Suly 1992)	.*	DEPAR BUI	TME	NT OF	THE	INTER	SUBMIT RIOR	'IN DU	(See of struction reverse	ns on	FORM APPROVED OMB NO. 1004-0137 Expires: February 28, 1995 5. LEASE DESIGNATION AND SERIAL NO. NM-86024 6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
WELL C	OMI	PLETION	N OR	RECC	MPLI	ETION	REPO	RT AN	ND LO	G*	6. IF II	NDIAN, A	KLOTTEE	OR TRIBE NAME
a. TYPE OF WELL	L:		WETT X	GAS		DRY 🗌	Other <	62728	29 30		7. UNI	T AGRE	EMENT N	AMF
b. TYPE OF COM		.w.				IFF.	\\ \(\sigma^2 \)	<u> </u>	-3037		'' '''			
MEN D		WORK OVER	DEEP.	PLUG BACK	L Ri	ESVR.	Other			\	8. FAF	MORL	EASE NAI	ME, WELL NO.
. NAME OF OPER							107 159	44	yşg	23		Coc	hiti "28"	Fed. #1
Penwell Ene						•	<u> 161</u>	RECEIV		57	9. API	WELL N		
600 N.Marie			Midlan	d, TX 79	9701: 91	1 5- 683-25	53 4 00	CD - AR		6)			0-015-3	
LOCATION OF V	VELL (F	Report location	clearly an	d in accords	ence with a	uny State req	ulrements)"			3/5.	Lagu	HOAND	2 POOL O 2 PJ L PJ	R WILDCAT
At surface		60' E A/I - C -	- 20 7	- 220 17	205		OF LI		1211101	"				LOCK AND SURVE
1980' FNI At top prod, int	L, & bt	60' FWL, Se	C. 28, 1	-23S, R-2	29E	•	1.3	LSIFLE	1217			AREA	, m., OK B	ROCK AND SURVE
Same as	a bove	•										Sec.	28, T-23	3S, R-29E
At total depth	aha	,			_14F	ERMIT NO.		DATE	SSUED		ì			-13,-STATE
Same as								1				dy Co.		
5. DATE SPUDDE 05/03/98	D 1	16. DATE T.D. R 05/27/98	EACHED		te compl. 29/98	. (Ready to	prod.) 1	I8. ELEVA	tions (df.) 2995		T, GE, E1	c.r	19. ELE	V. CASINGHEAD
0. TOTAL DEPTH	MOS		IIG PACI	K T.D., MD &		2 IF MI I TH	PLE COMPL.,		2993 23. INTERV		POTAR	Y TOOL	•	CABLE TOOLS
10,18				736'		HOW MAI			DRILLE			X		
4. PRODUCING I						AME (MD A	ינסעד סא					_		AS DIRECTIONAL
6,210' - 6,230	0', (1	SPF - 21 ho	oles), Br	ushy Can	iyon								31	URVEY MADE Yes
6. TYPE ELECTR														WELL CORED
												1		Yes
	ADE	WEIGHT, LB.	ACFL/G				ort all atring E SIZE		well) OF CEME	NT, CEI	MENTIN	3 RECO	ORD	Yes AMOUNT PULLED
ASING SIZE/GR.	ADE	WEIGHT, LB.		CAS DEPTH SE	ET (MD)	HOL	E SIZE 17 1/2"	440	OF CEME	2% C	aCI			AMOUNT PULLED Circ 85 sx to pi
28. CASING SIZE/GR. 13 3/8" 8 5/5"	ADE	WEIGHT, LB. 48# 32#	FT.	DEPTH SE	ET (MD) 13'	HOL	E SIZE 17 1/2" 11"	440 875	SX. "C" +	2% Ca te + 20	aCI 00 sx."(C" Nee	t	AMOUNT PULLED Circ 85 sx to pi
ASING SIZE/GR.	ADE	WEIGHT, LB.	FT.	CAS DEPTH SE	ET (MD) 13'	HOL	E SIZE 17 1/2"	TOP 440 875 330 s	SX. "C" + SX. "C" Lir SX. Modifie	2% Ca te + 20 d "H" +	aCI 00 sx."(+ 820 sx	C" Nee	t	AMOUNT PULLED Circ 85 sx to pi
13 3/8" 8 5/5"	ADE	WEIGHT, LB. 48# 32#	IFT.	DEPTH SE	16' 180	HOL	E SIZE 17 1/2" 11"	10P 440 875 330 s + 50	SX. "C" +	2% Ca te + 20 d "H" +	aCI 00 sx."(+ 820 sx	C" Nee , "C" Li	t ite	AMOUNT PULLED Circ 85 sx to pi
