# PENWELL ENERGY, INC.

1100 ARCO BUILDING 600 N. MARIENFELD MIDLAND, TEXAS 79701 June 30, 1997

- 2 1997

OMSERVATION DIVISION

OFF: (915) 683-2534 FAX: (915) 683-4514

State of New Mexico Oil Conservation Division 2040 S. Pacheco Santa Fe, New Mexico 87505

Attention: Mr. Mike Stogner

Re: Filaree "24" Com. #1 Sec. 24, T-22-S, R-25-E 2370' FNL & 660' FEL Eddy County, New Mexico

Dear Mr. Stogner:

Per your request, and in accordance with Rule 104, attached is a plat showing the spacing unit for the subject well, including the unorthodox location.

Due to no other party, other than Penwell Energy, Inc. being affected by this unorthodox location, please, consider this our request for an administrative approval of a non standard location for the captioned well. The well was moved to the current location, by the requirement of the Bureau of Land Management, due to arch sites in the area. Attached, for your review, is a map showing the ownership of the subject lease. Everything highlighted in yellow belongs to Penwell Energy, Inc.

Your consideration of our request is appreciated.

Yours truly, 320-aun Brenda S. Coffman **Regulatory Analyst** . 102 w pt Wm.7

DISTRICT I P.0. Box 1980, Hobbs, NN 88240

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

DISTRICT III 1000 Rio Brazos Rd., Artoc. 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

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[5-25-96...2-1-96]

- (d) The applicant shall submit a statement attesting that applicant, on or before the same date the application was submitted to the Division, has sent notification to the affected parties by submitting a copy of the application, including a copy of the plat described in Subpart (c) above by certified or registered mail-return receipt in accordance with Rule 1207(6)(a) advising them that if they have an objection it must be filed in writing within twenty days from the date notice was sent. The Division Director may approve the non-standard spacing unit upon receipt of waivers from all said parties or if no said party has entered an objection to the nonstandard spacing unit within 20 days after the Director has received the application. [5-25-64... 2-1-96}
- (e) The Division Director may set any application for administrative approval for a non-standard spacing unit for public hearing. [5-25-64...2-1-96]

(3) <u>Number of Wells Per Spacing Unit in Non-Prorated</u> <u>Gas Pools</u>: Unless otherwise permitted by special pool rules or authorized after notice and hearing, only one (1) well per spacing unit is permitted in non-prorated pools. [5-25-64...2-1-96]

104.E. Form C-102, "Well Location and Acreage Dedication Plat", for any well shall designate the exact legal subdivision allotted to the well and Form C-101, "Application for Permit to Drill, Deepen, or Plug Back", will not be approved by the Division without such proper designation of acreage. [12-29-52...2-1-96]

#### 104.F. UNORTHODOX LOCATIONS

(1) Well locations for producing wells and/or injection wells which are unorthodox based on the well location requirements of Rule 104.C(1)(a) above and which are necessary to permit the completion of an efficient production and injection pattern within a secondary recovery, tertiary recovery, or pressure maintenance project are hereby authorized, provided that any such unorthodox location within such project is no closer than the required minimum orthodox distance to the outer boundary of the lease or the unitized area, nor closer than 10 feet to any quarter-quarter section line or subdivision inner boundary. Such locations shall only require such prior approval as is necessary for an orthodox location. [1-1-50...2-1-96]

### (2) The Division Director shall have authority to

grant an exception to the well location requirements of Sections 104.B and 104.C above or to the well location requirements of special pool rules without notice and hearing when the necessity for such unorthodox location is based upon geologic conditions, archaeological conditions, topographical conditions, or the recompletion of a well previously drilled to a deeper horizon provided said well was drilled at an orthodox or approved unorthodox location for such original horizon. [1-1-82... 2-1-96]

#### (3) Applications for administrative approval of

unorthodox locations pursuant to Rule 104.F(2), above, shall be accompanied by a plat showing the subject spacing unit, its proposed unorthodox well location, the diagonal and adjoining spacing units and/or leases (whichever is applicable) and wells, and a list of affected parties. If the proposed unorthodox location is based upon topography or archaeology, the plat shall also show and describe the existent topographical or archaeological conditions. If the proposed unorthodox location is based upon geology, the application shall include appropriate geologic exhibits and a discussion of the geologic conditions which result in the necessity for the unorthodox location. [2-9-66...2-1-96]

19 NMAC 15.C

- (a) Adjoining and diagonal spacing units shall be defined as those immediately adjacent existing spacing units in the same pool(s) as the proposed unorthodox well and towards which the unorthodox well location encroaches. [2-9-66...2-1-96]
- (b) Affected parties shall be defined as those parties who own interests in leases or operate wells on adjoining or diagonal spacing units and include:
  - (i) the designated operator of any adjoining or diagonal spacing unit producing from the same pool(s) as the proposed well;
  - (ii) in the absence of an operator, all lessees of record of any diagonal or adjoining lease owning interests in the same pool(s) as the proposed well; and
  - (iii) in the absence of an operator or lessee, all owners of record of unleased mineral interests in the same pool(s) as the proposed well.

#### [2-9-66...2-1-96]

(4) The applicant shall submit a statement

attesting that applicant, on or before the same date the application was submitted to the Division, has sent notification to the affected parties by submitting a copy of the application, including a copy of the plat described in Rule 104.F(3) above by certified or registered mail-return receipt in accordance with Rule 1207(A)(5)advising them that if they have an objection it must be filed in writing within twenty days from the date notice was sent. The Division Director may approve the unorthodox location upon receipt of waivers from all said parties or if no said party has entered an objection to the unorthodox location within 20 days after the Director has received the application. [2-9-66...2-1-96]

(5) The Division Director may set any application for administrative approval of an unorthodox location for public hearing, and may require that a directional survey be run in the unorthodox well to establish the actual location of the producing interval(s). [1-1-82...2-1-96]

104.G. Whenever an exception is granted, the Division may take such action as will offset any advantage which the person securing the exception may obtain over other producers by reason of the unorthodox location. [1-1-50...2-1-96]

104.H. If the drilling tract is within an allocated oil pool or is placed within such allocated pool at any time after completion of the well and the drilling tract consists of less than 39 1/2 acres or more than 40 1/2 acres, the top unit allowable for such well shall be increased or decreased in the proportion that the number of acres in the drilling tract bears to 40. [1-1-50...2-1-96]

104.I. If the drilling tract is within an allocated gas pool or is subsequently placed within an allocated gas pool, and the drilling tract consists of less than 158 acres or more than 162 acres in 160-acre pools, or less than 316 acres or more than 324 acres in 320-acre pools, the top allowable for such well shall be decreased or increased in the proportion that the number of acres in the drilling tract bears to a standard spacing unit for the pool. [1-1-50...2-1-96]

104.J. In computing acreage under Rules 104.H and 104.I above, minor fractions of an acre shall not be counted bir \_,1 acre or more shall count as 1 acre. [1-1-50...2-1-96]

