(Ju e 1990) DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Hobbs, NM 88240 Expires: March SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals	nd Seriai No. 57686
SUBMIT IN TRIPLICA TE 7. If Unit or CA, Agree	ement Designation
1. Type of Well Oil Gas 8. Well Name and No. 2. Name of Operator SEMU Perm Octoon 100 Perm Octoon 100 Perm	nian # 129
3. Address and Telephone No. 30-025-3 10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424 Euriodic" Pares Set	
4. Location of Well (Footage. Sec., T. R. M. or Survey Description) (Pro Gas) Section 13, T-20-S, R-37-E, P 11. County or Parish, Sta 1310' FSL & 1170' FEL 11. County or Parish, Sta) 76480
Lea Co. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER D	
TYPE OF SUBMISSION TYPE OF ACTION	-, · · · · · · · · · · · · · · · · · · ·
Notice of Intent Abandonment Change of Plans Subsequent Repon Plugging Back Non-Routine Fract Final Abandonment Notice Altering Casing Conversion to Inje Other Extension of Time Dispose Water	crunng

Completion or Recompletion Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state ail pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled. give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Conoco, Inc requests that the current APD that will expire 2/25/2000 be extended for another 12 month period ending 2/25/2001. Conoco proposes to make changes in casing as a result of plans to complete the Eumont gas sands. The well will be drilled to the Penrose Grayburg horizon as reflected in the revised well plan outline and cementing procedure. The well is scheduled to be drilled in July, 2000.

This location is standard and a non-standard proration order has been requested. See revised attached C-102.

Ensing 2/25/2001 14. I hereby ATTect that the true and e Kay Maddox January 11. 2000 Title -Regulatory Agent Date Signed (This space fo ederai or State office use) Mada and an a state Approved by Date Title BLM(6), NMOCD(1), SHEAR, PONCA, COST ASST, FILE ROOM Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its junsdiction.

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District I PO Box 1980, Hobbs. NM 88241-1980

District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd. Aztec, NM 87410 District IV PO Box 2088, Santa Fe. NM 87504-2088

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Revised February 21, 1994 instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

____ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 2				2 Pool C	Pool Code 3 Pool Name						
30-	025-3431								<i>,</i>		
4 Property (Code	S riberty Name							6 We	ll Number	
		SEMU Skaggs B								# 129	
7 OGRID No.					8 Op	perat	or Name			9 EI	evation
005073 Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500									3549'		
					10 Surf	face	Location	· · · · · · · · · · · · · · · · · · ·			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from t	ihe	North/South line	Feet from the	East/We	est line	County
Р	13	205	37E		1310'		South	1170'	Ea	ast	Lea
			11 Bot	ttom Hol	e Locati	on I	f Different Fro	om Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from t	he	North/South line	Feet from the	East/We	st line	County
12 Dedicated Acres	13 Join	t or infil 14 (Consolidatio	n Code 15	Order No.					<u>.</u>	.L
200											
NO ALLOV	WABLE V	WILL BE A	SSIGNE	D TO TH	S COMPL	ETIC	ON UNTIL ALL.	NTERESTS H	AVE BE	EN CON	SOLIDATED
							EN APPROVED				
16				1				17 OPE	RATOR	CERT	IFICATION
											contained herein is
											nowledge and belief
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				Ŧ		Ŧ			Janua	ry 10, 20	000
				Ŧ		Ē		Date			
				1		T		18 SUR	VEYO	R CERT	<i>IFICATION</i>
				1				I hereby cert	ify that the	well locatio	on shown on this plat
				3							l surveys made by me
				3				correct to th	-		he same is true and
				3							
				1			#12A	Date of Surv	ey		
						-+		Signature an	d Seal of P	rofessional	Surveyor:
				3							
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				ŧ			1	Certificate N	lumber		
		·			*******		**************	****			

