 bbl	0 bbl	
Time	BH Foam Q	BHinj Rate	Pressure	Stage Inj	Total Flowrate	Total N2 Rate	Total Volume	Message		
24 hr clock	%	bpm	psi	bbl	bpm	ft3/min	bbl			
17:43	0	0	0	0	0	0	0	START ACQUISITION		
17:43	0.	0.	42.74	0.	0.	0.	0.			
17:44	0.	0.	3019	0.126	0.	0.	0.126	0		
17:44	0.	0.	3019	0.126	0.	0.	0.126	0		
17:44	0.	0.	2747	0.126	0.	0.	0.126	0		
17:44	0.	0.	2647	0.126	0.	0.	0.126	0		
17:45	0.	0.	2647	0.126	0.	0.	0.126	0		
17:45	100.	12.69	2647	1.21	0.	5380	0.126	0		
17:46	0.	0.	2653	4.31	0.	0.	0.126	0		
17:46	0.	0.	2656	4.31	0.	0.	0.126	0		
17:47	0.	0.	2659	4.31	0.	0.	0.126	0		
17:47	0.	0.	2662	4.31	0.	0.	0.126	0		
17:48	100.	2.45	51.89	4.36	0.	1040	0.126	0		
17:48	0.	0.	58.	4.66	0.	0.	0.126	0		
17:49	0.	0.	58.	4.66	0.	0.	0.126	0		
17:49	0.	0.	61.05	4.66	0.	0.	0.126	0		
17:50	0.	0.	45.79	4.66	0.	0.	0.126	0		
17:50	0.	0.	-15.26	4.66	0.	0.	0.126	0		
17:51	0.	0.562	-18.32	4.67	0.562	0.	0.135	0		
17:51	0.	0.562	-18.32	4.67	0.562	0.	0.135	0		
17:51	80.82	37.58	64.1	10.22	7.21	12880	2.36	0		
17:52	80.5	40.08	290.	30.13	7.82	13680	6.27	0		
17:52	80.52	40.13	460.9	50.17	7.82	13700	10.18	0		
17:53	80.57	40.22	543.3	70.26	7.82	13740	14.09	0		
17:53	79.42	34.33	573.9	90.12	7.07	11560	17.88	0		
17:54	80.83	78.84	955.4	124.1	15.12	27020	24.1	0		
17:54	79.99	80.2	1334	163.9	16.05	27200	31.94	0		
17:55	79.99	80.2	1566	204.	16.05	27200	39.97	0		
17:55	79.95	80.3	1682	244.2	16.1	27220	48.	0		
17:56	80.	80.25	1737	284.3	16.05	27220	56.04	0		

