Distr <sup>4</sup> Lt I - (505) 393-6161 1625 N. French Dr Hobbs, NM 88241-1980 District II - (505) 748-1283 811 S. First Artesia, NM 88210 District III - (505) 334-6178 1000 Rio Brazos Road Aztee, NM 87410 District IV - (505) 827-7131	Eı	nergy Minera O	New Me Is and Natura il Conservatio 2040 South Pac Santa Fe, New M (505) 827-	al Re on D heco S exico	sources ivision	Depa	artment		Form C-140 Revised 06/99 SUBMIT ORIGINAL PLUS 2 COPIES TO APPROPRIATE DISTRICT OFFICE
		w	APPLICATIO ELL WORKOVE		OJECT	52			
I. Operator and W Operator name & address	ell	······································		00	7	122			
Conoco Inc. 10 Desta Drive Midland, Texas		te 100W 05-4500					OGRID Ni 005(	•	•
Contact Party Kristy Ward							Phone	586-54	170
Property Name		<u> </u>			Well Num	ber	API Numb	ег	
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3/28/00 Date Workover Completed: 4/07/00	Dr	inkard							
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6444.0 -	- 6560.0	Tubb	2 S S M	000 gal linear pectra-G-3500 LC. lax sand conc	pre-pad. 40,000 g 0. 133,120# 16/30 c. 10#/gal. AIP-289	al TLC & 40,1	720#	Fra	cture		4/4/	2000	Spec	tra-G
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Grd	litem	t unia y	Con	nnents			Th		Jnts	ంది. Le		Тор		Wt
	(in)					(in)		-	•	(fi		(ftKB		
J-55		in Tubing				1.9961	8rc	I	201	63	57.0		.0	4.7
		in On- Off 1.875 "F"				1.8750			1		2.0	6365	.0	0.0
	Nipple	in Packer				2.4400					5.0	6367	n	0.0
		X2.875"				2.4400			•		0.0	0007		0.0
Comple	HODER	ES 1 Provide Provide State	· · · · · · · · · · · · · · · · · · ·											
Reason							94 J.			- 	<b>6</b> .			
Reason 1 Norkove nitial Completio	for    er	Reason for Failure Initial Completion		Date 11/27/1997	Summary Initial Completion 3/8" Workstring -	- Picked u	p and	RIH	w/4 3/4" B	it, 6-3	5 1/8"	Drill Ca	ollars o	on 2