104.K. The provisions of Rules 104.H and 104.I above shall apply only

19 NMAC 15.C

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directional 2-26-97 S 3-1-97 F ppg., yield 3-6-97 F Cal-Seal + 1/4#/sx. fit sx. of Cl. " Circ'd 250 4-12-97 .4% CFR- to 11,512' stage w/10 gals/sx fol	y drilled, give subsurface locations and measure Spudded 17 1/2" surface hole @ 3:30 F Ran 14 jts. 13 3/8", 48#, J-55, 8rd, STC 1.34 sq. ft./sx., mixing wter 6.31 gals/s Ran 51 jts 9 5/8", 36#, J-55, 8rd, STC, 2% CaCl2 mixed @ 14.8 ppg., yield 1 ocele + 1#/sx. gilsdonite + 6% gel + 12" C" Neet containing 2% CaCl2 mixed @ sx. of cmt. to the pit. Floats held. o.k. Ran 5 1/2", 17#, S-95, 8rd LTC, new A 3 + 5#/sx gilsonite + .5% Halad -344 + @ 3:00 PM CST w/2250# 4-11-97. F 035 sx. of Cl. C Lite + 1/4#/sx flocele + lowed by 200 sx. of Cl. H Neet mixed @	all pertinet details, and give pertinent dates, including estimated da d and true vertical depths for all markders and zones pertinent to th	Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) alte of starting any proposed work. If well is his work.)* "C" Neet + 2% CaCl2 mixed @ 14.8 Float held o.k. Circ'd to surface. ixotropic "C" containing 10% 1,000 sx. of Cl. "C" Lite containing water 13.03 gals./sx. followed by 250 its./sx. Plug down to 2,158' w/400#. its. of Modified Super "H" containing hixing water 8.50 gals/sx. Plug down isx. of cmt off DV Tool; Cmt'd 2nd 08 sq. ft./sx mixing water 11.38
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directional 2-26-97 S 3-1-97 F ppg., yield 3-6-97 F Cal-Seal + 1/4#/sx. ftd sx. of Cl. " Circ'd 2500 4-12-97 .4% CFR- to 11,512' stage w/10 gals/sx foll @ 8:30 Pl 8:30 Pl	y drilled, give subsurface locations and measures Spudded 17 1/2" surface hole @ 3:30 F Ran 14 jts. 13 3/8", 48#, J-55, 8rd, STC 1.34 sq. ft/sx., mixing wter 6.31 gals/s Ran 51 jts 9 5/8", 36#, J-55, 8rd, STC, 2% CaCl2 mixed @ 14.8 ppg., yield 1 ocele + 1#/sx. gilsdonite + 6% gel + 12° C" Neet containing 2% CaCl2 mixed @ sx. of cmt. to the pit. Floats held. o.k. Ran 5 1/2", 17#, S-95, 8rd LTC, new A 3 + 5#/sx gilsonite + .5% Halad -344 + @ 3:00 PM CST w/2250# 4-11-97. F 035 sx. of Cl. C Lite + 1/4#/sx flocele + lowed by 200 sx. of Cl. H Neet mixed @ M CST 4-11-97. DV Tool closed & hele entify that the foregoing is true and correct	all pertinet details, and give pertinent dates, including estimated da d and true vertical depths for all markders and zones pertinent to th PM CST. C new API casing set @ 600'. Cmt'd w/650 sx. of Cl. sk. Plug down to 558' w/200# @ 2:15 PM 2-28-97. I new API casing set @ 2250'. Cmt'd w/200 sx. of Thi .46 sq. ft./sx., mixing water 6.81 gals./sx. followed by % salt mixed @ 12.4 ppg, yield 2.37 sq. ft/sx, mixing water 9 14.8 ppg., yield 1.34 sq. ft/sx., mixing water 6.31 gal API casing Set @ 11,557'. Cmt'd first stage w/1140 s 3#/sx salt mixed @ 13.00 ppg, yield 1.71 sq. ft./sx, m loats held ok; Opened DV Tool w/3000# & circ. 157 s 1#/sx gilsonite + 6% gel mixed @ 12.4 ppg., yield 2.0 9 15.6 ppg., yield 1.18 sq. ft./sx, mixing water 5.20 ga d ok; Rig released @ 7:00 AM CST 4-12-97.	Adda: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) ale of starting any proposed work. If well is his work.)* "C" Neet + 2% CaCl2 mixed @ 14.8 Float held o.k. Circ'd to surface. ixotropic "C" containing 10% 1,000 sx. of Cl. "C" Lite containing water 13.03 gals./sx. followed by 250 is./sx. Plug down to 2,158' w/400#. ix. of Modified Super "H" containing hixing water 8.50 gals/sx. Plug down ix. of cmt off DV Tool; Cmt'd 2nd D8 sq. ft./sx mixing water 11.38 als./sx. Plug down to 6592' w/3000#
directionall 2-26-97 S 3-1-97 F ppg., yield 3-6-97 F Cal-Seal + 1/4#/sx. fld sx. of Cl. " Circ'd 2500 4-12-97 .4% CFR- to 11,512' stage w/10 gals/sx foll @ 8:30 Pl @ 8:30 Pl 14. I hereby ca Signed (This space for Approved by	y drilled, give subsurface locations and measures Spudded 17 1/2" surface hole @ 3:30 F Can 14 jts. 13 3/8", 48#, J-55, 8rd, STC 1.34 sq. ft./sx., mixing wter 6.31 gals/s Can 51 jts 9 5/8", 36#, J-55, 8rd, STC, 2% CaCl2 mixed @ 14.8 ppg., yield 1 boele + 1#/sx. gilsdonite + 6% gel + 12' C" Neet containing 2% CaCl2 mixed @ sx. of cmt. to the pit. Floats held. o.k. Ran 5 1/2", 17#, S-95, 8rd LTC, new A 3 + 5#/sx gilsonite + .5% Halad -344 + @ 3:00 PM CST w/2250# 4-11-97. F 035 sx. of Cl. C Lite + 1/4#/sx flocele + lowed by 200 sx. of Cl. H Neet mixed @ M CST 4-11-97. DV Tool closed & hele metify that the foregoing is true and correct	all pertinet details, and give pertinent dates, including estimated da d and true vertical depths for all markders and zones pertinent to the PM CST. C new API casing set @ 600'. Cmt'd w/650 ax. of Cl. sk. Plug down to 558' w/200# @ 2:15 PM 2-28-97. If new API casing set @ 2250'. Cmt'd w/200 ax. of Thi .46 sq. ft./sx., mixing water 6.81 gals./sx. followed by % salt mixed @ 12.4 ppg, yield 2.37 sq. ft/sx, mixing w g 14.8 ppg., yield 1.34 sq. ft/sx., mixing water 6.31 gal API casing Set @ 11,557'. Cmt'd first stage w/1140 s 3#/sx salt mixed @ 13.00 ppg, yield 1.71 sq. ft./sx, m loats held ok; Opened DV Tool w/3000# & circ. 157 s 1#/sx gilsonite + 6% gel mixed @ 12.4 ppg., yield 2.0 g 15.6 ppg., yield 1.18 sq. ft./sx, mixing water 5.20 ga d ok; Rig released @ 7:00 AM CST 4-12-97.	Adds: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) ale of starting any proposed work. If well is his work.)* "C" Neet + 2% CaCl2 mixed @ 14.8 Float held o.k. Circ'd to surface. ixotropic "C" containing 10% 1,000 sx. of Cl. "C" Lite containing water 13.03 gals./ax. followed by 250 ils./ax. Plug down to 2,158' w/400#. ix. of Modified Super "H" containing hixing water 8.50 gals/sx. Plug down ax. of cmt off DV Tool; Cmt'd 2nd D8 sq. ft./sx mixing water 11.38 als./ax. Plug down to 6592' w/3000#
directionall 2-26-97 S 3-1-97 F ppg., yield 3-6-97 F Cal-Seal + 1/4#/sx. fld sx. of Cl. " Circ'd 2500 4-12-97 .4% CFR- to 11,512' stage w/10 gals/sx foll @ 8:30 Pl @ 8:30 Pl 14. I hereby ca Signed (This space for Approved by	y drilled, give subsurface locations and measures Spudded 17 1/2" surface hole @ 3:30 F Ran 14 jts. 13 3/8", 48#, J-55, 8rd, STC 1.34 sq. ft/sx., mixing wter 6.31 gals/s Ran 51 jts 9 5/8", 36#, J-55, 8rd, STC, 2% CaCl2 mixed @ 14.8 ppg., yield 1 ocele + 1#/sx. gilsdonite + 6% gel + 12° C" Neet containing 2% CaCl2 mixed @ sx. of cmt. to the pit. Floats held. o.k. Ran 5 1/2", 17#, S-95, 8rd LTC, new A 3 + 5#/sx gilsonite + .5% Halad -344 + @ 3:00 PM CST w/2250# 4-11-97. F 035 sx. of Cl. C Lite + 1/4#/sx flocele + lowed by 200 sx. of Cl. H Neet mixed @ M CST 4-11-97. DV Tool closed & hele entify that the foregoing is true and correct	all pertinet details, and give pertinent dates, including estimated da d and true vertical depths for all markders and zones pertinent to th PM CST. C new API casing set @ 600'. Cmt'd w/650 sx. of Cl. sk. Plug down to 558' w/200# @ 2:15 PM 2-28-97. I new API casing set @ 2250'. Cmt'd w/200 sx. of Thi .46 sq. ft./sx., mixing water 6.81 gals./sx. followed by % salt mixed @ 12.4 ppg, yield 2.37 sq. ft/sx, mixing water 9 14.8 ppg., yield 1.34 sq. ft/sx., mixing water 6.31 gal API casing Set @ 11,557'. Cmt'd first stage w/1140 s 3#/sx salt mixed @ 13.00 ppg, yield 1.71 sq. ft./sx, m loats held ok; Opened DV Tool w/3000# & circ. 157 s 1#/sx gilsonite + 6% gel mixed @ 12.4 ppg., yield 2.0 9 15.6 ppg., yield 1.18 sq. ft./sx, mixing water 5.20 ga d ok; Rig released @ 7:00 AM CST 4-12-97.	Adds: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) also of starting any proposed work. If well is his work.)* "C" Neet + 2% CaCl2 mixed @ 14.8 Float held o.k. Circ'd to surface. ixotropic "C" containing 10% 1,000 sx. of Cl. "C" Lite containing water 13.03 gals./sx. followed by 250 its./sx. Plug down to 2,158' w/400#. its./sx. Plug down to 2,158' w/400#. its. of Modified Super "H" containing hixing water 8.50 gals/sx. Plug down ax. of cmt off DV Tool; Cmt'd 2nd D8 sq. ft./sx mixing water 11.38 als./ax. Plug down to 6592' w/3000# RECORD AMD R GLAS#) Date 05/12/97

