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CASING SIZE 8-5/8"	24#,K	-55	CA: DEPT: 370	SING RECO	ORD (Repo HOL 12-1 (1/4#	e size /4" flocele	400 /sx.	CEME SXS (Circ.	21 "C 100	" w/2 sxs.	2% Ca	·		DUNT FUL	LED
CASING SIZE	24#,K	-55	CA: DEPT: 370 5 4800	SING RECO H SET 1	ORD (Repo HOL 12-1 (1/4# 7-7	E SIZE /4" flocele	400 /sx. 800	CEME SXS (Circ. SXS.	21 "C 100 TLW	" w/2 sxs. w/10%	2% Ca) % Dia	ce1	D.		
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CASING SIZE 8-5/8" 4-1/2"	24#,K	-55 , K-55 salt,	CA: DEPTY 370 5 4800 1/4# flor R RECORD	SING RECO H SET I Cele, {	ORD (Repo HOL 12-1 (1/4# 7-7 S 3# Gi	E SiZE /4" flocele /8" lsonite	400 /sx. 800 /sx:	CEME SXS (Circ. SXS. follo	21 "C 100 TLW	" w/2 sxs. w/10% w/400 TL	2% Ca) % Dia	cel Cl'' RECO	D, C'' w RD Ci		sx sa sxs)
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CASING SIZE 8-5/8" 4-1/2" 5. SIZE	24#,K	-55 , K-55 salt, LINE	CA: DEPTI 370 4800 1/4# flo R RECORD BOTTOM	SING RECO H SET I Cele, {	ORD (Repo HOL 12-1 (1/4# 7-7 S 3# Gi	E SiZE /4" flocele /8" lsonite	400 /sx. 800 /sx: 3	CEME SXS C Circ. SXS. follc 60. SIZC *2-3/8 (pla	C1 "C 100 TLW pwed 3"	" w/2 sxs. w/10% w/400 TL DEP 45 -line	2% Ca) % Dia) sxs JBING TH SE 500' 2d)	<u>се1</u> <u>С1''</u> RECO т	D, C" w RD Ci	/6#_/_s rc 100 раскея si 4500'	sx s: sxs)
CASING SIZE 8-5/8" 4-1/2" 5. SIZE 1. Performation Record (Perfd w/3-1/8	24#,K 11.6# (12# rop	, K-55 salt, LINE	CA: . DEPT: . 370 . 4800 . 4800	sacks of	ORD (Repo HOL 12-1 (1/4# 7-7 S 3# Gi	<pre>/4" flocele /4" lsonite screen</pre>	400 /sx. 800 /sx: 3 	CEME SXS (Circ. SXS. follo sizc *2-3/8 (pla SHOT,	C1 "C 100 TLW pwed 3"	" w/2 sxs. w/10% w/400 TL DEP 45 -1ine	2% Ca) % Dia) sxs DBING TH SE 500' 2d) EMEN	<u>cel</u> C1'' RECO т	D, C" w PD Ci f	/6#_/_s rc 100 раскея si 4500'	SX S SXS T
4-1/2" SIZE Perforation Baccord (Perfd w/3-1/8 charges on sp	24#,K 11.6# (12# rop	, K-55 salt, LINE	CA: . DEPT: . 370 . 4800 . 4800	sacks of	ORD (Repo HOL 12-1 (1/4# 7-7 S 3# Gi	<pre>/4" flocele /4" lsonite screen 32.</pre>	400 /sx. 800 /sx: 3 ACID, HINTE	CEME SXS (Circ. SXS. follo 0. SIZC *2-3/8 (pla SHOT, RVAL	C1 "C 100 TLW Dwed S" LSTIC FRACT	" w/2 sxs. w/10% w/400 TL DEP 45 -1ine URE, C AMOUN	2% Ca) % Dia % Dia % Dia % Dia % Dia % Dia % Dia % Dia % Dia % Ca % % Ca % % Ca % % Dia % Ca % Ca % Ca % Dia % Ca % Dia % Dia	<u>cel</u> Cl'' RECO т т	D, C'' w RD Ci F EEZE, D MATE	/6# /_s rc 100 ACKER SI 4500' ETC.	SX S SXS T D
