arvey E. Yžtés Company	UNIŢE	TATES	N. M. Cili	ons. Di	on	
	DEPARTMEI BUREAU OF LA	THE INTE ND MANAGEM	RIOR	167 21. M 18214-ko.	5. LEASE DESIGNATION AND SERIAL NO. NM68040	C1
APPLIC	CATION FOR PER	MIT TO DR	ILL OR DEEPEN	1	6. IF INDIAN, ALLQTEE-OR TRIBE NAME	
a. TYPE OF WORK	550 W	DEEDEN [
b. TYPE OF WELL	DRILL X	DEEPEN [7. UNITAGREENIENT NAME 15 AT 197	
OIL	GAS		SINGLE	MULTIPLE	8. FARM OR LEASE NAME, WELL NO.	
WELL X	WELL OTHER	· · · · · · · · · · · · · · · · · · ·	ZONE	ZONE	PARKER 5 FEDERAL 5 1297	0
. NAME OF OPERATOR HARVEY E. YATES COM	IPANY 10/7	19	DECE	VEID)	9. API WELL NO.	
ADDRESS AND TELEPHONE	///				30-015-29416	<u>56°</u>
	LL, NEW MEXICO 88202 5		EED A C	1007	SHUGART BONE SPRINGS No. 1 L.	 -
LOCATION OF WELL (REPO AT SURFACE	RT LOCATION CLEARLY AND IN A		IY STATE REQUIREMENTS O	1331	11. SEC., T., R., M., OR BLK	
	1010 1 02 0	1000 1 442	600 000	u man	AND SURVEY OR AREA SEC-5, T-18S, R-31E	
AT PROPOSED PROD. ZONE	1 1		OIL COP		12 COUNTY OR PARISH 13. STATE	
4. DISTANCE IN MILES AND D	DIRECTION FROM NEAREST TOWN	LOP POST OFFICE	- DIST	<u>් නි</u>	EDDY NM	
	LES SOUTH OF LOCO HILL		,			
5. DISTANCE FROM PROPOS			16. NO. OF ACRES IN LEASE	17	NO. OF ACRES ASSIGNED	
LOCATION TO NEAREST PROPERTY OR LEASE LINE	= FT				TO THIS WELL	
(Also to nearest drig, unit I	•••	1310'	160		40	
8. DISTANCE FROM PROPOS			19. PROPOSED DEPTH	20	ROTARY OR CABLE TOOLS	
TO NEAREST WELL DRILL	·		-			
OR APPLIED FOR, ON THIS 1. ELEVATIONS (Show wheth	······································	600'	8500	<u> </u>	ROTARY	
3697.					APPROX. DATE WORK WILL START ASAP	
3.		PROPOSED CAS	ING AND CEMENTING P	CAPHTAN	CONTROLLED WATER BASI	N
			· · · · · · · · · · · · · · · · · · ·	ONS 11 VIEW	@ C 1.1.1.1.2 ==	
SIZE OF HOLE	GRADE, SIZE OF CASING	I WTPERFT I	SETTING DEPTH	T	CHANTITY OF CEMENT	
SIZE OF HOLE 17 1/2"	GRADE, SIZE OF CASING 13 3/8" H-40	WT PER FT 48# ST&C 8RD	SETTING DEPTH 400	425 SX "C" w	QUANTITY OF CEMENT / 2% CACL & 1/4# FLOSEAL WAT NESS	
17 1/2" 12 1/4"	13 3/8" H-40 8 5/8" J-55	48# ST&C 8RD 32# ST&C 8RD	400 2000	200 SX "C" w	/ 2% CACL & 1/4# FLOSEAL WWNESS	1) + W
17 1/2"	13 3/8" H-40	48# ST&C 8RD	400	200 SX "C" w	12% CACL & 1/4# FLOSEAL WWW ESS	i) tu
17 1/2" 12 1/4" 7 7/8" ALL CASING WILL BE N	13 3/8" H-40 8 5/8" J-55 5 1/2" J-55 EW, OR USED MEETING B	48# ST&C 8RD 32# ST&C 8RD 17# LT&C 8RD LM SPECS.	400 2000	200 SX "C" w	/ 2% CACL & 1/4# FLOSEAL WWW NESS / 2% CACL & 1/4# FLOSEAL 1200 KIN ESS W D & 500 SX TAIL **	n) tud
17 1/2" 12 1/4" 7 7/8" ALL CASING WILL BE N	13 3/8" H-40 8 5/8" J-55 5 1/2" J-55 EW, OR USED MEETING B ULATED ON 13 3/8" AND 8	48# ST&C 8RD 32# ST&C 8RD 17# LT&C 8RD LM SPECS. 5/8" CASING.	400 2000 8500	200 SX "C" w 1100 SX LEA	/ 2% CACL & 1/4# FLOSEAL WWW NESS / 2% CACL & 1/4# FLOSEAL 1200 KIN ESS W D & 500 SX TAIL **	ni tud