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\*See Instruction on Reverse Side

Form 3160-4 (October 1990)			NTED	ST.	ATES .		BMIT IN	DOFL	CATE		OM	<b>1</b> B NO.	1004-0137
	DEPAR	-				•	OR	stru	e other actions	on	Expire	s: Dece	ION AND BERIAL N
		• • • • - •		-	NAGEME	1. a	<u> </u>	rev	erse sid	« <i>'</i> ]			NM 88104
									<u> </u>				TTEE OR TRIBE NAL
	MPLETION	V OR			ETION	REPOR		D LC	)G *				-
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NEW WRLL X	OVER L E		гцра в.КСК	;	DIFF.	Other		MAY	14			199	
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At surface 2370 FNL	& 660' FEI	- -			(†	ril (	ĊĊŕ	1. D	$\mathbb{N}_{2}$	11.	BEC., T., R OR AREA	t., ¥., (	DE BLOCK AND BURY
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2370' FNL	& 660' FEI			14.	PERMIT NO.			1880 ED			COUNTY O	) <b>II</b>	13. STATE
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2-26-97	4-11-97	UG. BACH	5-4-9		22. IF MUL	TIPLE CON	3380	Gr.	TERVAL	8 R01	TARY TOOL	.8	CABLE TOOLS
11,557		,510			HOW N		•		ILLED E	T	11,557		
24. PRODUCINO INTES			TION-TO	 P, BOTTO	DM. NAME (J	ND AND TH	'D)*			10.			. WAS DIRECTIONAL SURVEY MADE
10,144'-10	,159' w/ 2	2 spf											BUEVEI MADE
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CN/GR Micro		RUN		·			•						AS WELL CORED
£9.	o-CFL/GR				CORD ( <i>Rep</i>	ort all str	ings ect in		EMENT.	CEMENTIN			No
CN/GR Micro	O-CFL/GR		DEPTH B		H0	I.E 812E		IOP OF C		CENENTIN Circ	G RECORD		AMOUNT PULLED
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CN/GR Micro CASING SIZE/GRAUE 13 3/8" 9 5/8" 5 1/2" 29.	O-CFL/GR	/FT.	DEPTH 80 600' 2250' 11557 RECORD	ET (MD)	$ \begin{array}{c c}  & & & & & & \\  & & & & & \\  & & & & & $	1.E SIZE ./2 ./4 3/4	650 145 237	SX Cl SX Cl SSX C 5SX T 30.	. C- 1. C 0C 7	Circ - cir ,000' TUBIN	G RECORD . to S C. to	sur sur sur	NO AMOUNT FULLED ace face
CN/GR Micro CASING SIZE/GRAUE 13 3/8" 9 5/8" 5 1/2" 29.	0-CFL/GR 48# 36# 17#	LINER	DEFTH 80 600' 2250' 11557 RECORD	ET (MD)	$ \begin{array}{c c}  & & & & & & \\  & & & & & \\  & & & & & $	1.E SIZE ./2 ./4 3/4	(MD)	30. 30. 31. 30. 31. 30. 31. 31. 31. 31. 31. 31. 31. 31	. C- 1. C 0C 7	Circ - cir ,000' TUBIN DEFTR 10,1	C. to S C. to KG RECO C. to KG RECO C. TO KG RECO	surf sur RD	NO AMOUNT FULLED ace face
CN/GR Micro ES. CASING SIZE/GRADE 13 3/8" 9 5/8" 5 1/2" 29. 0122	0-CFL/GR 48# 36# 17# тог (мd)	LINER	DEFTH 80 600' 2250' 11557 RECORD	ET (MD)	$ \begin{array}{c c}  & & & & & & \\  & & & & & \\  & & & & & $	1.E SIZE /2 /4 3/4 SCREEN 82.	(MD)	10P OF C           SX Cl           0SX C           5SX T           30.           SIZE           2 3/           ID. SHO	. C- 1. C 0C 7 8"	Circ - cir ,000' TUBIN DEPTR 10,1	C. TO S C. TO G RECO C. TO C. TO C. TO C. TO CEMENT	SULT SULT SULT RD >)	NO AMOUNT PULLED ace face Packer set (MD)
CN/GR Micro CN/GR Micro CASING SIZE/GRAUE 13 3/8" 9 5/8" 5 1/2" 10. 5 1/2" 11. FEEFORATION REC	0-CFL/GR 48# 36# 17# тог (мd)	LINER	DEPTH 80 600' 2250' 11557 RECORD M (MD)	ET (MD)	$ \begin{array}{c c}  & & & & & & \\  & & & & & \\  & & & & & $	1.E SIZE /2 /4 3/4 SCREEN 82.	(MD) (MTELEVAL	10P OF C           SX Cl           0SX C           5SX T           30.           SIZE           2 3/           ID. SHO	. C- 1. C 0C 7 8"	Circ - cir ,000' TUBIN DEPTR 10,1	C. TO S C. TO G RECO C. TO C. TO C. TO C. TO CEMENT	SULT SULT SULT RD >)	NO AMOUNT PULLED ace face packer bet (MD) EEZE, ETC.
CN/GR Micro CN/GR Micro CASING SIZE/GRAUE 13 3/8" 9 5/8" 5 1/2" 10. 5 1/2" 11. FEEFORATION REC	0-CFL/GR 48# 36# 17# тог (мd)	LINER	DEPTH 80 600' 2250' 11557 RECORD M (MD)	ET (MD)	$ \begin{array}{c c}  & & & & & & \\  & & & & & \\  & & & & & $	1.E SIZE /2 /4 3/4 SCREEN 82. DEPTH	(MD) (MTELEVAL	10P OF C           SX Cl           0SX C           5SX T           30.           SIZE           2 3/           ID. SHO	. C- 1. C 0C 7 8" E.FR	Circ - cir ,000' TUBIN DEFTR 10,1 CTURE SCD	с RECORD . to s c. to . to s . to s . to . to	SUT SUT RD N SQUT	NO AMOUNT PULLED ACC face PACKER BET (MD) EEZE, ETC. ATTERIAL USED
CN/GR Micro CN/GR Micro CASING SIZE/GRAUE 13 3/8" 9 5/8" 5 1/2" 10. 5 1/2" 11. FEEFORATION REC	0-CFL/GR 48# 36# 17# тог (мd)	LINER	DEPTH 80 600' 2250' 11557 RECORD M (MD)	ET (MD)	$ \begin{array}{c c}  & & & & & & \\  & & & & & \\  & & & & & $	1.E SIZE /2 /4 3/4 SCREEN 82. DEPTH	(MD) (MTELEVAL	10P OF C           SX Cl           0SX C           5SX T           30.           SIZE           2 3/           ID. SHO	. C- 1. C 0C 7 8" E.FR	Circ - cir ,000' TUBIN DEPTR 10,1 CTURE	C. to 5 C. to C. t	SUT SUT RD N SQUT	NO AMOUNT PULLED ACC face PACKER BET (MD) EEZE, ETC. ATTERIAL USED
CN/GR Micro R. CASING SIZE/GRAUE 13 3/8" 9 5/8" 5 1/2" NO. 812E 10,144-10,	0-CFL/GR 48# 36# 17# тог (мd)	LINER	DEPTH 80 600' 2250' 11557 RECORD M (MD)	ET (MD)	но 17 1 12 1 8 3 семент*	1.E SIZE /2 /4 3/4 SCREEN 82. DEPTH n/c	(MD) (MTELEVAL	10P OF C           SX Cl           0SX C           5SX T           30.           SIZE           2 3/           ID. SHO	. C- 1. C 0C 7 8" E.FR	Circ - cir ,000' TUBIN DEFTR 10,1 CTURE SHOURT SCD. 1711 1	C. to C. to	SUT SUT RD N SQUT	NO AMOUNT PULLED ACC face PACKER BET (MD) EEZE, ETC. ATTERIAL USED
