Form 3160-4 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2004—

DEPARTMENT OF THE INTERIOR	Paris I
BUREAU OF LAND MANAGEMENT	Expires: Janua
WELL COMPLETION OR RECOMPLETION REPORT AND LOG	5. Lease Serial No.

														NML	C02938	9A			
la. Type of well Gas Well Dry Other									6. If Indian, Allotte or Tribe Name										
b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr,. Other										7. Unit or CA Agreement Name and No.									
Name of o Peco	perator s Production	Company						-					·,	1	e Name & Federal		No.		_
3. Address 400	W. Illinois, S	uite 1070,	Midland,	TX 79701			38			o. <i>(inclu</i> 8480	de ar	ea cod	le)		Well No. 5-30902				_
4. Location o	f Well (Report la	ocation clearly	y and in accord	dance with Fe	deral r	equiremer	nts)*		F	RECE	IVE	D			ld and Poo		xplora	tory	
At surface			1980' FN		.1AN 0 8 7004					11. Sec., T., R., M., on Block and Survey or Area Sec 9-18S-31E									
At top prod.	interval reported	below	1980' FN	L & 660' F	WL		4.0	OCD-ARTESIA					١.	12. County or Parish 13. State					_
At total dept	h		1980' FN	L & 660' F	WL									Eddy	Eddy NM				
14. Date Spuc 11-3-03	lded		15. Date T.I 12-8-03				16. Date	e Comp &A		Ready to	Prod.	•		17. Elevations (DF, RKB, RT, GL)* 3697' GL					
18. Total De	epth: MD 11,	100'	19. Plug Ba	ck T.D.: MD	-	958'	 		20.	Depth	Brid	ge Plu	ıg set:	t: MD 8595' in old hole				-	
21. Type Elec	ctric & Other Me	chanical Logs	Run (Submit						1	22. Wa Wa	as wel				☐ Yes (•	•	_
CNL, DL				•••					\perp		rection		rvey?	□ No	Yes (Submit	сору)		_
	nd Liner Record		strings set in			Stage Ce	menter	No.	Of	Sks. &	S	lurry			track Purp it Top*		ount P	ulled	_
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)		pth			Cement								····	_
17 ½" 11"	13 3/8" 8 5/8"	48# 24#			\dashv	704'			610 sxs Poz C					Surf Circ				_	
7 7/8"	5 1/2"	17#		- 		2184' 8945'		690 sxs Poz C 1425 sxs Poz C			Surf Circ Surf Circ				_				
4 3/4"	3 1/2"	9.3#	8250'	11,100	,	8250'		250 sxs 15:61:11			Circ	CHC	 			_			
7 3/7	3 1/2	7.51	0230	11,100		6250		230 8	V 3A3 1.J.U1.11			Circ					_		
24. Tubing F	Pecord	<u> </u>	<u> </u>			·										<u> </u>			_
Size	Depth Set (MI		Depth (MD)	oth (MD) Size Depth set (MD) Packer Depth (MD) Size						Depth Set (MD) Packer Depth (N			oth (MD)	_					
2 7/8"	8250'	8250'		<u> </u>															
25. Producin	g Intervals ormation		Тор	Dettom		26. Perfo			C:-		Nio	Holor		т	Do-f C	totus			_
A) Strawn		10718'	Bottom 10887'	Bottom Perforated In 10887' 10718'-10							-	Perf Status Producing					-		
B)			10710	10007		10/10	-10007	士				<u> </u>		<u> </u>	Oddenig	<u> </u>			_
C)																			_
D)														L					_
	cture, Treatment, Depth Interval			Amount and Type of Material ACCEF							EP	TED FOR RECOKU							
5526'-8593' Cmt sqz w/75 sxs Cl C w/FLA + 75 sxs Cl C Neat								{		<u></u>					-				
10718'-1	0887'		Acidize w	Acidize w/5000 gals 15% NEFE									J	AN -	6 200	4			
															TOVAL			<u> </u>	_
	on - Interval A	Llour	Test	Oil	Gas	1 1	Water	LOil	Grav	ity 16	Gas		DE-71	Product	ABYAK	NEEF	₹—	 	-
Date First Produced	Test Date	Hours Tested	Production	BBL	MCF		BBL	Corr. API Gravity				Production NGINEER Method Flowing							
12-24-03	12-31-03	24		240	1140		0	.70											
Choke Size 16/64	Tbg. Press. Flwg 1500	Csg. Press. Pkr	24 hr. Rate —	Oil Gas Water Gas: Oil Well Status BBL 240 MCF 1140 BBL 0 Ratio 4750 Producing															
	on - Interval B	H	µ\aic •	DDL 240	IVICI	1140 ID	DL 0	- Acad	<i>∪</i> -77.		1100	-4411							-
Date First	Test	Hours	Test	Oil	Gas		Vater		Grav		Gas			Produc					_
Produced	Date		Production	BBL	MCF		BBL					Method	10 0						
Choke Size	Tbg. Press. Flwg SI	Csg. Press.	24 hr. Rate	Oil BBL	Gas MCF		Vater BBL	Gas: Rati		'	Well	Status							
<u> </u>		*	<u> </u>		<u>' </u>	<u>, , , , , , , , , , , , , , , , , , , </u>													-