Form C-102



PROF ED WELL PLAN OUTLINE

WELL NA LOCATIO		SEMU Skaggs B #129 1,310' FSL & 1,170' FEL Sec 13	8, T20S, R37E				Ground Level : Kelly Bushing:	3,549' 3,560'	
Depth MD 0	FORMATION TOPS	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING PROGRAM	FRAC GRAD	FORM. PRES. GRAD.	Mud Weight & Type	Days
		Possible Hole Enlargement & Sloughing		12-1/4"			Less than 8.3	8.4 - 9.5 Fresh	
1000	<u>Rustler +/-1,215'</u> Top Salt	Washouts in Salt Section		7-7/8"	8-5/8", 23#, M-50 ST&C @ 1,250 Circulate Cement			10	3
2000							Less than 8.4	Brine	
	Base Salt @ 2.500' Yates 2,659'		H2S Monitor on at 2,500' Mud Loggers 2,600' to TD						
3000	7 Rivers 2,911'	High volume of gas influx							
	Queen 3,483' Penrose 3,615' Grayburg 3,768' San Andres 4,029'		First Log Run: GR-CAL-DLL-MLL FDC-CNL-PE : TD to 2600'						
4000	TD @ 4,300'	Lost Returns in San Andres	Pull GR-CNL-Cal to Surf Second Log Run: 30 rotary sidewall cores		5-1/2", 15.5#, J-55 LT&C @ 4,300' Circulate Cement			10 ppg Starch Gel	7 9
5000									╂───

Note: The SEMU 125 & 126 offset had high volume of gas from the 7 Rivers. Will need to have rotating head on before entering the 7 rivers. We will need a double ram and an Annular for Bop equipment with the rotating head.

DATE

21-Dec-99

Alfred Gomez, Geologist

APPROVED

Yong H. Cho Yong Cho, Drilling Engineer

Joe Miller, Reservoir Engineer





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ROBWELL, NM



ES FEB 2009 Ricconvod House Cost



Conoco SEMU Skaggs #129

Sec. 13-T20S-R37E Lea County, New Mexico December 9, 1999

Well Recommendation

Prepared for: Yong Cho Drilling Engineer

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Prepared by:Rocky ChambersRegion EngineerBus Phone:915/683-2781Mobile:915/557-1239Pager:915/498-1605



PowerVision*

Service Point: Hobbs Bus Phone: (505) 392-5556 Fax: (505) 392-7307

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Service Representatives:

Wayne Davis Account Manager Bus Phone: (915) 683-2781

Cowad Cowad Cowad WH 2 10

RUBINELL NEW

Operator Name:ConocoWell Name:SEMU Skaggs #129Job Description:8-5/8" SurfaceDate:December 9, 1999



JOB AT A GLANCE

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Depth (TVD)	1,250 ft
Depth (MD)	1,250 ft
Hole Size	12.25 in
Casing Size/Weight :	8 5/8 in, 24 lbs/ft
Pump Via	Casing 8 5/8" O.D. (8.097" .I.D) 24 #
Total Mix Water Required	5,472 gals
Spacer Mud Clean I Density	1,500 gals 8.4 ppg
Lead Slurry LEAD SLURRY Density Yield	440 sacks 12.7 ppg 1.88 cf/sack
Tail Slurry TAIL SLURRY Density Yield	164 sacks 14.8 ppg 1.34 cf/sack
Displacement FRESH WATER	77 bbls

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Roswell, Nig

WELL DATA

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ANNULAR GEOMETRY

ANNULAR I.D.	DEPTH(ft)			
(in)	MEASURED	TRUE VERTICAL		
12.250 HOLE	1,250	1,250		

SUSPENDED PIPES

DIAMETE	ER (in)	WEIGHT	DEPTH(ft)		
O.D.	I.D.	(lbs/ft)	MEASURED	TRUE VERTICAL	
8.625	8.097	24	1,250	1,250	

Float Collar set @	1,210 ft
Mud Density	9.00 ppg
Est. Static Temp.	85 ° F
Est. Circ. Temp.	82 ° F

VOLUME CALCULATIONS

1,000 ft	x	0.4127 cf/ft	with	100 % excess	=	825.5 cf
250 ft	x	0.4127 cf/ft	with	100 % excess	=	206.4 cf
40 ft	x	0.3576 cf/ft	with	0 % excess	=	14.3 cf (inside pipe)
			TOTAL	SLURRY VOLUME	=	1046.1 cf
					=	186 bbls

