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

May 27, 2004 NOV 13 2007 Submit to appropriate District Office

Oil Conservation Division OCD-ARTESIA

☐ AMENDED REPORT

Form C-101

Santa Fe, NM 87505

APPI	ICATI	ON FO	R PERMIT	TOD	RILL, RE-	ENTER, D	EEPEN	, PLUGBA	CK, OR AI	DD A ZONE	
			Operator Nam					9974	9974		
	P. 0	Hanso Box	n Operatin 1515, Rosw	g Comp ell. NN	oany, Inc. I 88202-15	515			30 – 005-61493		
Property Code				<u> </u>	³ Property Name				003-01493 ° Well No.		
3	03237				Hanlad AK	Z State				¥ 1	
Pi	Γ_		⁹ Proposed Pool 1			ρ	Α.		¹⁰ Proposed Pool 2		
Palma Mesa; Penn						Palu	La M.	<u>و ۲ م.</u> ۷۷ OI	fcamp	1/4/5	
UL or lot no	Section	Township	Range	Lot		Location North/S	South line	Feet from the	East/West line	Country	
M	13	88	27E	Lot	66		uth	660'	West	Chaves	
⁸ Proposed Bottom Hole Location If Different From Surface											
UL or lot no.			Lot Idn Feet from t					East/West line	County		
				Δ.	lditional We	ll Informati					
¹¹ Work	Type Code		12 Well Type Co			/Rotary					
	P		G			₹	S		3936' GR		
1	lultiple N		¹⁷ Proposed De 6300'	oth	Cisco/Wolfcamp			19 Contractor	²⁰ Spud Date 11/26/2007		
Depth to Grou					the from nearest fresh water well		<u></u>	Distance from nearest surfa			
<u>Pit:</u> Liner	: Synthetic		mils thick Clay	Pıt V	Pit Volumebbk Drilling Method				d:		
Close	ed-Loop Sys	tem 🔲	-					Brine Die	esel/Oıl-based	Gas/Air 🔲	
			2	Propos	sed Casing a	nd Cement	Prograr	n			
Hole S	ize	С	asing Size		g weight/foot					Estimated TOC	
17 1			16"	54#		47' 4 yard		ds Circulated			
12 1			8 5/8"	24#		1400	1400' 700		Circulated		
7 7/8"		<u> </u>	4 1/2"		10.5#	6800'		650		4535'	
²² Describe t	he proposed		2 3/8" If this application	is to DEE	PEN or PLUG BA	6280		resent productive z	one and proposed	I new productive zone.	
			rogram, if any. U				он ине р	obolit productivo 2	one una proposec	i new productive zene.	
Propose	to reco	omplet	e and test t	he Cisc	o Limestor	ne and Wo	lfcamp	formations	as follows		
1 MIRI	Louiling	· r unit s	nd install P	OP P	ull tubina		•				
2. Set F	RBP at	6300°, t	o isolate ex	isting p	erfs at 632	27'-6411'.		A	W = 000	gallons 20%	
3. Perfo acid.	rate Ci	sco Lir	nestone for	mation	at 6146'-6	264' with 5	ou hole	s. Acidize v	vith 5,000 (gallons 20%	
4. Perfo	rate Lo	wer W	olfcamp at	5812'-	5944' with	40 holes.	Acidize	with 4,000	gallons 20	% acid.	
6. Perfo	rate Up	pper W	olfcamp at	5584'-	5626' with	30 holes. <i>i</i>	Acidize	with 3,000 with 3,000	gallons 20	% acid.	
4. Perforate Lower Wolfcamp at 5812'-5944' with 40 holes. Acidize with 4,000 gallons 20% acid. 5. Perforate Middle Wolfcamp at 5666'-5736' with 35 holes. Acidize with 3,000 gallons 20% acid. 6. Perforate Upper Wolfcamp at 5584'-5626' with 30 holes. Acidize with 3,000 gallons 20% acid. 7. Place on production. Test and evaluate.											
Duc											
23 I hereby certify that the information given above is true and complete to the OII CONSERVATION DIVISION									SION		
best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines , a general permit , or Approved by:											
an (attached) alternative OCD-approved plan						BRYAN G. ARRANT					
Signature: Carol Society. Smith						Title.		ISTŘÍČT II		ST	
	Printed name: Carol J. Smith										
Title: Production Analyst						Approval Date	W 3 0	2007 E	xpiration Date:	NOV 3 0 2008	
	E-mail Address: hanson@dfn.com										
Date: 11/8/2007 Phone: 505-622-7330					Conditions of Approval Attached						

