

NMGSAU #503 Well History, Page 1

NMGSAU -- COMPLETION AND PRODUCTION HISTORY FOR WELL 503
FORMERLY CHEVRON # B. V. CULP 'A' (WELL 2801) -- API #3002505641

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ELEV. = 3687 FEET		SECTION 19, T-19-S, R-37-E									
Date MO/YR	Type	Completion Interval				Cumulative		Production			Comments
		Depth (ft)	Depth (ft ss)	Recovery	MBW	BOPD	BWPD	MCFD			
Oct-35	OH	3760	3670	-73	-283	0	0	1,272	0	5,500	Flowed 583 BO in 11 hours with no treatment
	OH	3605	3670	-218	-283			1,512		1,500	Flowed 587 BO in 9 hours after setting formation packer at 3905'
Oct-68	OH	3605	3670	-218	-283	575	3	57	tr	36	Prior to W/O
	OH	3760	3670	-73	-283			58	687	36	Attempted to remove formation packer, stuck @ 3872'
								140	1		<== Flow test after W/O
Aug-72	OH	3760	3670	-73	-283	673	14	80	3	46	Prior to W/O -- would not flow
	OH	3760	3670	-73	-283			80	70	57	Acidized w/800 gal, failed to remove stuck packer, install pumping equipment
								98	70		<== Pump test on 8-21-72
Dec-74	OH	3760	3670	-73	-283	741	104	80	145	26	Acidized w/1000 gal -- no change in reported rates
Mar-77	OH	3760	3670	-73	-283	786	230	18	146	21	Prior to W/O
	OH	3760	3670	-73	-283			41	166	68	Recovered formation packer & cleaned out to TD
								14	168		<== Pump test after W/O
Oct-77	OH	3760	3670	-73	-283	797	269	41	166	68	Prior to W/O -- test 7 BOPD & 147 BWPD
	OH	3760	3603	-73	-216			209	0	337	<== Pump test after PB w/sand & 3150# hydromite
Jun-81	OH	3760	3603	-73	-216	896	286	63	131	68	Prior to W/O -- test 7 BOPD, 493 BWPD on 5-27-91
	OH	3760	3892	-73	-205			197	11	123	<== Pump test after PB w/200# hydromite
Aug-81	OH	3760	3892	-73	-205	899	294	10	560	40	<== Pump test prior to W/O
	OH	3760	3877	-73	-190			126	7	165	<== Pump test after PB from 3897' w/hydromite
Apr-83	OH	3760	3877	-73	-190	939	390	66	267		<== Pump test prior to W/O
	OH	3760	3872	-73	-185			66	12	74	<== Pump test after PB from 3883' w/500# hydromite
Feb-85	OH	3760	3877	-73	-190	986	414	27	285	61	<== Pump test prior to W/O
	OH	3760	3867	-73	-180			66	12		<== Pump test after PB from 3877' w/460# hydromite
Nov-86	OH	3760	3867	-73	-180			20	5	18	Prior to W/O -- rate suddenly changed to 250 BWPD
	OH	3760	3829	-73	-142	1,012	423	0	6		<== Test on 12-10-86 after squeezed casing leak at 1448' @ 2', PB to 3829' w/sand & hydromite, acidized w/500 gal, Sl until 1-87
Jan-87	OH	3760	3853	-73	-166			5	159	28	DO hydromite to 3853' -- test D BOPD & 218 BWPD
Mar-87	OH	3760	3837	-73	-150			6	127	9	PB w/hydromite to 3837' -- test 15 BOPD & 221 BWPD

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Case No. 12432

Submitted by: Exhibit No. 16

Amerada Hess Corporation

Hearing Date: October 5, 2000

SECTION 19, T-19-S, R-37-E

NMGSAU #503 Well History, Page 2

NMGSAU -- C COMPLETION AND PRODUCTION HISTORY FOR WELL 503
FORMERLY CHEVRON #1 B. V. CULP'A (WELL 2801) -- API #3002505641
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ELEV. = 3687 FEET

SECTION 19, T-19-S, R-37-E

Date MO/YR	Type	Completion Interval				Cumulative		Production			Comments			
		Top	Depth (ft)	Base	Top	Depth (ft ss)	Base	MBD	Recovery	M BW		BOPD	BWPD	MCFD
Aug-87	OH	3760	3837	3828	-73	-150	-142	1,013	462		2	33?	1	Prior to W/O -- SI == Test after PB with hydronite == Test after plug gave way
Sep-87	OH	3760	3828	3804	-73	-142	-117	1,013	462		0	0	0	Prior to W/O -- SI Fan liner, CO to 3908', perf 3786'/70', 76' 82', 3796' 8804', acidized w 2100 gal == Test on 9-29-87
Jan-82	Perf	3766	3804		-79	-117		1,103	520		37	50	23	Calculated BHP 415 psi @ -250' on 1-4-92
Apr-83	Perf	3766	3804		-79	-117		1,118	534		28	29	21	Prior to W/O & replacement of wellhead CO #113877/2800' (P BTD), perf liner 3856' 84', acidized w 800 gal 15 % == Test on 4-30-93
Jun-95	Perf	3766	3864		-79	-177		1,149	582		23	45	20	Prior to W/O Perf 3812' 44" w/2 SRF, acidized w/5000 gal 15 % NEF using sonic hammer, BHP 744 psi at 3805' (-118') after 16-hr SI, FL at 1656' on 7-20-95 == Test on 6-14-95
Aug-98	Perf	3766	3864		-79	-177		1,193	735		24	150	17	FL 3794' on 8-11-98
Jun-00	Perf	3766	3864		-79	-177		1,206	826		19	122	31	Current data -- FL 3864' on 6-20-00

Top Grayburg Zone 1 @ 3826 61 (ft ss)
Top Grayburg Zone 5 @ 3762 -76 (ft ss)
Top Grayburg Zone 7 @ 3806 -119 (ft ss)
Top Grayburg Zone 9 @ 3859 -172 (ft ss)
Top San Andres @ (ft ss)

13 " OD casing from surface to 241'
9 5/8" OD casing from surface to 2512'
7 " OD casing from surface to 3760'
4 1/2" OD liner from 3530' to 3864'