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FLUID SPECIFICATIONS

Spacer				1	,500.0 gals Mud Clean I @ 8.4 ppg
FLUID	VOLUME CU-FT	•	VOLUME FACTOR	1	AMOUNT AND TYPE OF CEMENT
Lead Slurry	825	1	1.88	C II	440 sacks (35:65) Poz (Fly Ash):Class C Cement + 2% bwoc Calcium Chloride + 0.25 bs/sack Cello Flake + 0.005 gps FP-6L + 6% bwoc Bentonite + 96.5% Fresh Water
Tail Slurry	221	1	1.34	C	164 sacks Class C Cement + 2% bwoc Calcium Chloride + 0.005 gps FP-6L + 56.3% Fresh Water
Displacement				7	7.1 bbls FRESH WATER + 56.3% Fresh Water
CEMENT PROPERTIE	ES				
				URR	
			1	NO. 1	NO. 2
Slurry Weight (ppg)				12.70	14.80
Slurry Yield (cf/sack)				1.88	1.34
Amount of Mix Water (g	ps)			10.07	6.35
Amount of Mix Fluid (gp	s)			10.07	6.35

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PRICE ESTIMATE

Product Material

QTY UNIT	PRODUCT DESC	RIPTION UNIT PRICE	GROSS AMOUNT	DISC (%)	NET AMOUNT
450 sacks	Class C Cement	10.6	4,770.0	0 48.0	2,480.40
1074 lbs	Calcium Chloride	0.4	9 526.2	6 48.0	273.66
2297 lbs	Bentonite	0.2	2: 505.3	4 48.0	262.78
110 lbs	Cello Flake	2.3	0 253.0	0 48.0	131.56
154 sacks	Poz (Fly Ash)	5.4	5 839.3	0 48.0	436.44
1500 gals	Mud Clean I	0.7	5 1,125.0	0 48.0	585.00
4 gals	FP-6L	45.0	0 180.0	0 48.0	93.60
	Pro	Product Material Subtotal:		0	\$4,263.44

Service Charges

QTY UNIT	PRODUCT DESCRIPTION	UNIT PRICE	GROSS AMOUNT	DISC (%)	NET AMOUNT
672 cu ft	Bulk Materials Service Charge	1.60	1,075.20	48.0	559.10
	Service Charge	es Subtotal:	\$1,075.20		\$559.10

Equipment

QTY UNIT	PRODUCT DESCRIPTION	UNIT PRICE	GROSS AMOUNT	DISC (%)	NET AMOUNT
1 6hrs	Cement Pump Casing, 1001 - 1500 ft	1,360.00	1,360.00	48.0	707.20
1 job	Data Acquisition, Cement, Standard	670.00	670.00	48.0	348.40
40 miles	Mileage, Heavy Vehicle	3.60	144.00	48.0	74.88
40 miles	Mileage, Auto, Pick-Up or Treating Van	2.15	86.00	48.0	44.72
ĺ	Equipment S	ubtotal:	\$2,260.00		\$1,175.20

Unless specified, the prices are based on 6 hours on location.

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BLM Rogwell, NM

PRICE ESTIMATE

Freight/Delivery Charges

		TOTAL:	\$12,220.50		\$6,354.67
	Freight/Delivery Charges	Subtotal:	\$686.40		\$356.93
572:ton-mi	Bulk Delivery, Dry Products	1.20	686.40	48.0	356.93
QTY UNIT	PRODUCT DESCRIPTION	UNIT PRICE	GROSS AMOUNT	DISC (%)	NET AMOUNT

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JOB AT A GLANCE

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Depth (TVD)		4,300 ft
Depth (MD)		4,300 ft
Hole Size		7.875 in
Casing Size/Weight :		5 1/2 in, 15.5 lbs/ft
Pump Via	Casing 5 1/	/2" O.D. (4.950" .I.D) 15.5 #
Total Mix Water Required		6,092 gals
Stage No: 1 Spacer	Float Collar set @	4,260 ft
Mud Clean I Density		500 gais 8.4 ppg
Cement Slurry CEMENT SLURRY Density Yield		108 sacks 14.8 ppg 1.38 cf/sack
Displacement FRESH WATER		101 bbls
Stage No: 2 Spacer	Stage Collar set @	3,750 ft
Mud Clean I Density		1,000 gals 8.4 ppg
Lead Slurry LEAD SLURRY Density Yield		238 sacks 12.0 ppg 2.69 cf/sack
Tail Slurry TAIL SLURRY Density Yield	-	253 sacks 14.8 ppg 1.38 cf/sack
Displacement DISPLACEMENT Density		89 bbis 8.4 ppg