CN/GR Micro RS. CASING SIZE/GRADE 13 3/8" 9 5/8" 5 1/2" 29. 81. FEEFORATION REC 10,144-10, 1 83.*	0-CFL/GR	LINER Sorrou	DEFTH BI 600' 2250' 11557 RECORD M (MD)	BACK5	но 17 1 12 1 8 3 семент*	1.E SIZE /2 /4 3/4 SCREEN 82. DEPTH N/5 DU'CTION	(MD) AC IMTEEVAL	ID. SHO	. C- 1. C 0C 7 8" E_FRA \$2,55 \$1,55 \$1,55 \$1,55 \$1,55 \$1,55 \$1,55 \$1,55 \$1,55 \$1,55 \$1,55 \$1,55 \$1,55 \$1,55 \$1,55 \$1,55 \$1,555 \$	Circ - cir ,000' TUBIN DEFTR 10,1 CTURE SCD	CEMENT 41.39 CEMENT 41.39 CEMENT 41.39 CEMENT 41.39 CEMENT 41.39	SUI SUI RD >) SQU	NO AMOUNT PULLED ACC face PACKER BET (MD) EEZE, ETC. ATTERIAL USED
CN/GR Micro R. CASING SIZE/GRAUE 13 3/8" 9 5/8" 5 1/2" BI. FEEFORATION REC 10,144-10, US.*	0-CFL/GR 48# 36# 17# тог (мд) соед (Intervel, e 159 w/ 2 s	LINER LINER Sorto	DEFTH BI 600' 2250' 11557 RECORD M (MD)	BACK5	но 17 1 12 1 8 3 Семент*	1.E SIZE /2 /4 3/4 SCREEN 82. DEPTH N/5 DU'CTION	(MD) AC IMTEEVAL	ID. SHO	. C- 1. C 0C 7 8" E_FRA \$2,55 \$1,55 \$1,55 \$1,55 \$1,55 \$1,55 \$1,55 \$1,55 \$1,55 \$1,55 \$1,55 \$1,55 \$1,55 \$1,55 \$1,55 \$1,55 \$1,555 \$	Circ - cir ,000' TUBIN DEFTR 10,1 CTURE SHOURT SCD. 1711 1	C. to S C. to G. t	SUT SUT RD >) SQU	NO AMOUNT PULLED ACCE FACE PACKER SET (MD) EEZE, ETC. ATERIAL USED I ASS I ASS I'(Producing or
CN/GR Micro R. CASING SIZE/GRAUE 13 3/8" 9 5/8" 5 1/2" R. BIZE 10,144-10, 10,144-10, US.* CASING SIZE 5-5-97	0-CFL/GR 48# 36# 17# тог (мд) соед (Intervel, e 159 w/ 2 s	LINER LINER Soft	DEFTH BI 600' 2250' 11557 RECORD M (MD)	ET (MD)	РКОІ , gas l(ft, pr	1.E SIZE /2 /4 3/4 SCREEN 82. DEPTH N/5 DU'CTION	(MD) (MD) (MD) AC INTERVAL A	ID. SHO	. C- 1. C 0C 7 8" E-ERA SRTC SRTC 	Circ - cir ,000' TUBIN DEFTR 10,1 CTURE SGD 171 1	C. to S C. to G. t	SUI SUI RD >) SQU	NO AMOUNT PULLED ACCE FACE PACKER SET (MD) EEZE, ETC. ATERIAL USED I ASS I ASS I'(Producing or
CN/GR Micro RS. CASING SIZE/GRAUE 13 3/8" 9 5/8" 5 1/2" PD. 812E 81. FEEFORATION REC 10,144-10, 10,144-10, S 5-5-97 PATE OF TEST 5-5-97	0-CFL/GR 48# 36# 17# тог (мд) Соед (Intervel, е 159 w/ 2 s 159 w/ 2 s 159 w/ 2 s 159 w/ 2 s	LINER LINER BOTTO DUCTION I Spf CH 12	DEFTH BI 600' 2250' 11557 RECORD M (MD) RECORD M (MD) M (MD)	Flowing,	РКОІ , дая Шуг, ри	1.E SIZE       ./2       ./4	(MD) (MD) AC INTERVAL A ise and ty L.	100 OF C SX Cl 05X C 55X T 30. 5120 2 3/ (10. SHO (10. SHO (1	C- C- C- C- C- C- C- C- C- C-	Circ - cir ,000' TUBIN DEPTR 10,1 CTURE SHOUNT SCD. SCD. 1711 1 P4 P4 P4	CEMENT AND RECO C. TO C.	RD SUT SUT SUT RD SO SO SO SO SO SO SO SO SO SO SO SO SO	NO AMOUNT PULLED ACC ACC FACE PACKER SET (MD) EEZE, ETC. ATERIAL USED I I I I I I I I I I I I I
CN/GR Micro RS. CASING SIZE/GRADE 13 3/8" 9 5/8" 5 1/2" 29. 81. FEEFORATION REC 10,144-10, 10,144-10, 10,144-10, 5-5-97 DATE OF TEST 5-5-97 TOW. TUBING FEES.	0-CFL/GR 48# 36# 17# тог (мд) Соед (Intervel, е 159 w/ 2 s 159 w/ 2 s 159 w/ 2 s	LINER LINER SOTTO Direc and Spf Sucction I Swing CH 12 RE   CA	DEFTH 81 600' 2250' 11557 RECORD M (MD) NUMBER)	Flow(ng, PRO TES OIL.	РВОГ 17 1 12 1 8 3 СЕМЕНТ* РВОГ РВОС РВОС РВОС РВОС РВОС РВОС РВОС РВОС РВОС РВОС РВО	1.E SIZE /2 /4 3/4 SCREEN SCREEN SCREEN SCREEN SCREEN 0 01L-BB 0 GA	(MD) (MD) (MD) AC INTERVAL A ise and fj L. B-MCF.	10P OF C SX Cl 05X C 55X T 30. 5120 2 3/ 10. SHO (MO) A (C) A (MO) A (C) A	C	Circ - cir ,000' TUBIN DEPTR 10,1 CTURE SHOUNT SCD. - SCD. - - - - - - - - - - - - - - - - - - -	CEMENT AND RECO C. TO C.	RD SUT SUT SUT RD SO SO SO SO SO SO SO SO SO SO SO SO SO	NO AMOUNT PULLED ACCE FACE PACKER SET (MD) EEZE, ETC. ATERIAL USED CIASS I I I I I I I I I I I I I
CN/GR Micro RS. CASING SIZE/GRADE 13 3/8" 9 5/8" 5 1/2" 29. 81. FERFORATION REC 10,144-10, 10,144-10, 10,144-10, 5-5-97 TATE FIRST PRODUCT 5-5-97 TOW. TUBING FROM. 2900psi	0-CFL/GR 48# 36# 17# тог (мр) гоер (Intervel, 4 159 w/ 2 s 159 w/ 2 s 159 w/ 2 s 159 w/ 2 s	LINER LINER SOTTO Here and Spf Sucction in Swing CH 12 CH 24	DEFTH BE 600' 2250' 11557 RECORD M (MD) RECORD M (MD) M (MD)	Flow(ng, CIL.	РКОІ , дая Шуг, ри	1.E SIZE /2 /4 3/4 SCREEN SCREEN SCREEN SCREEN SCREEN 0 01L-BB 0 GA	(MD) (MD) AC INTERVAL A ise and ty L.	10P OF C SX Cl 05X C 55X T 30. 5120 2 3/ 10. SHO (MO) A (C) A (MO) A (C) A	C- C- C- C- C- C- C- C- C- C-	Circ - cir ,000' TUBIN DEFTR 10,1 CTURE SHOURT SGD. 10,1 10,1 10,1 10,1 10,1 10,1 10,1 10,	C. to C. to	RD SUI RD S) SQUI SQUI SQUI SQUI SQUI SQUI SQUI SQUI	NO AMOUNT PULLED ACCE FACE FACE BET (MD) FACE BET (MD) EEZE ETC. CATERIAL USED CATERIAL USED
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CN/GR Micro R. CASING SIZE/GRADE 13 3/8" 9 5/8" 5 1/2" 29. 81ZE 10,144-10, 10,144-10, 10,144-10, 10,144-10, 10,144-10, 2000psi 2900psi 2900psi 2900psi 24. DISPOSITION OF Q CUTTENTLY	0-CFL/GR 48# 36# 17# тог (мд) тог (мд)	LINER LINER SOTTO Spf Spf CH 12 CH 12 CH 24 CH 2 CH 2	DEFTH BE 600' 2250' 11557 RECORD M (MD) RECORD M (MD) M (MD)	Flowing, PRO PRO Flowing, Flowing, TES CIL	Р но 17 1 12 1 8 3 СЕМЕХТ <sup>•</sup> Р ПОП , gas l(ft, pr роб'м гов вт ревнор 	1.E SIZE       ./2       ./4       3/4       SCREEN	(MD) (MD) (MD) AC INTERVAL A ise and ty L. S-MCF. L.516	(MO) ( (MO) (	C	Circ - cir ,000' TUBIN DEPTR 10,1 CTURE (SWOUNT) SCID: (SWOUNT) SCID: (SWOUNT) (SUD)	CEMENT ANG RECO C. TO C. TO G. TO	SUIT SUIT SUIT SUIT SUIT SUIT SUIT SUIT	NO AMOUNT PULLED ACCE FACE PACKER BET (MD) EEZE, ETC. CATERIAL USED CATERIAL CATERIAL USED CATERIAL CATERIAL CATERI