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Workover   Convert To Rod   Pump   F	Pumping Well	Date 5/27/1998	Summary Convert To Rod Pump - MIRU - Removed well head and installed BOP - Dropped down and tagged fill @ 6,907' - Rigged up Hot Oiler - Hot watered tubing - Rigged down Hot Oiler - POOH - P cked up and RIH w/Bailer and cleaned out to 6,948' - POOH - Picked up and RIH w/2 3/8" Notched Collar, and 2 3/8" Seating Nipple on 2 3/8" tubing - (Seating Nipple @ 6,911' - Tubing Anchor @ 6,676') - Removed BOP and installed well head - Picked up and RIH w/2" x 1 1/2" x 16' RHBC pump, 4-1 1/2" K-Bars, 183-3/4" Norris 90 rods, and
Convert To Rod C Pump F Recomplete to F Monument	Convert to Pumping Well	5/27/1998	Dropped down and tagged fill @ 6,907' - Rigged up Hot Oiler - Hot watered tubing - Rigged down Hot Oiler - POOH - P cked up and RIH w/Bailer and cleaned out to 6,948' - POOH - Picked up and RIH w/2 3/8" Notched Collar, and 2 3/8" Seating Nipple on 2 3/8" tubing - (Seating Nipple @ 6,911' - Tubing Anchor @ 6,676') - Removed BOP and installed well head - Picked up and RIH w/2" x 1 1/2" x 16' RHBC pump, 4-1 1/2" K-Bars, 183-3/4" Norris 90 rods, and
Monument	Do completion		88-7/8" Norris 90 rods - Spaced out pump and hung on - Checked pump action
	Re-completion	3/28/2000	Recomplete to Monument Tubb Pool – MIR'J Pulling Unit, Unseat Pump, Hot oil down tubing using 50 bbls of oil, POOH laying down rods, NU BOP and test to 1000/H, OK. SI.RU Tuboscope, Scan tubing out of hole, 97 Yellow, 13 Blue, and 8 Green. Wear was due to pitting. Laic down green band tubing. PU RIH w/ 5.5 - 15.5# scarper to 6750', POOH w/ scraper, PU RIH w/ 5.5 - 15.5# RBP and set @ 6747', SI Install 5000# Frac valve on casing, Circulate hole w/8.6 brine, test csg to 4300#, held ok, POOH w/ 2.375" tubing. RU Baker Atlas w/full lubrication and perf tubb zone w/ 4" HSC casing gun, 19 gm Titan charge loaded w/ 2 JSPF @ 120 degrees phasing, from 6546-60, 6516-28, 6480-94,6444-60, 116 total shots, all shots fired. Fluid Level was 500' F/S before perforating well and 500' F/S after perforating well. RD Baker Atlas, SI PU RIH w/8000 - 10000 Psi differential treating packer on 2.375" tubing, Hydrotesting tubing to 6000#, set packer @ 6397', backside standing full of 8.6 brine, tested backside to 2000#, held ok, RU BJ, install 2.875" frac valve on 2.375" j-55 tubing, RU ball launcher, tes: treating lines to 6000#, set N2 pop-off to 4800#. Pumped 2000 gallons of 15% NEFE W/ additives, dropping 180 - 7/8", 1.3 S.G balls. ISIP 2150#, 5 min. 1960#, 10 min. 1795#, 15 min. 1620#. Avg. treating pressure 2860#, Max. Psi 3600#, rate 3.5 BPM. Ran Leak-off test, Pump 75 bb swtr @ 4.6 I3PM, Max Psi 3795, ISIP 2140#, 30 min. 1425#. 182 Bbls load to recover. RU dual choke manifold to flow well, well had 750# on tubing, released pressure. well died. SI R.M. SITP-1700 psi. Bled well down, all gas. Released Pkr. Ran through perforations. POOH. ND BOP. Prep to frac. SION. Ran base GR/Temp. Performed 100 BBL slick water pump-in test 33BPM @ 2800 psi. ISIP-2260psi. Fractured Tubb v/ 2000 gal linear pre-pad & 40,000 gal Spectra-G-3500 & 133,102# 16/30 Tempered LC & 40,720# Super LC @ 30-36 BPM tagged w/ iridium. AIP-2890, MIP-3360. Maximum proppant concentration 10#/gal. ISIP-2890, 5msi-2875, 10msi-2860, 15msi-2850. Ran post-treatment GR/Te
Convert to C Flowing Well	Other	5/1/2000	Convert to Flowing Well - MIRU Open well up, 1800# on Casing. Kill well w120 bbls 10# brine wtr. Laid down rods. IPOOH Talling 2 .375" tubing. PU started in hole w/ 5 1/2" 15.5# Production packer w/ 80-70-80 elements, On-Off tool w/ "F" 1.81 profile and 2.375" tubing. Ran 201 Total Jts. Set packer @ 6374'. Pumped 120 bbls Packer fluid. Test backside to 1000#. OK. Remove the BOP and install the X-mas tree. PU RIH W/ swabb. Tagged paraffin @ 1400' From surface. RU Hot oiler, Pumped oil down tubing to free plug, pressure up tubing to 1000# could not move plug. RD Hot Oiler, RU BOP, Released on- off tool, POOH W 23 stands of tubing. found 4 joints of tubing plugged with hard paraffin, caught sample for chemical company. Ran back tubing. latched onto Packer. Remove BOP, Install x-mas tree, test casing to 1000#, OK. RU swabb line. SI Open well up, 100# on tubing, started swabbing on well, swabb well from 7 AM to 2PM, swabb back approx. 60 bbls water. Well started flowing, hooked up test facility. RDMO rig.SI Total of 340 Bbls 10# brine pump in well.
Run Production L Log	_ogging	5/4/2000	Run Production Log - Ran Production Log across pers. 6444 - 6460, 6480 - 6494, 6516 - 6528, 6546 - 6560. Well was shut-in for 26 hrs prior to survey. Results indicated majority of production from perforated interval 6480 - 6494.