23 13 3/8" 8 5/5"		WEIGHT, LB. 48# 32#	IFT.	CAS DEPTH SE 40 29 10,	ET (MD) 16' 180	HOL	E SIZE 17 1/2" 11"	330 s + 50	SX. "C" + SX. "C" Li SX. Modifie O SX, Mod SIZE	2% Cate + 20 d "H" + diffied "	CI 00 sx."(820 sx H" TUBING	C" Nee , "C" Li RECO	it ite	AMOUNT PULLED Circ 85 sx to pi
24 SING SIZEAGR 13 3/8" 8 5/5"		WEIGHT, LB. 48# 32# 5 1/2"	IFT.	CAS DEPTH SE 40 29 10,	ET (MD) 16' 180	HOL	E SIZE 17 1/2" 11" 7 7/8"	330 s + 50	SX. "C" + SX. "C" Li SX. Modifie O SX, Mod 30.	2% Cate + 20 d "H" + diffied "	CI 00 sx."(820 sx H" TUBING	C" Nee , "C" Li	it ite	AMOUNT PULLED Circ 85 sx to pi Circ 85 sx, to pi 60 sx, to Surface
23 3/8" 13 3/8" 8 5/5"	TO	WEIGHT, LB. 48# 32# 5 1/2"	LINEF	CAS DEPTH SE 40 29 10, R RECORD DM (MD)	ET (MD) 16' 180	HOL	E SIZE 17 1/2" 11" 7 7/8"	TOP 440: 875: 330: + 50	P OF CEME SX. "C" + SX. "C" Li SX. Modifie 10 SX, Mod 30. SIZE 27/8"	2% Cate + 20 d "H" + diffied "	CI OO SX."(820 SX H" TUBING DEPTH	C" Nee ; "C" Li RECO SET (MC	RD	AMOUNT PULLED Circ 85 sx to pi Circ 85 sx. to pi 60 sx. to Surface
23 3/8" 8 5/5" SIZE 31. PERFORATION	TO N RECO	WEIGHT, LB. 48# 32# 5 1/2" OP (MD)	LINER BOTTO	CAS DEPTH SE 40 29 10, R RECORD DM (MD)	ET (MD) 16' 180	HOL	E SIZE 17 1/2" 11" 7 7/8" SCREEN (1	TOP 440: 875: 330: + 50	P OF CEME: SX. "C" + SX. "C" Li SX. Modifie 10 SX, Mod 30. SIZE 2 7/8" D, SHOT, F	2% Cate + 20 Id "H" + diffied "	aCI 00 sx."(+ 820 sx H" TUBING DEPTH 9	C" Nee , "C" Li RECO SET (MC 93.81	RD SQUEEZE	AMOUNT PULLED Circ 85 sx to pi Circ 85 sx. to pi 60 sx. to Surface
23 3/8" 8 5/5" SIZE 31. PERFORATION	TO N RECO	WEIGHT, LB. 48# 32# 5 1/2"	LINER BOTTO	CAS DEPTH SE 40 29 10, R RECORD DM (MD)	ET (MD) 16' 180	HOL	E SIZE 17 1/2" 11" 7 7/8" SCREEN (I	TOP 440 875 330 s + 50	P OF CEME: SX. "C" + SX. "C" Lir SX. Modifier 10 SX,	2% Cate + 20 dd "H" + ddified "	CI OO SX."C + 820 SX H" TUBING DEPTH: 609 URE, CE	C" Nee , "C" Li RECO SET (ME 93.81 MENT S	RD D) I	AMOUNT PULLED Circ 85 sx to pi Circ 85 sx, to pi 60 sx, to Surface PACKER SET (MD
23 3/8" 8 5/5" SIZE 31. PERFORATION	TO N RECO	WEIGHT, LB. 48# 32# 5 1/2" OP (MD)	LINER BOTTO	CAS DEPTH SE 40 29 10, R RECORD DM (MD)	ET (MD) 16' 180	HOL	E SIZE 17 1/2" 11" 7 7/8" SCREEN (I	TOP 440: 875: 330: + 50: MD) :	P OF CEME: SX. "C" + SX. "C" Lir SX. "C" Lir SX. Modifie 0 SX, Mod 30. SIZE 2 7/8" D, SHOT, F (MD)	2% Cate + 20 te + 20 t	aCI 00 sx."(820 sx H" TUBING DEPTH: 609 JRE, CE WOUNT A	C" Nee ; "C" Li RECO SET (MC 93.81 MENT S MD KINI WY-T of	RD RD SQUEEZE D OF MATI	AMOUNT PULLED Circ 85 sx. to pi 60 sx. to Surface PACKER SET (MD E, ETC. ERIAL USED ng 45,000# 5,000# 16/30