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Fitle 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 United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

		& Chert		& Chert	Chert & Sh	Lime & Shale	& Sand			Lime & Shale	Sand & Shale		& shale	& Sand	eleds 3	Lime	ņ	nite	Lime	Sand & Lime	Surface Rock	FORMATION	37. SUMMARY OF PORO drill-stem, tests, incl recoveries):
LAND MOMI. Loffice			10870;;	10562 10770	10421	9950 10303	9760	9675	9466	0273U	7875	7055	6638	6165	5770	4720	1170	1755	1386	930	0	TOP	US ZONES: (Sh luding depth int
	11557	10770	10967	10770	10562	10303	9950	9760	9675	9466	7975	7875	7055	6638	272	5770	41/0	2770	1755	1386	930	BOTTOM	ow all important zonc erval tested, cushio
										•												DESCRIPTION, CONTENTS, ETC.	SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):
 										Barnett	Lower Morrow	Morrow	Atoka	Strawn		leone spring	Delaware	KB .			NAME		38. GEO
 										11160	11065	10625	10130	9672	0000	40/0	2308	3394			MEAS. DEPTH	ТОР	GEOLOGIC MARKERS

(July 1992)	ART ART OUNI	S. 1st ST. ESIA, NM 88210-28 TED STATES	(Other Instruction Coverse	uctions on	OMB NO. Expires: Feb	PPROVED 1004-0136 muary 28, 1995
	<b>~</b>	T OF THE INTE			5. LEASE DESIGNATIO	
ADD1		F LAND MANAGEME			NM 0554477 6. IF INDIAN, ALLOTT	
APPI	LICATION FOR P	ERMIT TO DRIL	L OR DEEPEN		-	
D	RILL 🖾	DEEPEN 🗌			7. UNIT AGEFEMENT	
b. TYPE OF WELL OIL WELL	CAS WELL X OTHER				Filaree 24 8. FARM OR LEASE NAME	
2. NAME OF OPERATOR	WELL LI VINER		208E QJ 20114			20018
Penwell Ene		141380	2		9. APT WELL NO.	7478
600 N. Mari	enfeld, Ste.	1100 Midland	1. Texas 7970	1	10. FIELD AND POOL Happy Valley	OR WILDCAT
4. LOCATION OF WELL (	(Report location clearly and 376	1 in accordance with any	State requirements.*)			Morrow (
23	10' FNL & 660	' FEL	A Trian 6 m	660	11. SEC., T., R., M., OI AND SURVET OR	R BLK. ABEA
At proposed prod. zo 23	one 10' FNL & 660	· FEL UNIT	H NOV 2 5 1953		Sec. 24, T	-22-S,R-
14. DISTANCE IN MILES	S AND DIRECTION FROM NEA	BEST TOWN OR POST OFFIC	01111 1000		12. COUNTY OR PARIS	
15. DISTANCE FROM PROD			O. OF ACRES IN LEASE	17.'NO. 0	Eddy	<u>N.M.</u>
LOCATION TO NEARES PROPERTY OR LEASE	ST	N.A.	320		118 WELL 320	
18. DISTANCE FROM PRO	DRILLING, COMPLETED.	19. г	ROPOSED DEPTH	20. ROTAR	AT OR CABLE TOULS	
OR APPLIED FOR, ON TH	HIS LEASE, FT.	I.A.	11,600'	Rota	ary 122. APPROL DATE W	1096 WILL STAR
21. ELEVATIONS (Show with 3378	(hether DF, RT, GR, etc.) GR				Oct. 1, 1	
23.		PROPOSED CASING AN	D CEMENTING PROGRA	м	<u></u>	
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	1	QUANTITY OF CEMI	ENT
17_1/2"	Li-40, 13 3/8	48#	600'	500 sl		leet - Ci
	1 .	1		1		
12_1/4" 8_3/4"	L-80 & S-95	<u> </u>	2400' 11600' 6	900_51 00 sk:	k <u>s Cl. C Lı</u> s. Cl. H	teCır
8 3/4" 13 3/8" csg. 9 5/8" csg. Circulate cm		51/2' 17# sks. Cl. C N sks Cl. C Lite	11600' 6 eet w/2% CaCl e + 200 sks.	00 sk: 1 <sub>2</sub> . Cin Cl. C	s. Cl. H rculate cmt Neet w/2%	CaCl <sub>2</sub>
8 3/4" 13 3/8" csg. 9 5/8" csg. Circulate cm	L-80 & S-95 . cmt'd w/500 cmt'd w/700 s nt. to surface cmt'd w/600 s	51/2' 17# sks. Cl. C N sks Cl. C Lite	11600' 6 eet w/2% CaCl e + 200 sks. timated TOC 7	00 sk: 1 <sub>2</sub> . Cin Cl. C	s. Cl. H rculate cmt Neet w/2%	. to sur CaCl <sub>2</sub>
8 3/4" 13 3/8" csg. 9 5/8" csg. Circulate cm 5 1/2" csg. ABOVE SPACE DESCRIB	L-80 & S-95 . cmt'd w/500 cmt'd w/700 s nt. to surface cmt'd w/600 s	51/2 17# sks. Cl. C N sks Cl. C Lite sks Cl. H. Es sks Cl. H. Es construction of the state state of the state of the state of the state state of the state of the state of the state state of the state of the state of the state of the state state of the state of	eet w/2% CaCl e + 200 sks. timated TOC 7	d00 sks L2. Cin Cl. C 7,000'.	s. Cl. H rculate cmt Neet w/2%	caCl <sub>2</sub>
8 3/4" 13 3/8" csg. 9 5/8" csg. Circulate cm 5 1/2" csg. ABOVE SPACE DESCRIB epen directionally, give perting SIGNED	L-80 & S-95 . cmt'd w/500 cmt'd w/700 s nt. to surface cmt'd w/600 s	51/2 17# sks. Cl. C N sks Cl. C Lite sks Cl. H. Es sks Cl. H. Es construction of the state state of the state of the state of the state state of the state of the state of the state state of the state of the state of the state of the state state of the state of	11600' 6 eet w/2% CaCl e + 200 sks. timated TOC 7	d00 sks L2. Cin Cl. C 7,000'.	s. Cl. H rculate cmt Neet w/2%	caCl <sub>2</sub> .
8 3/4" 13 3/8" csg. 9 5/8" csg. Circulate cm 5 1/2" csg. ABOVE SPACE DESCRIB epen directionally, give perting SIGNED Concerned for Feder	L-80 & S-95 . cmt'd w/500 cmt'd w/700 s nt. to surface cmt'd w/600 s BE PROPOSED PROGRAM: If p inent data on subsurface locations Da OPma	5 1/2 17 # sks. Cl. C No sks Cl. C Lite sks Cl. H. Es sks Cl. H. Es sks Cl. H. Es troposal is to deepen, give data s and measured and true vertica	11600' 6 eet w/2% CaCl e + 200 sks. timated TOC 7 and on present productive zone a of depths. Give blowout preven roduction Ana	d00 sks L2. Cin Cl. C 7,000'.	s. Cl. H rculate cmt Neet w/2%	caCl <sub>2</sub> .
8 3/4" 13 3/8" csg. 9 5/8" csg. Circulate cm 5 1/2" csg. 5 1/2" csg. ABOVE SPACE DESCRIB conditionally, give perting SIGNED Control Feder PERMIT NO.	L-80 & S-95 . cmt'd w/500 cmt'd w/700 s nt. to surface cmt'd w/600 s BE PROPOSED PROGRAM: If p inent data on subsurface locations where the subsurface locations where subsurface locations where the subsurface loca	5 1/2 17 # sks. Cl. C No sks Cl. C Lite sks Cl. H. Es sks Cl. H. Es roposal is to deepen, give data s and measured and true vertica	11600' 6 eet w/2% CaCl e + 200 sks. timated TOC 7 cmil	d00 sks L <sub>2</sub> . Cin Cl. C 7,000'.	s. Cl. H rculate cmt Neet w/2%	. to sur CaCl <sub>2</sub> .