### 8/16/2000



# Hobbs/Val Verde MOC Closure Form

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MOC Description: SEMU B

SEMU Burger 126 Tubb Recompletion

		Initials
AFE Number	8781	
Estimated Cost	\$110,000	
Actual Cost	\$157,567.00	BS/DR
Completed Date	04/07/00 BS	BS
Pre-Job Production		
Oii (BOPD)	0	
Gas (MCFPD)	35	
H2O (BWPD)	0	
Post-job Production		
OII (BOPD)	61	
Gas (MCFPD)	2269	
H2O (BWPD)	22	
Material Transfers		
Date MTs Processed	04/12/00 BS	BS
MTs Verified	04/01/00 JR	R
AFE Closure Date		
AFE In-Operation Date	03/28/00 BS	BS

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		Initiats
Well Status Changes	Yes	LM
Any Near Misses Reported		
Post Job Regulatory Filings:		
Completion/Testing Paperworl 5/1/2000 TSS	5/1/2000	TSS
Post Job Sundries	5/1/2000 TSS	TSS
P&A Form		
Injection Survey		
Other		
Location has been cleaned	Yes	au

Changes from original design/procedure that were required and/or continuous improvement opportunities:

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Additional costs were incurred due to well being a flowing gas well rather than oil well as expected. Requiring on-site facility construction and unanticipiated wellhead equipment as well as BHP build up work to further evaluate the reservior.

Recommended Distribution: Production Foreman - 4<sup>-3</sup> Field Production Supervisor- bP Production Engineer - 7<sup>-5</sup> Facility Engineer - 3<sup>-6</sup> Project Leader - 3<sup>-5</sup>, bR SHEAR Specialist - 4<sup>-6</sup> Affected Operator(s) 2<sup>-</sup>M Finandal Assistant - 3<sup>-</sup>

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### LEA NM SEMU BURGER B 126 CONOCO INCORPORATED ACTIVE

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# **Production Report**

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Lease Name:		SEMU BURGEI	R B	Well Nu	mber:	126			
Lease Number:		3078		Cum Oil:		2,708			
Operator Name:		CONOCO INCORPO	ORATED	Cum Gas:	Cum Gas:		83,363		
State:		NEW MEXICO			Cum Water:		11,734		
County:		LEA		First Produ	ction Date:	DEC 1997			
Field:		SKAGGS		Last Produc		APR 2000 NE SW SW			
Sec Twn Rng:		19 20S 38E		Spot:					
Latitude/Longitude: Regulatory #: API: Production ID: Reservoir Name: Prod Zone:			03.19229	Lat/Long S	ource:	TS DEC 24, 1997 6766 6892			
		3078		Completion					
		30025341270000		Total Depth					
		13002102534127570	00	Upper Perfe					
		DRINKARD		Lower Perf					
		DRINKARD		Gas Gravity	/:				
Prod Zone Code:		452DRKD		Oil Gravity					
Basin Name:		PERMIAN BASIN		Temp Grad					
Gas Gatherer:				N Factor:		0.0			
Liquid Gatherer:				GOR:					
Status:		ACTIVE	CRU	JDE OIL					
	=====		ه هی هی میه مین بین انتقار اید به است است است است است						
Annual Producti Year	ion Oil	Gas	Water						
	BBLS	MCF	BBLS						
				*****					
Beginning									
Cum:	107	4 1 1 4	701						
1997	467	4,114	701						
1998	1,380	54,745	6,740						
1999	740	21,061	3,204						
2000 Totals:	121	3,443	1,089						
	2,708	83,363							
			11,734						
			11,734						
			11,734 ======						
Monthly Product		=======							
Date	Oil	<b>Gas</b>	<b>Water</b>	GOR	<b>~~~~~~~~~</b> % Water	# of Wells	Days		
•		=======		GOR SCF/BBLS		# of Wells	Days on		
Date MO/YR EC 1997	Oil	<b>Gas</b>	<b>Water</b>		% Water 60.02		-		
Date MO/YR EC 1997 Totals:	Oil BBLS 467	Gas MCF 4,114	Water BBLS 701	SCF/BBLS		Wells	on		
Date MO/YR EC 1997	Oil BBLS	Gas MCF	Water BBLS	SCF/BBLS		Wells	on		
Date MO/YR EC 1997 Totals: 1997	Oil BBLS 467	Gas MCF 4,114 4,114 12,311	Water BBLS 701	SCF/BBLS 8810 28432		Wells	on 31 31		
Date MO/YR EC 1997 Totals: 1997	Oil BBLS 467 467	Gas MCF 4,114 	Water BBLS 701 701	SCF/BBLS 8810	60.02	Wells 1	on 31		
Date MO/YR EC 1997 Totals: 1997 AN 1998 EB 1998	Oil BBLS 467 467 433	Gas MCF 4,114 4,114 12,311	Water BBLS 701 701 650	SCF/BBLS 8810 28432	60.02 60.02	Wells 1 1	on 31 31		
Date MO/YR EC 1997 Totals:	Oil BBLS 467 467 433 326	Gas MCF 4,114 4,114 12,311 8,177	Water BBLS 701 701 650 489	SCF/BBLS 8810 28432 25083	60.02 60.02 60.00	Wells 1 1 1	on 31 31 28		

