Form 3160-3	- ,	KOUY N.	M. OUDATT IN	TLICATE	FORM A	PPROVED	
(July 1992)	UNIT	ED STATES	(Other inst. reverse s	ide)	OMB NO	. 1004-0136	
	DEPARTMEN	OF THE INTE	RIOR - 78		5. LEASE DEBIGNATI		
	BUREAU OF		NM-96233				
APPL	ICATION FOR P	ERMIT TO DRIL	L OR DEEPEN		6. IF INDIAN, ALLOT	TEE OR TRIBE NAME	
1a. TIPE OF WORK					T. UNIT AGREEMENT	NAME	
DR b. TYPE OF WELL							
OIL TT	VELL OTHER	··• 🗌 🔤	6. FARM OR LEASE NAME	WELL NO.			
2. NAME OF OPERATOR				A !	OPER "5" FEI	DERAL # 2	
	Y, INC. 147380	(BILL PIERCS)	915-683-2534		D. API WELL NO.	7.00	
3. ADDRESS AND TELEPHONE NO.		L100 MIDLAND,	DETELO 70701	PR 1955	30-015.	- 30178	
600 NORTH MAR	IENFELD SUITE		Proto recutrements #) III	GEIVED		EST DELAWARE	
At surface			IL YUU	- ARIESH	1. SEC., T., B., M., 0	E BLE.	
At proposed prod. zor	· · · · · · · · · · ·	22S-R31E EDDY	$1 \rightarrow 1 \rightarrow$	ott	SEC. 5 T22	ABEA 2S-R31E	
	same same	arts futash					
14. DISTANCE IN MILES	AND DIRECTION FROM NEAD	LEST TOWN OR POST OFFIC	r.	1	2. COUNTY OB PARIS	SH 13. STATE NM .	
Approximatel 15. DISTANCE FROM PROP	y 25 miles East	of Carlabad New	Mexico		EDDY CO.		
15. DISTANCE FROM PROP LOCATION TO NEARES PROPERTY OR LEASE (Also to Dearest dri	т 6 LINE, FT.	60'	320		17. NO. OF ACRES ASSIGNED TO THIS WELL 40		
18. DISTANCE FROM FROM TO NEAREST WELL, C OR APPLIED FOR, ON TH	RILLING, COMPLETED.		ROPOSED DEPTH 8350'		OTARY OR CABLE TOULS		
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)	3421' GR.			22. APPROX. DATE WHEN APPROV	WORK WILL START*	
23.	<u></u>		CEMENTING PROGRAM	' M			
SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	1	QUANTITY OF CEM	ENT	
25"	Conductor 20"	NA	40'	Cement 1		vith Redi-mix	
175"	H-40 13 3/8"	48 41				cement to surf	
12 ¹ / ₂ "	J-55 8 5/8"	32	4000'	1200 Sx	• •	11 11 11	
7 7/8"	N-80 5 ¹ 2"	17	8350'	1450 Sx		11 11 11	
			CALLED CO	KSTROALL	ED WATER E	iasin .	
1. Drill 25" ho	ple to 40'. Set	40' of 20" cond	uctor pipe and o	cement to	o surface wi	th Redi-mix.	
300 Sx. of (+ 2% CaCl, (hole to 550'. Ru Class "C" Halco circulate cement	Light + additive to surface.	es, tail in wit.	n 200 Sx	. of Class	C Cement	
900 Sx. of (cement + 2%	hole to 4000'. R Class "C" Halco CaCl, circulate	Light + 5# salt cement to surf.	/ Sx., tail in v ace.	with 300	Sx. of Clas	ss "C"	
three stages stage cemen with 300 Sx CaCl, circu	" hole to 8350'. s. Cement lst st t with 500 Sx. o . of Class "C" H late cement to s	age with 500 Sx f Class "C" cem alco Light, tai urface.	. of Class "H" ent + 10# Gilso 1 in with 150 S	nite/Sx. x. of Cla	+ 5% Micro I , 3rd stage ass "C" ceme	cement ent + 2%	
N ABOVE SPACE DESCRIB scepen directionally, give peri	E PROPOSED PROGRAM: If ; inent data on subsurface location	proposal is to deepen, give data is and measured and true vertice	al depths. Give blowout prever	nter program, if a	ny.	hobom is to still a	
24.	$T \subset \mathcal{T}$				JECT TO02/0	9/98	
SIGNED - de	ool fou	Ma TITLE AS			HREMENTS A		
	ral or State office use)			AL STIPUL		That ID-1	
(I and space for rede	U. State Gate Gate		ATTAC			LAAPT	
PERMIT NO.			APP 807 82 58178			4-10-98	
Application approval does I CONDITIONS OF APPROVAL	not warrant or certify that the app L. IF ANY:	licant holds legal or equitable bit	le to those rights in the subject !	ense which would	l entitle the applicant to	CONCLUER OPERATIONS ARE LONG	
,	/		Λ.			,)	

APPROVED BY	[]	CLAUCE m	= STATE	VICKE FUR DATE.	5.0348			
*See Instructions On Reverse Side								

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

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994 Instruction on back Submit to Appropriate District Office State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088

□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Property East Property Name Well Number 06KD No. Operator Name 2 06KD No. Operator Name 3421' 147380 Pernwell Energy Inc. 3421' Surface Location UL or lot No. Section Feet from the Book/South line East/Test line County Lot 1 5 22 S 31 E 660 North 660 East/Test line County Lot 1 5 22 S 31 E Col 10 Pert from the Book/South line Feet from the Book/South line East/Test line County Deficited Arres Jout or linful Consolidation Code Order No. Order No. County 40 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 OPERATOR CERTIFICATION / Arres entry in the tie solution in the office o	API Number			Pool Code 96582			Pool Name LOST TANK WEST-DELAWARE					
OGEND No. 147380 Operator Nume Derestion Surface Location Ut or 10 No. Section Township Range Lot 10 Feet from the feet feet feet feet feet feet feet	Property Code					•	-			1		
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Typical choke manifold assembly for 3M WP system





ARRANGEMENT SRRA

900 Series 3000 PSI WP

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EXHIBIT "E" B.O.P. SKETCH TO BE USED ON PENWELL ENERGY, INC. LOPER "5" FEDERAL # 2 UNIT "A" SECTION 5 T22S-R31E EDDY CO. NM