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<sup>\*</sup>See Instructions On Reverse Side

Form 3160-5 June 1990)		ITED STATES	FORM APPROVED Budget Bureau No. 1004-0135
une 1970j		NT OF THE INTERIOR LAND MANAGEMENT	Expires: March 31, 1993 5. Lease Designation and Serial No.
			NM0554477 & NM88104
Do not use this for	rm for proposals to dr	AND REPORTS ON WELLS rill or to deepen or reentry to a different reservoi R PERMIT—" for such proposals	6. If Indian, Allottee or Tribe Name r.
	SUBMIT	IN TRIPLICATE	7. If Unit or CA. Agreement Designation
1. Type of Well Oil Gas Well Well	Other		Filaree 24 Fed. Com.
<ol> <li>Name of Operator</li> <li>Penwell Ener</li> <li>Address and Telephone No.</li> </ol>		(915) 683-2534	9. API Well No.
600 N. Marie		100, Midland, Texas 79705	10. Field and Pool, or Exploratory Area
		escription) 24, T=22-S,R=25-E	MCKittrick Morrow
			Eddy, New Mexico
2. CHECK AF	PPROPRIATE BOX(s	s) TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SU			N
XX Notice of In	ntent		Change of Plans
		Recompletion	New Construction
Ц. Зирэсцияна	Report	Plugging Back	Water Shut-Off
Final Aband	donment Notice	Altering Casing	Conversion to Injection
	1	Cher Other	Dispose water
give subsurface location	ns and measured and true vertical	pertinent details, and give pertinent dates, including estimated date of start I depths for all markers and zones pertinent to this work.)*	
give subsurface location CHANGE LOCATI Sec. 24, T225 New location road and 76' Phillips Petr	is clear of a North of the roleum, there	pertinent details, and give pertinent dates, including estimated date of start	Completion or Recompletion Report and Log form.) ting any proposed work. If well is directionally drille IL & 660 FEL of The of the County purried. Per a portion of our dril
give subsurface location CHANGE LOCATI Sec. 24, T225 New location road and 76' Phillips Petr	is clear of a North of the roleum, there	pertinent details, and give pertinent dates, including estimated date of start a depths for all markers and zones pertinent to this work.)* O' FNL & 660' FEL TO: 2370' FN all arch sites and is 150' Nor Phillips pipeline; which is b	Completion or Recompletion Report and Log form.) ting any proposed work. If well is directionally drille IL & 660' FEL of The of the County purried. Per a portion of our drill ARA C THE CONTRACTOR CONT
give subsurface location CHANGE LOCATI Sec. 24, T225 New location road and 76'	is clear of a North of the roleum, there	pertinent details, and give pertinent dates, including estimated date of start al depths for all markers and zones pertinent to this work.)* O' FNL & 660' FEL TO: 2370' FN all arch sites and is 150' Nor Phillips pipeline; which is b is no problem with us having	Completion or Recompletion Report and Log form.) ting any proposed work. If well is directionally drille IL & 660' FEL of The of the County purried, Per a portion of our drill ARA C THE CO CO THE CO CO THE CO CO THE CO CO CO CO CO CO CO CO CO CO CO CO CO
give subsurface location CHANGE LOCATI Sec. 24, T225 New location road and 76' Phillips Petr pad over the	is clear of a North of the pipeline.	pertinent details, and give pertinent dates, including estimated date of start al depths for all markers and zones pertinent to this work.)* O' FNL & 660' FEL TO: 2370' FN all arch sites and is 150' Nor Phillips pipeline; which is b is no problem with us having	Completion or Recompletion Report and Log form.) ting any proposed work. If well is directionally drille IL & 660' FEL of The County ourried. Per a portion of our drill ARA CONT
give subsurface location CHANGE LOCATI Sec. 24, T225 New location road and 76' Phillips Petr	is clear of a North of the pipeline.	pertinent details, and give pertinent dates, including estimated date of start al depths for all markers and zones pertinent to this work.)* D' FNL & 660' FEL TO: 2370' FN all arch sites and is 150' Nor Phillips pipeline, which is b is no problem with us having MCV 35133	Completion or Recompletion Report and Log form.) ting any proposed work. If well is directionally drille IL & 660' FEL of The County ourried. Per a portion of our drill ARA CONT

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\*See instruction on Reverse Side

DISTRICT I P.O. Box 1980, Hobbs, NM 68240

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

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

Energy, Minerals and Natural Resources Department

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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