JUN 1998	50	2 675	375	73501	<sup>2</sup> .24	1	29
JUL 1998	54	. 52	1,188	65963	- 3.65	1	31
AUG 1998	55	3,749	1,210	68164	95.65	1	31
SEP 1998	91	3,120	273	34286	75.00	1	30
OCT 1998	87	2,892	261	33242	75.00	1	31
NOV 1998	92	2,111	276	22946	75.00	1	30
DEC 1998	90	2,519	270	27989	75.00	1	31
Totals:	· = · · ·						
1998	1,380	54,745	6,740				
JAN 1999	62	2,372	279	38259	81.82	1	31
FEB 1999	84	2,417	252	28774	75.00	1	28
MAR 1999	62	2,318	279	37388	81.82	1	31
APR 1999	60	2,991	270	49851	81.82	1	30
MAY 1999	62	1,823	279	29404	81.82	1	31
JUN 1999	60	1,415	270	23584	81.82	1	30
JUL 1999	62	1,498	279	24162	81.82	1	31
AUG 1999	56	1,121	252	20018	81.82	1	28
SEP 1999	54	1,128	243	20889	81.82	1	27
OCT 1999	56	1,329	252	23733	81.82	1	28
NOV 1999	60	1,340	270	22334	81.82	1	30
DEC 1999	62	1,309	279	21113	81.82	1	31
Totals:							
1999	740	21,061	3,204				
JAN 2000	31	1,147	279	37001	90.00	1	31
FEB 2000	29	1,141	261	39345	90.00	1	29
MAR 2000	31	1,155	279	37259	90.00	1	31
APR 2000	30	1,155	270	51257	90.00	1	30
Totals:			210		20.00		50
2000	121	3,443	1,089				
		بی زندان نظام الکار الکار الکا کام کام الکار این کام چرچن بانیک المان الات کام کام ا		میں ہیں بندن قان کی ملک کی ملک کی اور ایک ملک دیک ورک میں ایک ایک ک			ن درجم بخدی میں میں میں میں میں ہے - ایک سرب میں نیریز بخدی نخط ک
Monthly Inje							
Date	Liquid	Gas		GOR		# of	Days
MO/YR	BBLS	MCF		SCF/BBLS		Wells	on
DEC 1997							0
Totals:							
TANK 1000							
JAN 1998							0
FEB 1998							0
MAR 1998							0
APR 1998							0
MAY 1998							0
JUN 1998							0
JUL 1998							0
AUG 1998							0
SEP 1998							0
OCT 1998							0
NOV 1998							0
DEC 1998							0
Totals:							
JAN 1999							0

MAR 1999 APR 1999 MAY 1999 JUN 1999 JUL 1999 AUG 1999 SEP 1999 OCT 1999 NOV 1999 DEC 1999 Totals:	 0 0 0 0 0 0 0 0 0 0
JAN 2000 FEB 2000 MAR 2000 APR 2000 Totals:	0 0 0 0