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Well			Field			Service Date		Customer		Job Number
NEU A1 #2			HUGOTON					MOBIL OIL CORP		20216527
Time	BH Foam Q	BH Inj Rate	Pressure	Stage Inj	Total Flowrate	Total N2 Rate	Total Volume	Message		
24 hr clock	%	bpm	psi	bbf	bpm	ft3/min	bbf			
17:56	79.96	80.34	1783	324.5	16.1	27240	64.08	0		
17:57	79.97	80.39	1813	364.7	16.1	27260	72.12	0		
17:57	79.92	80.16	1832	404.8	16.1	27160	80.16	0		
17:58	79.84	79.64	1841	444.8	16.05	26960	88.2	0		
17:58	79.9	80.11	1801	484.7	16.1	27140	96.25	0		
17:59	79.96	80.34	1731	524.8	16.1	27240	104.3	0		
17:59	80.02	80.58	1685	565.1	16.1	27340	112.4	0		
18:00	80.	80.49	1664	605.3	16.1	27300	120.4	0		
18:00	79.9	80.34	1651	645.5	16.15	27220	128.4	0		
18:01	79.95	80.3	1645	685.8	16.1	27220	136.5	0		
18:01	79.95	80.3	1639	725.9	16.1	27220	144.6	0		
18:02	79.93	80.2	1630	766.1	16.1	27180	152.6	0		
18:02	79.93	80.2	1624	806.2	16.1	27180	160.7	0		
18:03	79.94	80.25	1621	846.3	16.1	27200	168.7	0		
18:03	80.01	80.3	1621	886.4	16.05	27240	176.7	0		
18:04	80.	80.49	1618	926.7	16.1	27300	184.8	0		
18:04	79.99	80.44	1615	966.9	16.1	27280	192.8	0		
18:05	80.	80.49	1615	1007	16.1	27300	200.9	0		
18:05	80.	80.49	1615	1047	16.1	27300	208.9	0		
18:06	80.03	80.39	1615	1088	16.05	27280	217.	0		
18:06	80.01	80.3	1615	1128	16.05	27240	225.	0		
18:07	80.01	80.3	1615	1168	16.05	27240	233.1	0		
18:07	79.95	80.3	1612	1208	16.1	27220	241.1	0		
18:08	79.93	80.2	1609	1248	16.1	27180	249.1	0		
18:08	79.89	80.06	1606	1288	16.1	27120	257.2	0		
18:09	79.87	79.97	1603	1328	16.1	27080	265.2	0		
18:09	79.87	79.97	1603	1368	16.1	27080	273.3	0		
18:10	79.95	80.06	1600	1408	16.05	27140	281.3	0		
18:10	79.9	80.11	1596	1448	16.1	27140	289.4	0		
18:11	79.92	80.16	1596	1488	16.1	27160	297.4	0		
18:11	79.96	80.11	1596	1528	16.05	27160	305.4	0		
18:12	79.96	80.11	1593	1569	16.05	27160	313.5	0		
18:12	79.93	79.97	1590	1609	16.05	27100	321.5	0		
18:13	79.89	80.06	1587	1649	16.1	27120	329.6	0		
18:13	79.9	80.11	1587	1689	16.1	27140	337.6	0		
18:14	79.93	80.2	1581	1729	16.1	27180	345.7	0		
18:14	79.94	80.25	1581	1769	16.1	27200	353.7	0		
18:15	79.94	80.25	1575	1809	16.1	27200	361.8	0		
18:15	79.95	80.06	1572	1849	16.05	27140	369.8	0		
18:16	79.89	80.06	1569	1889	16.1	27120	377.8	0		
18:16	79.88	80.01	1569	1929	16.1	27100	385.9	0		
18:17	79.95	80.06	1569	1969	16.05	27140	393.9	0		
18:17	79.95	80.06	1569	2009	16.05	27140	402.	0		
18:18	79.89	80.06	1566	2049	16.1	27120	410.	0		
18:18	79.9	80.11	1566	2089	16.1	27140	418.1	0		
18:19	79.93	79.97	1566	2129	16.05	27100	426.1	0		
18:19	79.94	80.01	1566	2169	16.05	27120	434.2	0		
18:20	79.87	79.97	1563	2209	16.1	27080	442.2	0		
18:20	79.89	80.06	1563	2249	16.1	27120	450.2	0		
18:21	79.92	80.16	1560	2289	16.1	27160	458.3	0		
18:21	79.95	80.06	1560	2329	16.05	27140	466.3	0		
18:22	79.89	80.06	1557	2370	16.1	27120	474.4	0		
18:22	79.93	79.97	1554	2410	16.05	27100	482.4	0		
18:23	79.88	80.01	1554	2450	16.1	27100	490.5	0		

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Well		Field				Service Date		Customer		Job Number
NEU A1 #2		HUGOTON						MOBIL OIL CORP		20216527
Time	BH Foam Q	BHinj Rate	Pressure	Stage Inj	Total Flowrate	Total N2 Rate	Total Volume	Message		
24 hr clock	%	bpm	psi	bbl	bpm	ft3/min	bbl			
18:23	79.95	80.06	1542	2490	16.05	27140	498.5	0		
18:24	79.86	79.92	1548	2530	16.1	27060	506.6	0		
18:24	79.84	79.87	1505	2570	16.1	27040	514.7	0		
18:25	79.84	79.87	1426	2610	16.1	27040	522.7	0		
18:25	79.89	80.06	1346	2650	16.1	27120	530.8	0		
18:26	79.92	80.16	1322	2690	16.1	27160	538.8	0		
18:26	79.93	80.2	1310	2730	16.1	27180	546.9	0		
18:27	100.	64.2	1267	2765	0.	27220	550.2	0		
18:27	100.	64.2	1322	2798	0.	27220	550.2	0		
18:28	0.	0.	1209	2820	0.	0.	550.2	0		
18:28	0.	0.	1169	2820	0.	0.	550.2	0		
18:29	0.	0.	1169	2820	0.	0.	550.2	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	25000	0	16		550	0	0	0	950000
Treating Pressure Summary, psi					Quantity of & placed, lb				
Breakdown	Maximum	Final	Average	ISIP	16 Min. ISIP	Total Injected	Total Ordered/Designed		
0	1820	1400	1500	1181	0	0	0		
N2 Percent	CO2 Percent	Designed Fluid Volume		Displacement		Slurry Volume		Pad Volume	Percent Pad
80%	0%	100000 gal		66 bbl		0 bbl		0 gal	0 %
Customer or Authorized Representative			Dowell Supervisor			Number of Stages	Fracture Gradient	<input checked="" type="checkbox"/> Job Completed	
Richard Lewis			Jeffrey Dutton			0	0 psi/ft	<input type="checkbox"/> Screen Out	

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