D AMENDED REPORT

WELL LOCATION A	IND	ACREAGE	DEDICATION	PLAT
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30-0	Number	9280	78	Pool Code	, ;	tap	Py Valley	Pool Name	ow GAS	- <u></u> ******
Property			<u> </u>	<u> </u>	Propert		eral Com.	)	Well Ny	ımber
OGRID N	ío.				Operato				Eleval	lion
14738	0			1	Penwell E	ner	gy Inc.		338	0'
					Surface	Loc	ation			•
UL or lot No.	Section	Township	Range	Lot Idn	Feet from	the	North/South line	Feet from the	East/West line	County
н	24	22 S	25 E		2370	)	North	660	East	Eddy
			Bottom	Hole Lo	cation If 1	Diffe	rent From Sur	face		
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 or	r Infill Cor	usolidation (	Code Or	der No.					
320							4			
NO ALLO	WABLE W	ILL BE AS	SIGNED 1	THIS	COMPLETIO	N U	NTIL ALL INTER	ESTS HAVE BE	EN CONSOLIDA	TED
							APPROVED BY 1			
[				·		<b>T</b>			R CERTIFICAT	
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								best of my know	ledge and belief	
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						1 +	2370	Signature	m off	
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	1					1		11	ion Analys	s+
1						1 3	376.1' 3370.0'	Title		
	]		1			1 3.	3/0.1 1	September Date	er 30, 199	
	1					 	660	Date		
		<u></u>				   <u>33</u>	883.8' <u>3379.8'</u>	SURVEYOR	R CERTIFICATI	ON
	I					i		11	that the well locate plotted from field	
	[		1			1			nade by me or w	
	{		1			f I			that the same is best of my behaf.	true and
						<b>!</b>		Senter	ber 19, 1996	
	1				l			Date Surveyed		{
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	!							120	China.	号
			ł					12 rent	Con r la	
					1			w.d.	No. 63750	<u>·                                    </u>
	1				}			Certificate No.	Gary L. Jones	7977
					ł			Bas	N SUEVENS	

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

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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

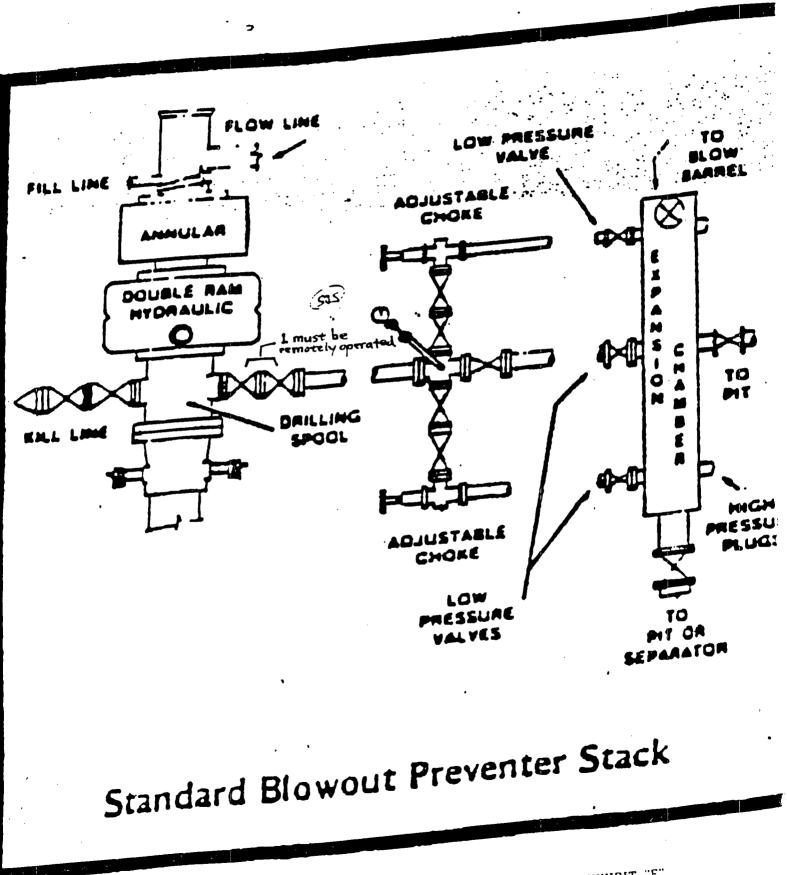
Form C-102 Revised February 10, 1994 Instruction on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

## OIL CONSERVATION DIVISION

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

□ AMENDED REPORT

	WELL LO	CATION AND	ACRE	AGE DEDICATI	ON PLAT		
API Number		Pool Code			Pool Name		
				<u>McKittric</u>	k Morrow		
Property Code			operty Nan			Weli Nu	mber
				deral Com.	Survey and the second s	1	<u></u>
OGRID No. 147380		-	erator Nam	_r *		Elevat	
14/360			II Ener			337	0
		Surf	ace Loc		(	<u>)</u>	
UL or lot No. Section	Township Range	1 1	from the	North/South line	Feet from the	East/West line	County
H 24	22 S 25 E	2	310	North	660	East	Eddy
	Bottom	Hole Location	If Diffe	erent From Surf	ace /		
UL or lot No. Section	Township Range	Lot Idn Feet i	from the	North/South line	Feet from the	East/West line	County
					$\mathcal{C}$ .		
bedicated Acres Joint or	Infill Consolidation (	Côde Order No.	i	X X Z		<b>_</b>	
320	and the second sec				ستر در ستر در		
NO ALLOWARIE W	ILL BE ASSIGNED 1	THIS COMPL	FTION L	INTINALI INTER	FSTS HAVE BE	FN CONSOLIDA	 TED
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Examiner Hearing - July 10, 1997 Docket No. 20-97 Page 7 of 10

CASE 11814: In the matter of the hearing called by the Oil Conservation Division upon its own motion for an order creating, contramination extending certain pools in Chaves and Eddy Counties, New Mexico.

· j · \*

(a) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Upper Pennsylvanian production and description and description

TOWNSHIP 23 SOUTH. RANGE 26 EAST. NMPM Section 13: S/2

(b) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated an Ibre West Catclaw Draw-Morrow Gas Pool. The discovery well is the Marbob Energy Corporation Como Fee Well No. 1 in the Unit F of Section 17, Township 21 South, Range 25 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH. RANGE 25 EAST. NMPM Section 17: W/2

(c) CREATE a new pool in Chaves County, New Mexico, classified as a gas pool for Mississippian production and de algorithm is the Chisum-Mississippian Gas Pool. The discovery well is the Plains Radio Petroleum Corporation Plains "16" State Well No. 1 located in Unit B of Section 16, Township 11 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 11 SOUTH. RANGE 28 EAST. NMPM Section 16: N/2

(d) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production and designation with the Cottonwood Creek-Strawn Gas Pool. The discovery well is the Yates Petroleum Corporation Cottonwood "KI" Feddual Com. Well No. 1 located in Unit J of Section 17, Township 16 South, Range 25 East, NMPM. Said pool would complete the Section 17, Township 16 South, Range 25 East, NMPM.

TOWNSHIP 16 SOUTH. RANGE 25 EAST. NMPM Section 17: S/2

(e) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated in Morrow Gas Pool. The discovery well is the Texaco Exploration and Production, Inc. Skelly Unit Well No. 9511 Invitied in Unit E of Section 15, Township 17 South, Range 31 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH. RANGE 31 EAST. NMPM Section 15: W/2

(f) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Spring production and designation Unit Gatuna Canyon-Bone Spring Pool. The discovery well is the Hanley Petroleum Inc. Adams Federal Well No. 1 log Unit N of Section 31, Township 19 South, Range 31 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH. RANGE 31 EAST. NMPM Section 31: SW/4