## LEA NM SEMU BURGER B 126 CONOCO INCORPORATED ACTIVE

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# **Production Report**

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Lease Name:		SEMU BURGE	R B	Well Nur	nber:	126	
Lease Number:				Cum Oil:		3,627	
Operator Name:		CONOCO INCORP	ORATED	Cum Gas:		274,742	
State:		NEW MEXICO		Cum Water		2,982	
County:		LEA		First Produc		MAY	
Field:		WARREN		Last Produc	ction Date:	OCT	
Sec Twn Rng:		19 20S 38E		Spot:		NE SW	' SW
Latitude/Longitue	de:	32.55478 -1	03.19229	Lat/Long Se		TS	
Regulatory #:				Completion		APR 00	5, 2000
API:		30025341270000		Total Depth			
Production ID:		13002102534127870	)80	Upper Perfe		6444	
Reservoir Name:		TUBB		Lower Perfe		6560	
Prod Zone:		TUBB		Gas Gravity			
Prod Zone Code:		452TUBB		Oil Gravity	:		
Basin Name:		PERMIAN BASIN		Temp Grad	ient:		
Gas Gatherer:				N Factor:		0.0	
Liquid Gatherer:				GOR:			
Status:		ACTIVE	CRU	JDE OIL			
	BBLS	MCF	BBLS				
eginning	BBLS	MCF	BBLS				
Cum:							
Cum: 2000	3,627	мсғ 274,742	2,982				
Cum:	3,627	274,742	2,982				
Cum: 2000							
Cum: 2000	3,627	274,742	2,982				
Cum: 2000 Totals:	3,627 3,627	274,742 	2,982 2,982				
Cum: 2000 Totals: Monthly Produce Date	3,627 3,627 	274,742 	2,982 2,982   Water	GOR		# of	Days
Cum: 2000 Totals:	3,627 3,627	274,742 	2,982 2,982	GOR SCF/BBLS	% Water	# of Wells	Days on
Cum: 2000 Totals: Monthly Produce Date	3,627 3,627 	274,742 	2,982 2,982   Water		% Water 44.46		
Cum: 2000 Totals: Monthly Produce Date MO/YR	3,627 3,627 .tion Oil BBLS	274,742 274,742 Gas MCF	2,982 2,982  Water BBLS	SCF/BBLS		Wells	on
Cum: 2000 Totals: Monthly Produce Date MO/YR	3,627 3,627 tion Oil BBLS 426	274,742 	2,982 2,982  Water BBLS 341	SCF/BBLS 102512	44.46	Wells 1	on 31
Cum: 2000 Totals: Monthly Produc Date MO/YR AY 2000 JN 2000	3,627 3,627 	274,742  Gas MCF 43,670 30,096 52,550	2,982 2,982 2,982 Water BBLS 341 255	SCF/BBLS 102512 94345	44.46 44.43	Wells 1 1	on 31 23
Cum: 2000 Totals: Monthly Produc Date MO/YR AY 2000 JN 2000 JL 2000 UG 2000	3,627 3,627 tion Oil BBLS 426 319 2,271 308	274,742 274,742 Gas MCF 43,670 30,096 52,550 53,888	2,982 2,982 2,982 Water BBLS 341 255 1,817	SCF/BBLS 102512 94345 23140	44.46 44.43 44.45	Wells 1 1 1	on 31 23 24
Cum: 2000 Totals: Monthly Produc Date MO/YR AY 2000 JN 2000 JL 2000 UG 2000 EP 2000	3,627 3,627       	274,742 274,742 Gas MCF 43,670 30,096 52,550 53,888 47,673	2,982 2,982 2,982 Water BBLS 341 255 1,817 256 251	SCF/BBLS 102512 94345 23140 174962	44.46 44.43 44.45 45.39	Wells 1 1 1 1	on 31 23 24 31
Cum: 2000 Totals: Monthly Produc Date MO/YR AY 2000 JN 2000 JL 2000 UG 2000	3,627 3,627 tion Oil BBLS 426 319 2,271 308 303	274,742 274,742 Gas MCF 43,670 30,096 52,550 53,888	2,982 2,982 Water BBLS 341 255 1,817 256	SCF/BBLS 102512 94345 23140 174962	44.46 44.43 44.45 45.39	Wells 1 1 1 1 1 1	on 31 23 24 31 30

النان الله حالة والله إن الجمع على على الله عن المار العن الي الي حي وي الي وي عن الي الي الي الي الي الي الي الله الما حالة بالله إنها الي الي الله على على الله على الله العام بي الي حي الي الي الي على على الله الي الي ال

<sup>-</sup> Monthly Injec Date	tion Liquid	Jas	GOR	<b>#</b> of	Days
MO/YR	BBLS	MCF	SCF/BBLS	Wells	on
MAY 2000					0
JUN 2000					0
JUL 2000					0
AUG 2000					0
SEP 2000					0
OCT 2000					0
Totals: _		····			