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ROBWELL, MA

WELL DATA

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ANNULAR GEOMETRY

ANNULAR I.D.	DEPTH(ft)				
(in)	MEASURED	TRUE VERTICAL			
8.097 CASING	1,250	1,250			
7.875 HOLE	4,300	4,300			

SUSPENDED PIPES

DIAMETI	DIAMETER (in)		DEPTH(ft)		
O.D.	I.D.	(lbs/ft)	MEASURED	TRUE VERTICAL	
5.500	4.950	15.5	4,300	4,300	

<u>STAGE:</u> 2	Stage Collar set @	3,750 ft
	Mud Density	8.40 ppg
	Est. Static Temp.	103 ° F
	Est. Circ. Temp.	96 ° F

VOLUME CALCULATIONS

1,250 ft 1,150 ft 1,350 ft	x x x	0.1926 cf/ft 0.1733 cf/ft 0.1733 cf/ft	with with with TOTAL	0 % excess 100 % excess 50 % excess SLURRY VOLUME		240.7 cf 399.1 cf 349.9 cf 989.7 cf 176 bbls
<u>STAGE:</u> 1 i		Float Collar s Mud Density Est. Static To Est. Circ. Ter	emp.		4,260 8.40 106 99	ppg

VOLUME CALCULATIONS

550 ft 40 ft	x x	0.1733 cf/ft 0.1336 cf/ft	with with	50 % excess 0 % excess	= =	142.9 cf 5.3 cf (inside pipe)
			TOTAL	SLURRY VOLUME	=	148.3 cf
					=	26 bbls

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FLUID SPECIFICATIONS

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500.0 gals Mud Clean I @ 8.4 ppg

AMOUNT A	AND TYPE	OF CEMENT	

1.38 = 108 sacks Class C Cement + 5% bwow Sodium Chloride + 1% bwoc BA-58 + 0.9% bwoc FL-50 + 0.5% bwoc CD-32 + 0.005 gps FP-6L + 0.2% bwoc Sodium Metasilicate + 57.4% Fresh Water 101.4 bbls FRESH WATER + 57.4% Fresh

Water

Displacement

Cement Slurry

CEMENT PROPERTIES

	SLURRY NO. 1
Slurry Weight (ppg)	14.80
Slurry Yield (cf/sack)	1.38
Amount of Mix Water (gps)	6.47
Amount of Mix Fluid (gps)	6.47
Estimated Pumping Time - 70 BC (HH:MM)	4:00
Free Water (mis) @ 80 ° F @ 90 ° angle	0.0
Fluid Loss (cc/30min) at 1000 psi and 80 ° F	50.0

VOLUME

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VOLUME

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Proposal No: 180252742A

FLUID SPECIFICATIONS (Continued)						
STAGE NO.: 2						
Spacer					00.0 gals N 3.4 ppg	lud Clean I + 57.4% Fresh Water
Lead Slurry	640	1	2.69	+ 0.	.005 gps F % bwoc Sc	ss C Cement + 0.4% bwoc CD-32 P-6L + 16% bwoc Bentonite + odium Metasilicate + 140.1% Fresh
FLUID	VOLUME CU-FT		VOLUME FACTOR	<u>AN</u>	IOUNT AN	
Tail Slurry	350	1	1.38	Chl + 0.	oride + 1% .5% bwoc (iss C Cement + 5% bwow Sodium bwoc BA-58 + 0.9% bwoc FL-50 CD-32 + 0.005 gps FP-6L + 0.2% Metasilicate + 57.4% Fresh Water
Displacement					3 bbls DISF ter @ 8.4 p	PLACEMENT + 57.4% Fresh opg
CEMENT PROPERTI	ES					
				LURRY NO. 1	SLURRY NO. 2	
Slurry Weight (ppg)				12.00	14.80	
Slurry Yield (cf/sack)				2.69	1.38	
Amount of Mix Water (g	ips)			15.79	6.47	
Amount of Mix Fluid (gp	s)			15.79	6.47	
Estimated Pumping Tim	•			5:00	4:00	
Free Water (mls) @ 80 Fluid Loss (cc/30min)	Ū.	ang	le	0.0	0.0	
at 1000 psi and 80	°F			650.0	50.0	

