Submit To Appropriate District Office Two Copies District 1				State of New Mexico Energy, Minerals and Natural Resources						MAY 2 6 2009 Form C-105 ⁶ July 17, 2008								
1625 N. French Dr , Hobbs, NM 88240 District II 1301 W Grand Avenue, Artesia, NM 88210										1. WELL API NO. 30-005-62820								
District III 1000 Rio Brazos Re		Oil Conservation Division 1220 South St. Francis Dr.								2. Type of Lease								
District IV 1220 S St Francis		Santa Fe, NM 87505							STATE FEE FED/INDIAN 3. State Oil & Gas Lease No. LG-5246									
				R RECOMPLETION REPORT AND LOG							3. Sale on te dis retained to 10. 10. 10. 10. 10. 10. 10. 10. 10. 10.							
4. Reason for fili		LIION	Oiti	\LOC	71VII L	LIIOITIC		<u> </u>	1110	<u> </u>		5. Lease Name or Unit Agreement Name						
☐ COMPLETI	in boxes	tes #1 through #31 for State and Fee wells only)							PATHFINDER AFT STATE 6. Well Number: 12									
				Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or sure report in accordance with 19.15.17.13.K NMAC)														
7. Type of Comp	letion:										<i>1</i> 010	Потив						
8. Name of Opera				☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR DUrces A, L.P.						9. OGRID: 255333								
10. Address of Op	perator: c/o	Mike Pip	opin LLC	LC, 3104 N. Sullivan, Farmington, NM 8				87401				11. Pool name or Wildcat: Diablo Fusselman Associated (17625)						
12.Location	Unit Ltr	Section	Section		hip	Range	e Lot		Fo		Feet from the		-	Feet from the		Line	County	
Surface:	G	21		10-S		27-E				2300		North	221	4	East		Chaves	
ВН:																		
13. Date Spudded 1/5/91	14. Dat 1/19/91	e T.D. Re	ached	15. L 1/22/		lling Rig Release	ed		16. Date Completed 2/9/91 Worko			(Ready to Pro er Completed		0/09 R	T, GR,	etc.): 383		
18. Total Measured Depth of Well 6435'				19. Plug Back Measured Depth CIBP @ 6393'				20. Was Directiona Yes			l Survey Made	Survey Made? 21. Type Electric and Other Logs R Induction, Density/Neutron						
22. Producing Interval(s), of this completion - Top, Bottom, Name 6377'-85' - Fusselman																		
23.						ING REC	ORI	D (R			ring							
CASING SIZ	ZE		HT LB./F					HOLE SIZE 12-1/4"			CEMENTING RECORD AMOUNT PULLE 350 sx 35/65 + 150 sx C 0'							
			# J-55 26# J-5:	5		990'		8-3/4"				<u> </u>						
7 23&20# 3			20n J-J.	DV Tool @ 4004'				0-3/4			500 sx C 1300 sx C			+		<u></u>		
															1			
24.				LINER RECORD				25.										
SIZE	TOP		BOT	OTTOM SACKS CEMENT							SIZ	ZE DEPTH SET PACKER SET 7/8" 6370'				ER SET		
26. Perforation	record (into	erval. size	and nur	nber)	·····	İ		27	ACI	D. SHOT.					EEZE	ETC		
26. Perforation record (interval, size, and number) 6377'-85'. Total 48 holes. 5/13/09 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED																		
6377'-6410' – SQ w/75 sx Cmt on 2/1/91								6377'-85'			1000 gals 15% NEFE HCL acid							
6400'-08' Below CIBP @ 6393' on 5/13/09											ļ							
20		<u>.</u>					DD		IIC	TION		<u> </u>						
28. Date First Produc	tion		Product	ion Metl	nod (Flo	owing gas lift n					n)	Well Statu	s (Pro	d or Shu	t-in)			
5/21/09 Pumping Pumping								=										
Date of Test 5/18/09	Hours 7	rested	Cho	ke Size		Prod'n For Test Period:				Ga:	s - MCF	MCF Water - Bbl.		l.	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure Calculated 24- Oil - Bbl. Hour Rate 16				Gas - MCF			_	Water - Bbl. 304	Oil Gr	Oil Gravity - API - (Corr.)							
29. Disposition of Gas (Sold, used for fuel, vented, etc.) 30. Test Witnessed By: Jerry Smith																		
31. List Attachments																		
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.																		
33. If an on-site burial was used at the well, report the exact location of the on-site burial:																		
						Latitude					· · · · · · · · · · · · · · · · · · ·	Longitud		.,		N	AD 1927 1983	
I hereby certif	y inai ine M.M.	,	ation sl Lin	nown o		Printed	<i>form</i> e Pip		rue a			<i>to the best</i> oleum Engi			dge ar e: 5/2	_		
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E-mail Address: mike@pippinllc.com																		