Wolfcamp 9325' 9365' Oil, Gas, Water Salt 7 Strawn 10,718' 10,887' Oil, Gas Seven Rivers 2 Queen 3 Grayburg 3 San Andres Bone Spring 5 BS 2 nd Carb 7 BS 2 nd Sand 7 Wolfcamp 9										on - Interval C	28b. Producti
The Press Tog Press										Test	Date First
Five		Method	Gravity	Corr. API	BBL	MCF	BBL	Production I	Tested	Date	roduced
ate First Test Hours Production Oddecod Date Tested Englanding Bill MCF Bill Controlly Gas Gravity Method Top Press. Cag 24 hr. Oil Glas Water Gas: Oil Gravity Method	······································		Well Status								
ate First Test Hours Test Production Descriptions (Corr. Apr.) Test Production Description Corr. Apr. Disposition of Cine. Corr. Apr. Disposition of Cine. Col. Eng. 24 hr. Press. Past Press.			<u> </u>	1	<u> </u>	<u> </u>		<u> </u>	!	on – Interval D	c Producti
Date Tested Producting BBL MCF BBL Corr. APT Gravity Method		Production	l Gas	1 Oil Gravity	l Water	1 Gas	Oil	Test IC	Hours		
Pives SI Press. Rate → BBL MCF BBL Ratio Disposition of Good, seed for fuel, wented ect.) Sold Summary of Porous Zones (Include Aquifers): Stow all important zones of poorsity and contents thereof: Cored intervals and all drill-sterm test-including depth interval tested, cushi on used, time tool open, flowing and shut-in pressures and recoveries. Formation Top Bottom Descriptions, Contents, etc. Name Formation Top Bottom Descriptions, Contents, etc. Name Wolfcamp 9325' 9365' Oil, Gas, Water Oil, Gas Salt 7 Yates Seven Rivers 2 Queen Grayburg 3 San Andres Bone Spring 5 BS 2 nd Carb 7 B					BBL			Production I	Tested		
Sold Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test including depth interval tested, cushi on used, time tool open, flowing and shut-in pressures and receveries. Formation Top Bottom Descriptions, Contents, etc. Name Wolfcamp 9325' Strawn 10,718' 10,887' Oil, Gas, Water Oil, Gas Wolfcamp Strawn Additional remarks (include plugging procedure): Abandon old hole w/CIBP @ 8595'. Set whipstock & mill window in 5 Wolfcamp Strawn Abandon old hole w/CIBP @ 8595'. Set whipstock & mill window in 5 Wolfcamp Strawn Circle enclosed stateshments: Discriptions of plugging and cement verification Cored natural and correct as determined from all available records (see attached instructions)* Name (please print) Dora Lara Title _ Engr. Asst. Date01-02-04 Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.			Well Status	I .							
Summary of Porous Zones (Include Aquifers):								vented ect.)	l, used for fuel,	on of Gas (Sold,	. - .
test, including depth interval tested, cushi on used, time tool open, flowing and shuf-in pressures and recoveries. Formation Top Bottom Descriptions, Contents, etc. Name Wolfcamp 9325' Strawn 10,718' 10,887' Oil, Gas, Water Oil, Gas Salt Yates Seven Rivers Queen Grayburg San Andres Bone Spring BS Sd BS 2 nd Carb BS 3 nd Carb BS 3 nd Carb BS 2 nd Carb BS 3 nd Sand Wolfcamp Strawn Additional remarks (include plugging procedure): Abandon old hole w/CIBP @ 8595'. Set whipstock & mill window in 5 ½" csg. Drill new hole to 11,100'. Ran & cmt 3 ½" liner. Circle enclosed attachments: OElectrical/Mechanical Logs (1 full set req'd) Sundry Notice for plugging and ceme ent verification 6. Core Analysis TitleEngr. Asst. Signature TitleEngr. Asst. TitleEngr. Asst. TitleEngr. Asst. TitleEngr. Asst. TitleEngr. Asst. Date01-02-04 Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.		(Log) Markers	31. Formation					Aquifers):	es (Include	y of Porous Zone	
Formation Top Bottom Descriptions, Contents, etc. Name Wolfcamp 9325' 10,718' 10,887' Oil, Gas, Water Oil, Gas Salt 7 Yates Seven Rivers Queen Grayburg 3 San Andres Bone Spring BS Sad 7 BS 2 nd Carb BS 2 nd Carb BS 2 nd Sand Wolfcamp Strawn Additional remarks (include plugging procedure): Abandon old hole w/CIBP @ 8595'. Set whipstock & mill window in 5 ½" csg. Drill new hole to 11,100'. Ran & cmt 3 ½" liner. Circle enclosed attachments: DElectrical/Mechanical Logs (1 full set req d) 2. Geologic Report 3. DST Report Deviation Survey Sundry Notice for plugging and cem ent verification 6. Core Analysis Thereby certify that the foregoing and Attached information is complete and correct as determined from all available records (see attached instructions)* Name (please print) Dora Lara Title Engr. Asst. Signature Lara Title Engr. Asst. Date 01-02-04 Title 18 U.S.C. Section 1001 and Title 43 U.S. C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.					drill-stem -in pressures	ervals and al wing and shu	Cored int	contents thereof on used, time to	of porosity and all tested, cushi	ing depth interval	test,includi
Wolfcamp Strawn 9325' 10,718' 10,887' Oil, Gas, Water Oil, Gas Salt Yates Seven Rivers Queen Grayburg San Andres Bone Spring San Andres Bas 2nd Carb Bas 2nd Sand Wolfcamp Strawn Additional remarks (include plugging procedure): Abandon old hole w/CIBP @ 8595'. Set whipstock & mill window in 5 W' csg. Drill new hole to 11,100'. Ran & cmt 3 \ W' liner. Circle enclosed attachments: Oil, Gas Salt Yates Seven Rivers Queen Grayburg San Andres Bone Spring Bas Sad Bas 2nd Carb Bas 2nd Sand Wolfcamp Strawn Str	Top		·		ontents, etc.	scripitions, C	De	Bottom	Тор		
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Abandon old hole w/CIBP @ 8595'. Set whipstock & mill window in 5 1/2" csg. Drill new hole to 11,100'. Ran & cmt 3 1/2" liner. Circle enclosed attachments: Delectrical/Mechanical Logs (1 full set req'd) 2. Geologic Report 3. DST Report 4. Directional Survey Sundry Notice for plugging and cem ent verification 6. Core Analysis 7. Other: Deviation Survey I hereby certify that the foregoing and Attached information is complete and correct as determined from all available records (see attached instructions)* Name (please print) Dora Lara Title Engr. Asst Signature Date 01-02-04 Title 18 U.S.C. Section 1001 and Title 43 U.S. C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	9212' 10,710'	1 4 1									
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Signature Date01-02-04		eattached instructions)*	lable records (see	ined from all ava	rect as determ	plete and co	ation is con	Attached inform	foregoing and	certify that the fo	I hereby
Signature Date01-02-04				or Acct	Title Co.				Dora I am	lease naint)	Nama /-
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States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.				Pate01-02-04				<u> </u>	oasa	Wasa	Signature
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	cy of the United	any department or agency of the	illfully to make to a	knowingly and w	or any person	ke it a crime	n 1212. mal	3 U.S. C. Sectio	001 and Title 4	J.S.C. Section 10	Title 18 U
en e				jurisdiction.	tter within its	s as to any m	resentation	statements or rep	or fraudulent	y false, fictitious	States an
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POOL COMPANY TEXAS Ltd.