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240

<u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u>

1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u>

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

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

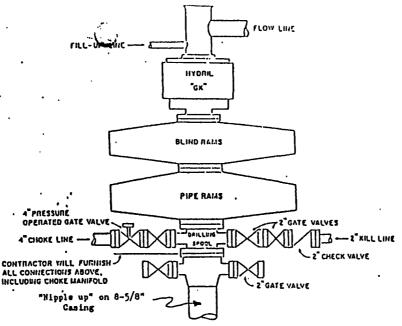
State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

	WE	LL LO	CATION	AND ACR	EAGE DEDIC	ATION PLA	AΤ			
¹ API Number				,	³ Pool Name					
30-005-61493				Palma Mesa Wolf						
⁴ Property Code				6	⁶ Well Number					
			#1							
).			⁹ Elevation							
		3	3936' GR							
¹⁰ Surface Location										
Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
13	8 South	27 East		660	South	660	West	Chaves		
¹¹ Bottom Hole Location If Different From Surface										
Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
		<u> </u>]		
13 Joint or	Infill 14 Co	nsolidation	Code 15 Orde	er No.						
	i									
	05-6149 de Section 13	Section Township 13 Section Township	Section Township Range 13 8 South 27 East Section Township Range Range	Number	Number	Number	Number 2 Pool Code 3 Pool Name Palma Mesa V			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

16			17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a nuneral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division Signature Carol J. Smith Printed Name
0660		·	18SURVEYOR 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 supervision, and that the same is true and correct to the best of my belief. March 19, 1982 Date of Survey Signature and Seal of Professional Surveyor Refer to Original Plat John Jaquess Certificate Number



MINIMUM WORKING PRESSURE 3000 PSI

CONTRACTED TO FURNISH

- 1. ALL EQUIPMENT ABOVE CASING HEAD HOUSING INCLUDING CHOKE MANIFOLD.
- 2. INDEPENDENT AUTOMATIC ACCUMULATOR 3000 PSI WP.
- 3. B.O.P. CONTROLS TO BE LOCATED HEAR DRILLER'S POSITION AND AT SAFE DISTANCE FROM THE WELL.
- 4. SPARE SET PIPE RAMS TO FIT PIPE IN USE.

COMPANY TO FURNISH

- 1. WELLHEAD EQUIPMENT.
- 2. WEAR DUSHING, IF REQUIRED.

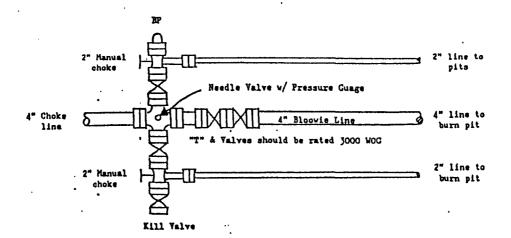
GENERAL HOTES

- 1. ALL VALVES, PIPING, FLANGES ETG, MUST HAVE MINIAUM WORKING PRESSURE COUAL TO WORKING PRESSURE OF PREVENTERS, VALVES MUST BE OF THE FULL OPENING TYPE.
- 2. CONTROLS TO DE OF STANDARD DESIGN AND EACH MARKED SHOWING OPEN AND CLOSED POSITION.
- 3. CHOKE MANIFOLD AS SHOWN IN APP, 18 AND 19 REPLACEABLE PARTS AND WREHCHES TO BE CONVENIENTLY LOCATED FOR IMMEDIATE USE.
- 4. ALL VALVES TO BE EQUIPPED WITH HANDWHEELS.
- S. CHOKE LINES MUST BE SUITABLY ANCHORED.
- 6. DEVIATIONS FIRM THIS DRAWING MAY BE MADE ONLY WITH THE PERMISSION OF THE COMPANY.

MINIMUM BLOWOUT PREVENTER REQUIREMENTS

HORMAL PRESSURE SERVICE

CHOKE MANIFOLD SETUP



The above Manifold Hookup Design will meet minimum requirement by the Operator. Drilling Contractor to supply choke line and choke manifold. Operator to supply downstream lines from manifold assembly to pits.

WELLBORE DIAGRAM

WELL NAME	Hanlad AKZ State #1	FIELD Palma Me	esa
LOCATION 660'	FSL & 660' FWL, M-Se	ction 13-8S-27E, Chaves County, New Mexic	СО
GL 3936	zero	КВ	
SPUD DATE	4/1/1982	COMPLETION DATE 7/9/1982	2
COMMENTS:	API #30-005-61943	-	
12 1/2" Hole		CASING PROGRA 8 5/8" 24# J-55 ST&C 4 1/2" 15.5# J-55 ST&C 8 5/8" at 1400' w/700 sx cement (Circ)	AM 1400' 6800'
7 7/8" Hole		TOC at 4535' by CBL	<u>PE</u>
CIBP at 6500'		Penn Perfs: 6327'-6411' 18 holes 4 1/2" at 6800' w/650 sx cement	
	TD 6800'		Not to Scale 11/8/2007

WELLBORE DIAGRAM