CASING SIZE 8-5/8'' 4-1/2'' 5. SIZE 1. Perforation Record (Perfd w/3-1/8 charges on sp 4566-4576'	24#,K 11.6# (12# rop	, K-55 salt, LINE	CA: . DEPT: . 370 . 4800 . 4800	sacks of	ORD (Repo HOL 12-1 (1/4# 7-7 S 3# Gi	4" flocele /4" flocele //8" lsonite screen 32. DEPTH 4566'-4	400 /sx. 800 /sx; 3 4 4666	CEME SXS (Circ. SXS. follo SIZC *2-3/8 (pla SHOT, RVAL	21 "C 100 TLW Dwed S" istic FRACT	" w/2 sxs. w/10% w/400 tu dep 45 -1ine ure, C Amoun % NeF	2% Ca b) c Dia c di c dia c dia c di c di c di c di c di c di c di c di	cel Cl'' RECO T T SQUI D KINC	D, C'' w RD Ci f EEZE, MATE	/6# / s rc 100 *ACKER SI 4500' ETC. RIAL USE /6000 \$	sx s; sxs T D gals
CASING SIZE 8-5/8'' 4-1/2'' 3. SIZE 1. Performation Record (Perfd w/3-1/8 charges on sp 4566-4576' 4584-4604'	24#,K 11.6# (12# rop (Interval, sur 9" OD Cs piral ph	, K-55 salt, LINE ze and nuv sg gun lasing	CA: . DEPT: . 370 . 4800 . 4800	sacks of	ORD (Repo HOL 12-1 (1/4# 7-7 S 3# Gi	<pre>/4" flocele /4" lsonite screen 32. DEPTH</pre>	400 /sx. 800 /sx: 3 4 ACID, 4 INTE2 4666 seal	CEME SXS (Circ. SXS. follo SIZC *2-3/8 (pla SHOT, RVAL	C1 "C 100 TLW Dwed S" sstic FRACT FRACT	" w/2 sxs. w/10% w/400 TU DEP 45 -1ine URE, C AMOUN % NeF	2% Ca b) c Dia c dia c dia c dia c di c di c di c di c dia c di c di c di c di c di c di c	cel Cl'' RECORT T SQUI SKINC L, tr 00 g	D, C'' w RD Ci f EEZE, MATE td w als	/6# / s rc 100 *ACKER SI 4500' ETC. RIAL USE /6000 \$ 40# 1 \$	sx s; sxs T D gals gal.
CASING SIZE 8-5/8'' 4-1/2'' 3. SIZE 1. Performation Record (Perfd w/3-1/8 charges on sp 4566-4576' 4584-4604'	24#,K 11.6# (12# rop	, K-55 salt, LINE ze and nuv sg gun lasing	CA: . DEPT: . 370 . 4800 . 