District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

# State of New Mexico Energy Minerals and Natural Resources

Form C-101 Revised March 17, 1999

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit to appropriate District Office State Lease - 6 Copies Fee Lease - 5 Copies

AMENDED DEPORT

											L AME	NDED REPORT
	APP	P	Operator Name ecos Productio W. Illinois,	and Addre on Compo Suite 10	ss any	ENTE	R, DEF	EPEN, F	215758	<sup>2</sup> OGRID	A ZONE Number	<u>.</u>
3 <b>D</b>		———Т	Midland, T	<u> 79701</u>	5 D				30-025	42-	6 Wall N	<u>2</u>
Рторе	rty Code 32088				R. L. Brunso	rty Name 6 Well No.						
					<sup>7</sup> Surface							
UL or lot no.	Section	Township	Range	Lot I				outh line	Feet from the	East/We	est line	County
М	3	228	37E		99	0,	So	uth	990'	We		Lea
				Bottom	Hole Locat					<u> </u>		
UL or lot no.	Section	Township	Range	Lot I				South line	Feet from the	East/Wo	est line	County
	l		Proposed Pool 1					-	<sup>10</sup> Prop	osed Pool	2	
		Penros	e Skelly; Gray	burg		l			· · · · · · · · · · · · · · · · · · ·			
	Type Code		12 Well Type Cod	le	I	e/Rotary		14	Lease Type Code			Level Elevation 416'
	fultiple Vo		<sup>17</sup> Proposed Dept 3950'	h	18 Formation Grayburg			19 Contractor Capstar			<sup>20</sup> Spud Date 7-8-03	
		<b>,</b>	21	Propos	sed Casing a	nd Ce	ment	Progra	<u>m</u>		<del></del>	
Hole S	ize	Cas	ing Size	Casing	g weight/foot	s	etting D	epth	Sacks of Ce	ment	Es	timated TOC
11'	)	8	8 5/8"		24#		350'		175 sxs		Surface	
7 7/3	8"	4	4 1/2"		10.5#		3950'		1000 sxs		Surface	
		<u> </u>					<del>,</del>					
			1									
	····	<u> </u>				<u>L</u>					<u> </u>	
					Permit E Date	xpires	: 1 Y	ear Fr	oresent productive z om Approva Underway	733	JUL 27 FILUE! Hob OC	12131416 VED 12131416
1	•		n given above is t	rue and co	mplete to the			OIL C	CONSERVA	I MOIT	DIVISIO	
best of my kr Signature:	iowicuge at	IIIA	d			Approv	red by:		and 3	12	af	
Printed name	: William	R. Huck				Title:	<u> </u>	FIHUL	EUM ENGINE			····
Title: VP- E	ngr. & Ope	erations	1	•		Approv	al Date	JUL	<b>0</b> 7 2008	xpiration	Date:	
Date: 7-01-	03		Phone: (915)	620-8480	)	Conditi	ons of A	pproval:				
						Attache	ed 🔲	-				

# Pecos Production Company, Inc. Drilling Prognosis

Well:

R. L. Brunson Tr 2 No. 6

Location:

990' FSL & 990' FWL, Section 3, Twp 22-S, Rge 37-E, Lea Co, NM

**Elevation:** 

3416' GL 3426' KB (est)

API # 30-025-

H2S:

This well will be drilled through formations with known quantities of H2S. 100 PPM ROE = 101 ft. 500 PPM ROE = 46.5 ft. Neither of these distances include any form of public area. However, appropriate monitors and warning signs are to be in place and functional at all times.

Notifications: NMOCD – Hobbs Office 505-393-6161.

Notify of spud and 24 hrs prior to cementing any casing or testing BOP's.

Location:

Clear and level 160' x 200' location w/ 100' x 80' reserve and 5 x 5'

cellar. MIRU.

Surface:

Spud w/ fresh water/spud mud. Drill 11" hole to 350' or to fit casing tally. TOOH. Run 8-5/8" casing w/ Texas Pattern Shoe, insert float, and 4 centralizers spaced every third joint. Cement according to prognosis. WOC 4 hrs. Back off casing and install 8-5/8", 8-R Larkin casinghead.

NU 11" stack. Test BOP's and surface casing to 1000 psi.