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PRICE ESTIMATE

Product Material

QTY UNIT	PRODUCT DESC	RIPTION UNIT PRICE	GROSS AMOUNT	DISC (%)	NET AMOUNT
599 sacks	Class C Cement	10.60	6,349.40	48.0	3,301.69
3580 lbs	Bentonite	0.22	787.60	48.0	409.55
306 lbs	FL-50	11.60	3,549.60	48.0	1,845.79
113.lbs	Sodium Metasilicate	1.85	209.05	48.0	108.71
973 lbs	Sodium Chloride	0.18	175.14	48.0	91.07
1500 gals	Mud Clean I	0.75	1,125.00	48.0	585.00
260 lbs	CD-32	. 5.90	1,534.00	48.0	797.68
3 gais	FP-6L	45.00	135.00	48.0	70.20
340 lbs	BA-58	2.35	799.00	48.0	415.48
	Pr	Product Material Subtotal:			\$7,625.17

Service Charges

QTY	UNIT	PRODUCT DESCRIPTION	UNIT PRICE	GROSS AMOUNT	DISC (%)	NET AMOUNT
699	cu ft	Bulk Materials Service Charge	1.60	1,118.40	48.0	581.57
		Service Charges	Subtotal:	\$1,118.40		\$581.57

Equipment

QTY UNIT	PRODUCT DESCRIPTION	UNIT PRICE	GROSS AMOUNT	DISC (%)	NET AMOUNT
1 6hrs	Cement Pump Casing, 4001 - 4500 ft	1,980.00	1,980.00	48.0	1,029.60
1 job	Data Acquisition, Cement, Standard	670.00	670.00	48.0	348.40
40 miles	Mileage, Heavy Vehicle	3.60	144.00	48.0	74.88
40 miles	Mileage, Auto, Pick-Up or Treating Van	2.15	86.00	48.0	44.72
1 stage	Multiple Stage Cementing	1,655.00	1,655.00	48.0	860.60
1 job	Field Storage Bin	600.00	600.00	48.0	312.00
	Equipment S	ubtotal:	\$5,135.00		\$2,670.20

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PRICE ESTIMATE

Freight/Delivery Charges

QTY UNIT	PRODUCT DESCRIPTION	UNIT PRICE	GROSS AMOUNT	DISC (%)	NET AMOUNT
619 ton-mi	Bulk Delivery, Dry Products	1.20	742.80	48.0	386.26
	Freight/Delivery Charges Subtotal:		\$742.80		\$386.26
		TOTAL:	\$21,659.99		\$11,263.20

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PRODUCT DESCRIPTIONS

BA-58

very fine, gray, free flowing siliceous powder combined with high molecular weight resins which improves the bond between the cement particles, formation and casing. It is applicable at low to high temperatures.

Bentonite

Commonly called gel, it is a clay material used as a cement extender and to control excessive free water.

CD-32

A patented, free-flowing, water soluble polymer that is an efficient and effective dispersant for primary and remedial cementing.

Calcium Chloride

A powdered, flaked or pelletized material used to decrease thickening time and increase the rate of strength development.

Cello Flake

Graded (3/8 to 3/4 inch) cellophane flakes used as a lost circulation material.

Class C Cement

Intended for use from surface to 6000 ft., and for conditions requiring high early strength and/or sulfate resistance.

FL-50

A water soluble, high molecular weight fluid loss additive used in medium to low density slurries. It is functional from low to high temperature ranges.

FP-6L

A clear liquid that decreases foaming in slurries during mixing.

Poz (Fly Ash)

A synthetic pozzolan, (primarily Silicon Dioxide). When blended with cement, Pozzolan can be used to create lightweight cement slurries used as either a filler slurry or a sulfate resistant completion cement.

Sodium Chloride

At low concentrations, it is used an accelerator for cement slurries. At high concentrations, it is used for formation compatiablity.

Sodium Metasilicate

An extender used to produce an economical, low density cement slurry.

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End of Proposal

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