(g) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designing as the Southeast La Huerta-Atoka Gas Pool. The discovery well is the Cities Service Company Government 'AD' Well New Mexico, classified as a gas pool for Atoka production and designing as the Southeast La Huerta-Atoka Gas Pool. The discovery well is the Cities Service Company Government 'AD' Well New Mexico, classified as a gas pool for Atoka production and designing as the Southeast La Huerta-Atoka Gas Pool. The discovery well is the Cities Service Company Government 'AD' Well New Mexico, classified as a gas pool for Atoka production and designing as the Southeast La Huerta-Atoka Gas Pool. The discovery well is the Cities Service Company Government 'AD' Well New Mexico, classified as a gas pool for Atoka production and designing as the Southeast La Huerta-Atoka Gas Pool. The discovery well is the Cities Service Company Government 'AD' Well New Mexico, classified as a gas pool for Atoka production and designing as the Southeast La Huerta-Atoka Gas Pool. The discovery well is the Cities Service Company Government 'AD' Well New Mexico, classified as a gas pool for Atoka production and designing as the Cities Service Company Government 'AD' Well New Mexico, classified as a gas pool for Atoka production and designing as the Cities Service Company Government 'AD' Well New Mexico, classified as a gas pool for Atoka production and designing as the Cities Service Company Government 'AD' Well New Mexico, classified as a gas pool for Atoka production and designing as the Cities Service Company Government 'AD' Well New Mexico, classified as a gas pool for Atoka production and the classified as a gas pool for Atoka production and the classified as a gas pool for Atoka production and the classified as a gas pool for Atoka production and the classified as a gas pool for Atoka production and the classified as a gas pool for Atoka production and the classified as a gas pool for Atoka producting as a gas pool for Atoka

TOWNSHIP 21 SOUTH. RANGE 27 EAST. NMPM Section 27: N/2

TOWNSHIP 21 SOUTH. RANGE 22 EAST. NMPM Section 5: Lots 13, 14, 15, 16, and S/2

## Examiner Hearing - July 10, 1997 Docket No. 20-97 Page 8 of 10

CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the East McKittrick Hills-Atoka Gas Pool. The discovery well is the Mitchell Energy Corporation McKittrick "30" Federal Well No. 1 located in Unit C of Section -30, Township 22 South, Range 26 East, NMPM. Said pool would comprise:

TOWNSHIP 22 SOUTH. RANGE 25 EAST. NMPM Section 24: E/2

(i)

TOWNSHIP-22-SOUTH. RANGE 26 EAST. NMPM Section 19: S/2 Section 30: N/2

(j) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the North Parkway-Wolfcamp Pool. The discovery well is the Southland Royalty Company Parkway "B": State Well No. 1 located in Unit I of Section 15, Township 19 South, Range 29 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH. RANGE 29 EAST. NMPM Section 15: SE/4

(k) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Spring production and designated as the South Pierce Crossing-Bone Spring Pool. The discovery well is the Nearburg Producing Company Ruby "30" State Com. Well No. 1 located in Unit O of Section 30, Township 24 South, Range 29 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH. RANGE 29 EAST. NMPM Section 30: SE/4

 CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Pennsylvanian production and designated as the Rock Tank-Upper Pennsylvanian Gas Pool. The discovery well is the Mineral Technologies, Inc. Dark Canyon Well No. 1 located in Unit D of Section 18, Township 23 South, Range 25 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH. RANGE 25 EAST. NMPM Section 18: N/2

(m) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Southeast Rocky Arroyo-Morrow Gas Pool. The discovery well is the Penwell Energy, Inc. Wagon Wheel "22" Federal Unit Well No. 1 located in Unit G of Section 22, Township 22 South, Range 22 East, NMPM. Said pool would comprise:

TOWNSHIP 22 SOUTH. RANGE 22 EAST. NMPM Section 22: N/2

(n) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Seven Rivers Hills-Atoka Gas Pool. The discovery well is the Fasken Oil and Ranch, Ltd. Mobil "10" Federal Well No. 1 located in Unit M of Section 10, Township 21 South, Range 24 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH. RANGE 24 EAST. NMPM Section 10: S/2

(o) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Pennsylvanian production and designated as the Sheep Draw-Upper Pennsylvanian Gas Pool. The discovery well is the Louis Dreyfuss Natural Gas Corporation Squaw Federal Well No. 3 located in Unit K of Section 1, Township 23 South, Range 25 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH. RANGE 25 EAST. NMPM Section 1: W/2

(p) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Delaware production and designated as the North Shugart-Delaware Pool. The discovery well is the Harvey E. Yates Company Can-Ken "4" Federal Well No. 2 located in Unit G of Section 4, Township 18 South, Range 31 East, NMPM. Said pool would comprise:

TOWNSHIP 18 SOUTH. RANGE 31 EAST. NMPM Section 4: NE/4

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	<u> </u>	Page 9 of 10
	(q)	CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the Southwest White City-Wolfcamp Gas Pool. The discovery well is the Inexco Oil Company Southland State Well No. 1 located in Unit J of Section 32, Township 25 South, Range 25 East, NMPM. Said pool would comprise:
		TOWNSHIP 25 SOUTH, RANGE 25 EAST, NMPM Section 32: E/2
	(r)	CONTRACT the Cottonwood Creek-Wolfcamp Gas Pool in Eddy County, New Mexico by the deletion of the following described area:
		TOWNSHIP 16 SOUTH. RANGE 25 EAST. NMPM Section 17: S/2 Section 20: N/2
	(s)	EXTEND the Angell Ranch-Atoka-Morrow Gas Pool in Eddy County, New Mexico, to include therein:
		TOWNSHIP 20 SOUTH. RANGE 28 EAST. NMPM Section 7: N/2
	(t)	EXTEND the West Antelope Sink-Abo Pool in Eddy County, New Mexico, to include therein:
		TOWNSHIP 18 SOUTH. RANGE 21 EAST. NMPM Section 24: NE/4
	(u)	EXTEND the North Dagger Draw-Upper Pennsylvanian Pool in Eddy County, New Mexico, to include therein:
		TOWNSHIP 19 SOUTH. RANGE 25 EAST. NMPM Section 22: SE/4
	(v)	EXTEND the South Empire-Morrow Gas Pool in Eddy County, New Mexico, to include therein:
		TOWNSHIP 17 SOUTH. RANGE 29 EAST. NMPM
		Section 5: E/2
		Section 8: E/2
	( <b>w</b> )	EXTEND the Herradura Bend-Delaware Pool in Eddy County, New Mexico, to include therein:
		TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM Section 25: E/2
	(x)	EXTEND the North Illinois Camp-Morrow Gas Pool in Eddy County, New Mexico, to include therein:
·		TOWNSHIP 18 SOUTH. RANGE 28 EAST. NMPM Section 21: S/2
	(y)	EXTEND the East Indian Basin-Morrow Gas Pool in Eddy County, New Mexico, to include therein:
		TOWNSHIP 21 SOUTH. RANGE 23 EAST. NMPM Section 13: W/2
	(z)	EXTEND the Indian Basin-Strawn Gas Pool in Eddy County, New Mexico, to include therein:
		TOWNSHIP 21 SOUTH, RANGE 24 EAST, NMPM Section 10: S/2
		9 .

# Examiner Hearing - July 10, 1997 Docket No. 20-97 Page 10 of 10

(aa) EXTEND the Logan Draw-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH. RANGE 27 EAST. NMPM Section 22: S/2 Section 23: S/2

(bb) EXTEND the West Lost Tank-Delaware Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH. RANGE 31 EAST. NMPM Section 33: NE/4

(cc) EXTEND the Penasco Draw-Upper Pennsylvanian Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH. RANGE 25 EAST. NMPM Section 4: SW/4

(dd) EXTEND the East Pierce Crossing-Bone Spring Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH. RANGE 29 EAST. NMPM Section 13: SW/4

(ee) EXTEND the Red Lake-Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH. RANGE 27 EAST. NMPM Section 33: NE/4 Section 34: NE/4

(ff) EXTEND the North Runyan Ranch-Abo Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH. RANGE 23 EAST. NMPM Section 31: NE/4 Section 32: NW/4

(gg) EXTEND the Sand Tank-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH. RANGE 29 EAST. NMPM Section 36: W/2

(hh) EXTEND the North Turkey Track-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH. RANGE 28 EAST. NMPM Section 34: E/2

TOWNSHIP 19 SOUTH. RANGE 29 EAST. NMPM Section 5: S/2 Section 6: All

(ii) EXTEND the Willow Lake-Delaware Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 25 SOUTH. RANGE 28 EAST. NMPM Section 1: NW/4

IN THE ABSENCE OF OBJECTION, THIS CASE WILL BE TAKEN UNDER ADVISEMENT.