**Production:** 

Drill out w/7-7/8" bit. Circulate fresh water through reserve to 1100 ft. add brine to minimize washout through salt section. Switch to working pits at +/-3300' and mud up w/ starch for 10 cc water loss. Maintain WL below 10 cc to TD. Have mudlogger on hole below 2600'. Condition hole and log. If productive, run 4-1/2" production casing with float shoe and float collar. Centralize shoe joint and every joint through zones of interest. Cement according to prognosis. Set slips and cut 5-1/2" casing.

Weld on bell nipple and install Larkin Fig 72 tubinghead.

Logging:

If OH logs run -GR-CNL-LDT, DLL-MSFL, TD - 2000' w/ GR-N to Sur

Mud:

Depth	Mud Wt	Visc (sec)	WL (cc)	Remarks
0-350	8.9	36	NC	Native
350 - 1200'	9.5	29	NC	FW/native then cut brine
2600 - 4000'	10.0 - 10.2	34	10	Brine, then Brine/Starch

Casing

Cement:

	Lengti	n Size	Wt	Grade	Cplg	Coll S.F.	Tens S.F.
' 350'		8-5/8"	24#	J-55	STC	NA	NA
0'	3950'	4-1/2"	10.5#	J-55	STC	2.14	3.25
S	lurry	% excess	# sacks	Wt (ppg	) Yie	eld TC	С
Lead		Lead 140		14.8	1.	32 st	ırf
	, ), S	350' 3950' Slurry	350' 8-5/8" 3950' 4-1/2" Slurry % excess	350' 8-5/8" 24# 0' 3950' 4-1/2" 10.5# Slurry % excess # sacks	350' 8-5/8" 24# J-55 0' 3950' 4-1/2" 10.5# J-55 Slurry % excess # sacks Wt (ppg	350' 8-5/8" 24# J-55 STC 3950' 4-1/2" 10.5# J-55 STC Slurry % excess # sacks Wt (ppg) Yie	350'     8-5/8"     24#     J-55     STC     NA       3950'     4-1/2"     10.5#     J-55     STC     2.14       Slurry     % excess     # sacks     Wt (ppg)     Yield     TC

0 - 000	<del>/0   0000</del>	7-1/2	10.0#	<u> </u>	310	20.11				
interval	Slurry	% excess	# sacks	Wt (ppg)	Yield	TOC				
Surface	Lead	140	200	14.8	1.32	surf				
	Class "C" w	// ½# cello, 2	% CaCl.							
Prod	Lead	125	650	11.8	2.53	surf				
	50:50 Poz:C w/ 5% salt, 10% gel, .125 pps D130									
	Tail	.35	350	14.2	1.35	3000				
	50:50 Poz:0	w/ 5% salt,	2% gel, .1 p	ps D-130						

DISTRICT I P.O. Box 1980, Hobbs, NM 88241-1980

## State of New Mexico

Energy, Minerals and Natural Resources Department.

Form C-102 Revised February 10, 1994

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

#### DISTRICT II P.O. Drawer DD, Artosia, NM 88211-0719

DISTRICT III

OIL CONSERVATION DIVISION P.O. Box 2088

1000 Rio Brazos Rd., Aztec, NM 67410

Santa Fe, New Mexico 87504-2088

DISTRICT IV P.O. BOX 2088, SANTA FE, N.M. 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name				
30-025-3631	50350	Penrose Skelly;	Grayburg			
Property Code	Pro	perty Name	Well Number			
32088	BRUNSON TRACT 2					
OGRID No.	Ope	rator Name	Elevation			
215758	PECOS PRODU	3416'				

### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
М	3	22-S	37-E		990'	SOUTH	990'	WEST	LEA

### Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint o	r Infill Co	nsolidation	ode Or	der No.				
40									

# NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

	OR A NON-STANDAL	RD UNIT HAS BEE	N APPROVED BY T	HE DIVISION
LOT 4	LOT 3	LOT 2	LOT 1	OPERATOR CERTIFICATION  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
38.73 AC	38.74 AC	38.76 AC	38.77 AC	Signature
	 			William R. Huck Printed Name  VP- Engr. & Operations Title
	,			7-1-03 Date
	Pecos Production	-	<u> </u>	SURVEYOR CERTIFICATION  I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my
				supervison, and that the same is true and correct to the best of my belief.  May 14, 2003
40 Acres 6	<u> </u>		<u>.</u>	Date Surveyed A.W.B Signature & Scal of The Professional Surveyor.
066.	171)17	. [		Certificate No. BONALD J. EBSON 3239
R	L. Brunson			Certificate No. RONALD J. REUSON 3239 GARY, RIDSON 1264