4800	sacks of	ORD (Rep3 HOL 12-1 (1/4# 7-7 S 3# G1	32. BEPTH 32. BEPTH 4566'-4 W/ball Cross sand. 1	400 /sx. 800 /sx; 3 4 4 4 4 6 6 6 5 5 eal 1 1 ink Frace	CEME SXS C Circ. SXS. follc SC. SIZC *2-3/8 (pla SHOT, I RVAL Lers. low r d w/26	21 "C 100 TLW pwed 3" astic FRACT Frac resid	" w/2 sxs. w/10% w/400 TU DEP 45 -line URE, C AMOUN % NEF 'd w/ ue ga	2% Ca b) c Dia c Dia c Dia c Dia c Dia c Dia c Ca c Ca c Ca c Ca c Ca c Ca c Ca c C	се1 С1" RECO т т с soul с кис с kinc 1,tr 00 g 78,	D, C'' w PD Ci F EEZE, MATE td w als 000	/6# /_s rc 100 PACKER SI 4500' ETC. RIAL USE /6000 \$ 40# 1 \$ 40# 1 \$	sx sa sxs sxs sxs sxs sxs sxs sxs sxs sxs s
CASING SIZE 8-5/8'' 4-1/2'' 3. SIZE 61. Perforation Record (Perfd w/3-1/8 charges on sp 4566-4576' 4584-4604' 4654-4666' 4	24#,K 11.6# (12# rop (Interval, still)" OD Cs piral ph	, K-55 salt, LINE ze and num g gun asing	CA: 370 4800 1/4# floo R RECORD BOTTOM mber) w/DML as folloo	WS:	ORD (Reps HOL 12-1 (1/4# 7-7 3# G1 SEMENT	32. W/ball Cross sand. I UCTION M	400 /sx. 800 /sx; 3 ACID, 4666 seal link Fracc ini-M	CEME SXS C Circ. SXS. follc Co. SIZC *2-3/8 (pla SHOT, RVAL Lers. low r d w/26 Max II	21 "C 100 TLW pwed 3" astic FRACT Frac resid	" w/2 sxs. w/10% w/400 TU DEP 45 -line URE, C AMOUN % NEF 'd w/ ue ga	2% Ca b) % Dia b) % NG % (Dia b) % NG % (Dia b) % NG % (Dia b) % (Dia b) % (Dia) % (Dia) % (Di	cel Cl'' RECO T T SQU D KINC 1,tr 00 g 78, sand	D, C'' w PO Ci F EEZE, MATE td w als 000 w/4	/6# /_s rc 100 PACKER SI 4500' ETC. RIAL USE /6000 \$ 40# 1 \$ # 20/4(0,000 \$	sx sz sxs) T gals gals j mes gals,
CASING SIZE 8-5/8'' 4-1/2'' 5. SIZE SIZE Perfd w/3-1/8 charges on sp 4566-4576' 4584-4604' 4654-4666' 4 13. Pute First Production	24#,K 11.6# (12# rop (Interval, still)" OD Cs piral ph	, K-55 salt, LINE ze and num g gun asing	CA: . DEPT: . 370 . 4800 . 4800	WS:	ORD (Reps HOL 12-1 (1/4# 7-7 3# G1 SEMENT	32. W/ball Cross sand. I UCTION M	400 /sx. 800 /sx; 3 ACID, 4666 seal link Fracc ini-M	CEME SXS C Circ. SXS. follc Co. SIZC *2-3/8 (pla SHOT, RVAL Lers. low r d w/26 Max II	21 "C 100 TLW pwed 3" astic FRACT Frac Frac sid	" w/2 sxs. w/10% w/400 TU DEP 45 -line URE, C AMOUN % NEF 'd w/ ue ga	2% Ca b) % Dia b) % NG % (Dia b) % NG % (Dia b) % NG % (Dia b) % (Dia b) % (Dia) % (Dia) % (Di	cel Cl'' RECO T T SQU D KINC 1,tr 00 g 78, sand	D, C'' w PO Ci F EEZE, MATE td w als 000 w/4	/6# /_s rc 100 PACKER SI 4500' ETC. RIAL USE /6000 \$ 40# 1 \$ 40# 1 \$	sx sa sxs) T gals. gals. j mes gals.