23 3/8" 8 5/5" SIZE 31. PERFORATION	TO N RECO	WEIGHT, LB. 48# 32# 5 1/2" OP (MD)	LINER BOTTO	CAS DEPTH SE 40 29 10, R RECORD DM (MD)	ET (MD) 16' 180	HOL	E SIZE 17 1/2" 11" 7 7/8" SCREEN (I	TOP 440: 875: 330: + 50: MD) :	P OF CEME: SX. "C" + SX. "C" Lir SX. "C" Lir SX. Modifie 0 SX, Mod 30. SIZE 2 7/8" D, SHOT, F (MD)	2% Cate + 20 te + 20 t	aCI 00 sx."(820 sx H" TUBING DEPTH: 609 JRE, CE WOUNT A	C" Nee ; "C" Li RECO SET (MC 93.81 MENT S MD KINI WY-T of	RD RD SQUEEZE D OF MATI	AMOUNT PULLED Circ 85 sx. to pi 60 sx. to Surface PACKER SET (MD E, ETC. ERIAL USED ng 45,000# 5,000# 16/30
23. SIZE 31. PERFORATION 6,210' -	TO N RECO	WEIGHT, LB. 48# 32# 5 1/2" OP (MD)	LINER BOTTO	CAS DEPTH SE 40 29 10, R RECORD DM (MD)	ET (MD) 16' 180	HOL	E SIZE 17 1/2" 11" 7 7/8" SCREEN (I 32. DEPTH I 62	TOP 440: 875: 330: + 50: MD) :	P OF CEME: SX. "C" + SX. "C" Lir SX. "C" Lir SX. Modifie 0 SX, Mod 30. SIZE 2 7/8" D, SHOT, F (MD)	2% Cate + 20 te + 20 t	aCI 00 sx."(820 sx H" TUBING DEPTH: 609 JRE, CE WOUNT A	C" Nee ; "C" Li RECO SET (MC 93.81 MENT S MD KINI WY-T of	RD RD SQUEEZE D OF MATI	AMOUNT PULLED Circ 85 sx. to pi 60 sx. to Surface PACKER SET (MD E, ETC. ERIAL USED ng 45,000# 5,000# 16/30
23. * CASING SIZE/GR 13 3/8" 8 5/5" 8 5/5" 13. PERFORATION 6,210' - 4	10 N REC0 6,230	WEIGHT, LB. 48# 32# 5 1/2" OP (MD) ORD (Interval, s	LINER BOTTO	CAS DEPTH SE 40 29 10, R RECORD DM (MO)	ET (MD) 03' 16' 180 SACKS	CEMENT	E SIZE 17 1/2" 11" 7 7/8" SCREEN (I 32. DEPTH I 62	TOP 440: 875: 330: + 50 	P OF CEME: SX. "C" + SX. "C" + SX. "C" Li SX. Modifie 0 SX, Mod 30. SIZE 2 7/8" D, SHOT, F (MO)	2% Cate + 20 te + 20 t	aCI 00 sx."(820 sx H" TUBING DEPTH: 609 JRE, CE WOUNT A I gals. I Ottawa	C" Nee c, "C" Li RECO SET (MD 93.81 MENT S MENT S MO KINI MY-T of	RD SQUEEZE D OF MATI	AMOUNT PULLED Circ 85 sx. to pi 60 sx. to Surface PACKER SET (MD E, ETC. ERIAL USED ng 45,000# 5,000# 16/30
23. PERFORATION	10 N REC0 6,230	WEIGHT, LB. 48# 32# 5 1/2" OP (MD) ORD (Interval, s	LINER BOTTO	CAS DEPTH SE 40 29 10, R RECORD DM (MO)	ET (MD))3' 16' 180 SACKS	CEMENT	E SIZE 17 1/2" 11" 7 7/8" SCREEN (I 32. DEPTH I 62 CCTION plng-size and	TOP 440: 875: 330: + 50 	P OF CEME: SX. "C" + SX. "C" + SX. "C" Li SX. Modifie 0 SX, Mod 30. SIZE 2 7/8" D, SHOT, F (MO)	2% Cate + 20 te + 20 t	aCI 00 sx."(820 sx H" TUBING DEPTH: 609 JRE, CE WOUNT A I gals. I Ottawa	C" Nee c, "C" Li RECO SET (MD 93.81 MENT S MENT S MO KINI MY-T of	RD SQUEEZE D OF MATINE (PI	AMOUNT PULLED Circ 85 sx to pi Circ 85 sx. to pi 60 sx. to Surface PACKER SET (MD E, ETC. ERIAL USED ng 45,000# 5,000# 16/30 d.