INSTRUCTIONS

PATHFINDER AFT STATE #12

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeast	ern New Mexico	Northwestern New Mexico					
T. Anhy	T. Canyon_	T. Ojo Alamo	T. Penn A"				
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"				
B. Salt_	T. Atoka	T. Fruitland	T. Penn. "C"				
T. Yates	T. Miss <u>6237'</u>	T. Pictured Cliffs	T. Penn. "D"				
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville				
T. Queen	T. Silurian_	T. Menefee	T. Madison				
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert				
T. San Andres 1403'	T. Simpson	T. Mancos	T. McCracken				
T. Glorieta <u>2579'</u>	T. McKee	T. Gailup	T. Ignacio Otzte				
T. Yeso 2659'	T. Ellenburger	Base Greenhorn	T.Granite				
T. Blinebry	T. Gr. Wash	T. Dakota					
T.Tubb	T. Delaware Sand	T. Morrison					
T. Drinkard	T. Bone Springs	T.Todilto_					
T. Abo 4855'	T. Siluro/Ordovician 6272'	T. Entrada					
T. Wolfcamp <u>5550'</u>	T. Fusselman 6288'	T. Wingate					
T. Penn Clastic 6189'	T.	T. Chinle					
T. Cisco (Bough C) 6074'		T. Permian_					
			OIL OR GAS				

	From	То	Thickness In Feet	Lithology	From	То	Thickness In Feet	Lithology
				- On File -				
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				v				
							:	
-								



9-5/8", 36#, J-55, ST&C Casing @ 990'

Elevation: 3,833' GL Date Spud: 01/05/91 Date TD'd: 01/19/91 Date Completed: 02/24/91 **Zone** Frac Fusselman (6,377-85') 1,000 gals 15% HCI Fusselman (6,400-08') 2,000 gals 15% HCI Fusselman (6,400-08') 1,000 gals 15% HCI Fusselman (6,377-10') 1,500 gals 15% HCI Fusselman (6,377-10') 500 gals 20% HCI **Recompletions & Workovers Date** 05/12/09 Set CIBP @ 6,393'. Perforated Fusselman 6,377-85'. Acidized with 1,000 gals 15% HCl. **Current Status:**

DV Tool @ 4,004'

.2.5"x1.50"x24' Pump on Rod String of 103 - 7/8" Rods, 142 - 3/4" Rods & 8 - 7/8" Rods (btm)

.2-7/8" Tubing w/ SN @ 6,358' & EOT @ 6,3733'

TA @ 6,226'

Fusselman Perfs: 6,377-85'(49 holes - 0.42" DIA)

Fusselman Perfs SQUEEZED: 6,398-04' & 6,406-10' (75 holes - 0.42" DIA)

Last Well Test:

Fusselman Perfs: 6,400-01' & 6,407-08' (2 Hydro-Jet

holes/ft)

7", 23 & 26#, J-55, LT&C, Casing @ 6,435'

TD @ 6,435'

Lime Rock Resources Pathfinder AFT State 12 Sec 21G-10S-27E Chaves County, NM Updated: 20 May 2009 SJH

CIBP @

6,393'

PBTD @ 6,420