CASING SIZE 8-5/8'' 4-1/2'' 35. SIZE 1. Perforation Record (Perfd w/3-1/8 charges on sp 4566-4576' 4584-4604' 4654-4666' 4 13.	24#,K 11.6# (12# rop (Interval, still)" OD Cs piral ph	, K-55 salt, LINE ze and num g gun asing	CA: JEPTI 370 4800 1/4# floo R RECORD BOTTOM mber) W/DML as folloo	WS:	ORD (Repo HOL 12-1 (1/4# 7-7 3# GI CEMENT CEMENT	Je size (4" flocele (4" flocele (4" Isonite SCREEN 32. DEPTH 4566'-4 W/ball Cross sand. I UCTION Mi ing - Size ar	400 /sx. 800 /sx: 3 4 ACID, 4 NTEF 4666 seal link Fracc ini-M	CEME SXS (Circ. SXS. follc 00. SIZC *2-3/8 (pla SHOT, PVAL Lers. low r d w/26 Max II pump)	21 "C 100 TLW wed 3" astic FRACT Frac Frac 15 Frac 15 Frac 15 Frac	" w/2 sxs. w/10% w/400 TL DEP 45 -1ine URE, C AMOUN % NEF 'd w/ ue ga # 20	2% Ca b) % Dia) sxs DBING TH SE 500' 2d) EMEN NT AND Fe HC (30,0 41, & 0/40 Well S Well S	cel C1" RECON T T SOUL SKINC 1,tr 00 g 78, Status	D, C'' w PO Ci F EEZE, MATE td w als 000 w/4 inj.	/6# /_s rc 100 ACKER SI 4500' ETC. RIAL USE /6000 s 40# 1 s # 20/40 0,000 s ar Shut-in/	sx sz sxs) T gals gals j mes gals,
CASING SIZE 8-5/8'' 4-1/2'' 23. SIZE SI. Perforation Record (Perfd w/3-1/8 charges on sp 4566-4576' 4584-4604' 4654-4666' 4 State Production * 1-28-82	24#,K 11.6# (12# rop (Interval, still)" OD Cs piral ph	, K-55 salt, LINE sg gun asing shots	CA: JEPTI 370 4800 1/4# floo R RECORD BOTTOM mber) W/DML as folloo	WS:	ORD (Reps HOL 12-1 (1/4# 7-7 3# GI SMENT SMENT PRODU Lift, pumpu	32. W/ball Cross sand. I UCTION M	400 /sx. 800 /sx: 3 4 ACID, 4 NTEF 4666 seal link Fracc ini-M	CEME SXS C Circ. SXS. follc Co. SIZC *2-3/8 (pla SHOT, RVAL Lers. low r d w/26 Max II	21 "C 100 TLW wed 3" astic FRACT Frac Frac 15 Frac 15 Frac 15 Frac	" w/2 sxs. w/10% w/400 TL DEP 45 -1ine URE, C AMOUN % NEF 'd w/ ue ga # 20	2% Ca b) Dia b) SXS b) Dia c) SXS b) Dia c) SXS b) Dia c) SXS c)	cel C1" RECON T T SOUL SKINC 1,tr 00 g 78, Status	D, C'' w PO Ci F EEZE, MATE td w als 000 w/4 inj.	/6# /_s rc 100 PACKER SI 4500' ETC. RIAL USE /6000 \$ 40# 1 \$ # 20/4(0,000 \$	sx sa sxs) T gals. gals. j mes gals.
CASING SIZE 8-5/8'' 4-1/2'' 5. SIZE 91. Perforation Record (Perfd w/3-1/8 charges on sp 4566-4576' 4584-4604' 4654-4666' 4 13. bate First Production * 1-28-82	24#,K 11.6# (12# rop (Interval, str 3" OD Cs oiral ph 2'-42 s	, K-55 salt, LINE sg gun asing shots	CA: JEPTI 370 4800 1/4# flor R RECORD BOTTOM W/DML as follor m Method (Fig	WS:	ORD (Reps HOL 12-1 (1/4# 7-7 3# GI SMENT SMENT PRODU Lift, pumpu	32. W/ball Cross I sand. I UCTION MI COLL - BEL. -	400 /sx. 800 /sx; 3 4 ACID, 4 ACID, 4 ACID, 5 Eal 1 ink Fracc ini-M nd type	CEME SXS C Circ. SXS. follc SC. SIZE (pla SHOT, I RVAL Lers. I w/26 Max II pump)	21 "C 100 TLW wed wed 3" stic FRACT Frac resid 5,000 1-40	" w/2 sxs. w/10% w/400 TU DEP 45 -1ine URE, C AMOUN % NeE 'd w/ ue ga # 20	2% Ca b) % Dia) sxs DBING TH SE 500' 2d) EMEN NT AND Fe HC (30,0 41, & 0/40 Well S Well S	cel Cl'' RECOR T T SQU C KINC C KINC	D, C'' w PD Ci F Ci F Ci F Ci F Ci F Ci F Ci F Ci F	/6# / s rc 100 ACKER SI 4500' ETC. RIAL USE /6000 \$ 40# 1 \$ 40# 1 \$ 20/4(0,000 \$ 0,000 \$ 0,000 \$ 0,000 \$	sx s: sxs) t p gals. gals. j mes gals.