23. * DATE FIRST PROD 07/02/98 DATE OF TEST	100 RECO	WEIGHT, LB. 48# 32# 5 1/2" OP (MD) ORD (Interval, s)' (20' X 21 h N PRO Pur HOURS TESTE	LINER BOTTO	CAS DEPTH SE 40 29 10, R RECORD DM (MO)	ET (MD))3' 16' 180 SACKS [Flowing, g 1 1/4" X	PRODU pas Mt, pum 30' RHBC	SCREEN (I 32. DEPTH I 62 OIL—BBL	TOP 440 875 330 s + 50 MD) ACII NTERVAL 10'-6230	P OF CEME SX. "C" + SX. "C" Lir SX. Modifie 10 SX, Mod 30. SIZE 2 7/8" D, SHOT, F (MD)	2% Cate + 20 te te + 20 te te + 20 te	ACI DO SX."(820 SX H" TUBING DEPTH 9 609 JRE, CE WOUNT A I gals. I Ottawa LC resi	C" Nee ; "C" Li RECO SET (MC 93.81 MENT : MO KINI MY-T of follow in-coat well s' shut-	RD SQUEZZI D OF MATI id carryii ed by 1! ded sance	AMOUNT PULLED Circ 85 sx to pi 60 sx. to Surface PACKER SET (MD E, ETC. ERIAL USED ng 45,000# 5,000# 16/30 d.
23. * DATE FIRST PROD 07/02/98 DATE OF TEST 11/10/98	10 N RECO 6,230	WEIGHT, LB. 48# 32# 5 1/2" OP (MD) ORD (Interval, s)' (20' X 21 h N PRO Pur HOURS TESTE	LINER BOTTO ize and no	DEPTH SE 40 29 10, R RECORE DM (MO) umber)	FT (MD) 33' 16' 180 SACKS [Flowing, g 1 1/4" X PROI TEST	PRODU	SCREEN (I 32. DEPTH I 62 OIL—BBL 13	TOP 440 875 330 + 50	SX. "C" + SX. "C" Lir SX. "C" Lir SX. Modifie O SX, Mod 30. SIZE 2 7/8" D, SHOT, F (MD))' SUMMP) GAS—MCF	2% Cate + 20 dd "H" + 4 diffied " FRACTI AJ 39,024 16/30 Super	ACI DO SX."(820 SX H" TUBING DEPTH 9 609 URE, CE WOUNT A I gals. I Ottawa LC res	C" Nee ; "C" Li RECO SET (ME 93.81 MENT S MENT S follow in-coat	RD SQUEZZE D OF MATI Di carryin ed by 15 ded sance TATUS (Pi	AMOUNT PULLED Circ 85 sx to pi 60 sx. to Surface PACKER SET (MD E, ETC. ERIAL USED ng 45,000# 5,000# 16/30 d. roducing or Producing S-OIL RATIO
23. * DATE FIRST PROD 07/02/98 DATE OF TEST 11/10/98	10 N RECO 6,230	WEIGHT, LB. 48# 32# 5 1/2" OP (MD) ORD (Interval, s)' (20' X 21 h N PRO Pur HOURS TESTE	LINER BOTTO	CAS DEPTH SE 40 29 10, R RECORD DM (MO) umber)	(Flowing, g. 1 1/4" X	PRODU	SCREEN (I 32. DEPTH I 62 OIL—BBL 13	TOP 440 875 330 5 + 50	SX. "C" + SX. "C" Lir SX. "C" Lir SX. Modifie O SX, Mod 30. SIZE 2 7/8" D, SHOT, F (MD))' SUMMP) GAS—MCF	2% Cate + 20 te te + 20 te te + 20 te	ACI DO SX."(820 SX H" TUBING DEPTH: 609 URE, CE MOUNT A URANG LC resi	C" Nee ; "C" Li RECO SET (ME 93.81 MENT S MENT S follow in-coat	RD SQUEZZE D OF MATI Di carryin ed by 15 ded sance TATUS (Pi	AMOUNT PULLED Circ 85 sx to pi 60 sx to Surface PACKER SET (MD E, ETC. ERIAL USED ng 45,000# 5,000# 16/30 d. roducing or Producing