A Nabors Industries Company



Tel: 915-683-5000 Fax: 915-683-3697

24 Smith Road, Suite 600 (79705) P.O. Box 51670 Midland, Texas 79710-1670

Inclination Report

Field Name

Shugart North Strawn

Lease Name **Baish Federal**

Well Number

Operator

Pecos Production Company

Address

400 W. Illinois, Suite 1070 Midland, Texas 79701

660' FWL, 1980' FNL Sec. 9 T-18-S R-31-E

County

State

New Mexico

Eddy

Record of Inclination

Cut window @ 8,604'

Measured Depth	Angle of Inclination (Degrees)	<u>Date</u>
8,611'	3 1/2	11/23/2003
8,800'	4 1/2	11/24/2003
8,957'	4	11/25/2003
9,310'	2 3/4	11/27/2003
9,775'	1 1 <i>/</i> 2	11/29/2003
10,275'	3 3/4	12/03/2003
10,080'	4	12/04/2003
11,080'	2 3/4	12/09/2003

*Inclination measurements were made in Drill Pipe.

Signature of Authorized Representative

Steven Hammel Sr. Sales Rep.

Name of Person and Title

Pool Company Texas Ltd.

Name of Company

(432) 683-5000

Telephone

Doll A LANCH - Engr. Asst. ame of Person and Title

Cas Preduction. Co.

This instrument was acknowledged before me on December 10, 2003, by Steve Hammel.



Notary Public -