CASING SIZE 8-5/8'' 4-1/2'' 5. SIZE 1. Perforation Record (Perfd w/3-1/8 charges on sp 4566-4576' 4584-4604' 4654-4666' 4 3. Note First Production * 1-28-82 Solid of Test	24#,K 11.6# (12# rop (Interval, str 3" OD Cs oiral ph 2'-42 s	, K-55 salt, LINE ze and nuv g gun asing shots Productio	CA: JEPTI 370 4800 1/4# flor R RECORD BOTTOM W/DML as follor m Method (Fig	WS:	PRODU PRODU Lift, pumpi	Je size (4" flocele (4" flocele (4" Isonite SCREEN 32. DEPTH 4566'-4 W/ball Cross sand. I UCTION Mi ing - Size ar	400 /sx. 800 /sx; 3 4 ACID, 4 ACID, 4 ACID, 5 Eal 1 ink Fracc ini-M nd type	CEME SXS C Circ. SXS. follc SC. SIZE (pla SHOT, I RVAL Lers. I w/26 Max II pump)	21 "C 100 TLW wed 3" astic FRACT Frac Frac 15 Frac 15 Frac 15 Frac	" w/2 sxs. w/10% w/400 TU DEP 45 -1ine URE, C AMOUN % NeE 'd w/ ue ga # 20	2% Ca b) % Dia) sxs DBING TH SE 500' 2d) EMEN NT AND Fe HC (30,0 41, & 0/40 Well S Well S	cel Cl'' RECOR T T SQU C KINC C KINC	D, C'' w PD Ci F Ci F Ci F Ci F Ci F Ci F Ci F Ci F	/6# /_s rc 100 ACKER SI 4500' ETC. RIAL USE /6000 s 40# 1 s # 20/40 0,000 s ar Shut-in/	sx s: sxs) sxs) t gals. gals. j mes gals.
CASING SIZE 8-5/8" 4-1/2" 5. SIZE 1. Perforation Record (Perfd w/3-1/8 charges on sp 4566-4576' 4584-4604' 4654-4666' 4 3. Note First Production * 1-28-82 Note of Test - Tow Tubing Press.	24#,K 11.6# (12# TOP (Interval, sta 3" OD Cs oiral ph 42'-42 s Hows Tes Casing Pr	, K-55 salt, LINE ze and nur g gun asing shots Production	CA: DEPTI 370 4800 1/4# floo R RECORD BOTTOM BOTTOM W/DML as follow mber) W/DML as follow Choke Size Calculated 2 How Rate	WS:	PRODU PRODU Lift, pumpi	32. W/ball Cross I sand. I UCTION MI COLL - BEL. -	400 /sx. 800 /sx; 3 4 ACID, 4 ACID, 4 ACID, 5 Eal 1 ink Fracc ini-M nd type	CEME SXS C Circ. SXS. follc SC. SIZE (pla SHOT, I RVAL Lers. I w/26 Max II pump)	21 "C 100 TLW wed wed 3" stic FRACT Frac resid 5,000 1-40	" w/2 sxs. w/10% w/400 TL DEP 45 -1ine URE, C AMOUN % NeF 'd w/ ue ga # 20 // ue ga # 20	2% Ca 2% Ca 3 Dia 5 Dia 10 Dia 10 Dia 10 Dia 10 Dia 10 Dia 10 Dia 10 Dia 10 Dia 100	cel Cl'' RECO T T SQUI D KING D KING 1,tr QO g 78, Status Status	D, C'' w RO Ci F EEZE, MATE td w als 000 w/4 ;/Prod. inj. Gas-C	/6# / s rc 100 ACKER SI 4500' ETC. RIAL USE /6000 \$ 40# 1 \$ 40# 1 \$ 20/4(0,000 \$ 0,000 \$ 0,000 \$ 0,000 \$	sx s; sxs) t p gals zal.) mes gals