23. * DATE FIRST PROD 07/02/98 DATE OF TEST	10 N RECO 6,230	WEIGHT, LB. 48# 32# 5 1/2" OP (MD) ORD (Interval, s)' (20' X 21 h N PRO Pur HOURS TESTE 24 CASING PRESS	LINER BOTTO	DEPTH SE 40 29 10, R RECORE DM (MO) Umber) I METHOD (2 1/2" X CHOKE SIZE	(Flowing, g. 1 1/4" X	PRODU	SCREEN (I 32. DEPTH I 62 OIL—BBL 13	TOP 440 875 330 + 50	SX. "C" + SX. "C" Lir SX. "C" Lir SX. Modifie O SX, Mod 30. SIZE 2 7/8" D, SHOT, F (MD))' SUMMP) GAS—MCF	2% Cate + 20 dd "H" + 4 diffied " FRACTI AJ 39,024 16/30 Super	ACI DO SX."(820 SX H" TUBING DEPTH 9 609 URE, CE WOUNT A I gals. I Ottawa LC res	C" Nee , "C" Li RECO SET (MD 93.81 MENT S MO KINI MY-T C follow in-coal WELL S' shut- 12	RD SQUEEZE D OF MATION (Priced by 1:14n) GA: OIL GRAV	AMOUNT PULLED Circ 85 sx to pi 60 sx. to Surface PACKER SET (MD E, ETC. ERIAL USED ng 45,000# 5,000# 16/30 d. roducing or Producing S-OIL RATIO
23. * DATE FIRST PROD 07/02/98 DATE OF TEST 11/10/98 FLOW, TUBING PRE	TO RECO	WEIGHT, LB. 48# 32# 5 1/2" OP (MD) ORD (Interval, s)' (20' X 21 h N PRO PUI HOURS TESTE 24 CASING PRESS	LINER BOTTO	DEPTH SE 40 29 10, R RECORE DM (MO) Umber) I METHOD (2 1/2" X CHOKE SIZE	(Flowing, g. 1 1/4" X	PRODU	SCREEN (I 32. DEPTH I 62 OIL—BBL 13	TOP 440 875 330 5 + 50	SX. "C" + SX. "C" Lir SX. "C" Lir SX. Modifie O SX, Mod 30. SIZE 2 7/8" D, SHOT, F (MD))' SUMMP) GAS—MCF	2% Cate + 20 dd "H" + 4 diffied " FRACTI AJ 39,024 16/30 Super	ACI DO SX."(820 SX H" TUBING DEPTH S 609 JRE, CE WOUNT A LC res WATE BBL. 12	C" Nee , "C" Li RECO SET (MD 93.81 MENT S MO KINI MY-T C follow in-coal WELL S' shut- 12	RD SQUEEZE D OF MATION (Priced by 1:14n) GA: OIL GRAV	AMOUNT PULLED Circ 85 sx to pi 60 sx. to Surface PACKER SET (MD E, ETC. ERIAL USED ng 45,000# 5,000# 16/30 d. roducing or Producing S-OIL RATIO
23. * DATE FIRST PROD 07/02/98 DATE OF TEST 11/10/98 FLOW, TUBING PRE	TO RECO	WEIGHT, LB. 48# 32# 5 1/2" OP (MD) ORD (Interval, s O' (20' X 21 h PRO Pur HOURS TESTE 24 CASING PRESS S (Sold, used fo	LINER BOTTO ize and notes) DUCTION mping - D	CAS DEPTH SE 40 29 10, R RECORE DM (MO) umber) I METHOD (2 1/2" X HOKE SIZE HOUR RAT HOUR RAT	(Flowing, garage of the state o	PRODU PRODU PRODU PRODU PRODU PERIOD BBL. 136	SCREEN (I SCREEN (I SCREEN (I DEPTH I 62 OIL—BBL 13 GAS	TOP 440 875 330 + 50	P OF CEME SX. "C" + SX. "C" Lir SX. Modifie IO SX, Mod 30. SIZE 2 7/8" D, SHOT, F (MD)	2% Cate + 20 d "H" + diffied " FRACTI AJ 39,024 16/30 Super	WATEL BBL. 12 TEST W BZO SX."(820 SX."(82	C" Nee , "C" Li RECO SET (MD 93.81 MENT S MO KINI MY-T C follow in-coal WELL S' shut- 12	RD SQUEEZE D OF MATION (Priced by 1:14n) GA: OIL GRAV	AMOUNT PULLED Circ 85 sx to pi 60 sx. to Surface PACKER SET (MD E, ETC. ERIAL USED ng 45,000# 5,000# 16/30 d. roducing or Producing S-OIL RATIO