CASING SIZE 8-5/8'' 4-1/2'' 5. SIZE 1. Perforation Record (Perfd w/3-1/8 charges on sp 4566-4576' 4584-4604' 4654-4666' 4 3. Note First Production * 1-28-82 Join of Test - ''cw Tubing Press.	24#,K 11.6# (12# TOP (Interval, sta 3" OD Cs oiral ph 42'-42 s Hows Tes Casing Pr	, K-55 salt, LINE ze and nur g gun asing shots Production	CA: DEPTI 370 4800 1/4# floo R RECORD BOTTOM BOTTOM W/DML as follow mber) W/DML as follow Choke Size Calculated 2 How Rate	WS:	PRODU PRODU Lift, pumpi	32. W/ball Cross I sand. I UCTION MI COLL - BEL. -	400 /sx. 800 /sx; 3 4 ACID, 4 ACID, 4 ACID, 5 Eal 1 ink Fracc ini-M nd type	CEME SXS C Circ. SXS. follc SC. SIZE (pla SHOT, I RVAL Lers. I w/26 Max II pump)	21 "C 100 TLW wed wed 3" stic FRACT Frac resid 5,000 1-40	" w/2 sxs. w/10% w/400 TL DEP 45 -1ine URE, C AMOUN % NeF 'd w/ ue ga # 20 // ue ga # 20	2% Ca b) % Dia) sxs DBING TH SE 500' 2d) EMEN NT AND Fe HC (30,0 41, & 0/40 Well S Well S	cel Cl" RECO T T SQU D KINC D	D, C'' w RD Ci F EEZE, MATE td w als 000 w/4 inj. Gas - C Gas - C	/6# / s rc 100 ACKER SI 4500' ETC. RIAL USE /6000 \$ 40# 1 \$ 40# 1 \$ 20/4(0,000 \$ 0,000 \$ 0,000 \$ 0,000 \$	sx s; sxs) t p gals zal.) mes gals
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INSTRUCTIONS

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-dified or despend well. It shall be accompanied by one convict all electrical and disto-activity logs run on the well and a summary of all special tests conducted, including drift 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, lients 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate acception state land, where six copies are required. See Bule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Chinle

Northwestern New Mexico

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INCLINATION REPORT

	OPERATOP	PHILLIPS PET. CO.	ADDRESS 4001 PENBROC	DK, ODESSA, TX 79762					
	LEASE NAME East Vacuum Gb/SA Unit Tr. 2060WELL NO. 001 FIELD Vacuum Gb/SA								
	LOCATION (2525 Unit K) 1325 FSL & 2325 FWL, S	Sec. 20, T-17-S, R-35-E	, Lea County, New Mexico					
		ANGLE		DISPLACEMENT					
	DEPTH	INCLINATION DEGREES	DISPLACEMENT	ACCUMULATED					
370		1/4	1.6280	1.6280					
874		1/2	4.3848	6.0128					
1300		3/4	5.5806	11.5934					
1825		3/4	6.8775	18.4709					
2370		1/4	2.3980	20.8689					
2387		1/2	4.4979	25,3668					
3385		3/4	6,5238	31.8906					
3880		1 1/4	10.7910	42.6816					
4358		$1 \frac{1}{2}$	12.5236	55.2052					
4800		1 1/2	11.5804	66.7856					

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY ale DFFICE MANAGE TITLE

AFF IDAVIT:

DENISE LEAKE Before me, the undersigned authority, appeared_ known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical, whatsoever.

1

AFFIANT'S SIGNATURE

19_ ⁸¹ JUNE Sworn and subscribed to in my presence on this the <u>11</u> day of OFFIC a SIGNATUR TAYLOR GARLIN R. NOTARY PUBLIC NEW MEXICO Notary Public in and for the County NOTARY BOND FILED WITH SECRETARY OF STATE of Lea, State of New Mexico SEAL MY COMMISSION EXPIRES FEBRUARY 6, 1984