17 1/2" 12 1/4" 7 7/8" ALL CASING WILL BE NOTE OF THE CONTROLLE BE CIRCUMENT QUANTITIES A	13 3/8" H-40 8 5/8" J-55 5 1/2" J-55 EW, OR USED MEETING B ULATED ON 13 3/8" AND 8	48# ST&C 8RD 32# ST&C 8RD 17# LT&C 8RD LM SPECS. 5/8" CASING.	400 2000 8500 DUE TO HOLE CONDITIO	200 SX "C" w 1100 SX LEA	12% CACL & 1/4# FLOSEAL WANTESS 12% CACL & 1/4# FLOSEAL 1200 KINESS D & 500 SX TAIL ** Posted ID-/ N1 & API	1) + W
17 1/2" 12 1/4" 7 7/8" ALL CASING WILL BE N CEMENT WILL BE CIRC CEMENT QUANTITIES A FILLER CEMENT 35/68 * LEAD: 1100 SX "H" P	13 3/8" H-40 8 5/8" J-55 5 1/2" J-55 EW, OR USED MEETING B ULATED ON 13 3/8" AND 8 IND ADDITIVES ARE SUBJI 5 "C" POZ w/ 6% GEL, 5# S/ OZ w/ 2% GEL & 5# SALT P	48# ST&C 8RD 32# ST&C 8RD 17# LT&C 8RD LM SPECS. 5/8" CASING. ECT TO CHANGE ALT, & 1/4# FLOS	400 2000 8500 DUE TO HOLE CONDITIO	200 SX "C" w 1100 SX LEAI	12% CACL & 1/4# FLOSEAL MATALESS 12% CACL & 1/4# FLOSEAL 1200M KINESS 12% Soo SX TAIL ** Posted ID-/ N1 4 14 PI 3-14-97	1)+14
17 1/2" 12 1/4" 7 7/8" ALL CASING WILL BE N CEMENT WILL BE CIRC CEMENT QUANTITIES A FILLER CEMENT 35/68 * LEAD: 1100 SX "H" P	13 3/8" H-40 8 5/8" J-55 5 1/2" J-55 EW, OR USED MEETING B ULATED ON 13 3/8" AND 8 IND ADDITIVES ARE SUBJI 5 "C" POZ w/ 6% GEL, 5# S/ OZ w/ 2% GEL & 5# SALT P	48# ST&C 8RD 32# ST&C 8RD 17# LT&C 8RD LM SPECS. 5/8" CASING. ECT TO CHANGE ALT, & 1/4# FLOS	400 2000 8500 DUE TO HOLE CONDITIO	200 SX "C" w 1100 SX LEAI	12% CACL & 1/4# FLOSEAL WANTESS 12% CACL & 1/4# FLOSEAL 1200 KINESS D & 500 SX TAIL ** Posted ID-/ N1 & API	1) + W
17 1/2" 12 1/4" 7 7/8" ALL CASING WILL BE N CEMENT WILL BE CIRC CEMENT QUANTITIES A FILLER CEMENT 35/68 ** LEAD: 1100 SX "H" P	13 3/8" H-40 8 5/8" J-55 5 1/2" J-55 EW, OR USED MEETING B ULATED ON 13 3/8" AND 8 IND ADDITIVES ARE SUBJI 5 "C" POZ w/ 6% GEL, 5# S/ OZ w/ 2% GEL & 5# SALT P	48# ST&C 8RD 32# ST&C 8RD 17# LT&C 8RD LM SPECS. 5/8" CASING. ECT TO CHANGE ALT, & 1/4# FLOS ER SACK 3% DISPERSENT,	400 2000 8500 DUE TO HOLE CONDITIO	200 SX "C" w 1100 SX LEAI NS.	12% CACL & 1/4# FLOSEAL MATALESS 12% CACL & 1/4# FLOSEAL 1200M KINESS 12% Soo SX TAIL ** Posted ID-/ N1 4 14 PI 3-14-97	1) + W
17 1/2" 12 1/4" 7 7/8" ALL CASING WILL BE N CEMENT WILL BE CIRC CEMENT QUANTITIES A FILLER CEMENT 35/66 * LEAD: 1100 SX "H" P/ TAIL: 500 SX "H" w/ 3	13 3/8" H-40 8 5/8" J-55 5 1/2" J-55 EW, OR USED MEETING BULATED ON 13 3/8" AND 8 AND ADDITIVES ARE SUBJISTO" POZ w/ 6% GEL, 5# SALT P KCL, .5% FLUID LOSS, .3	48# ST&C 8RD 32# ST&C 8RD 17# LT&C 8RD LM SPECS. 5/8" CASING. ECT TO CHANGE ALT, & 1/4# FLOS PER SACK 3% DISPERSENT, PER & SHALE GUAF	400 2000 8500 DUE TO HOLE CONDITION EAL 1% BONDING AGENT, .3% ROPOSED MUD PROGRAF RD, MW-9.0 VIS-31	200 SX "C" w 1100 SX LEAI NS.	12% CACL & 1/4# FLOSEAL MATALESS 12% CACL & 1/4# FLOSEAL 1200M KINESS 12% Soo SX TAIL ** Posted ID-/ N1 4 14 PI 3-14-97	1) + W
17 1/2" 12 1/4" 7 7/8" ALL CASING WILL BE N EMENT WILL BE CIRC EMENT QUANTITIES A FILLER CEMENT 35/68 * LEAD: 1100 SX "H" W/ 3 0-400 400-2000	13 3/8" H-40 8 5/8" J-55 5 1/2" J-55 EW, OR USED MEETING BI ULATED ON 13 3/8" AND 8 AND ADDITIVES ARE SUBJI 5 "C" POZ w/ 6% GEL, 5# S/ OZ w/ 2% GEL & 5# SALT P % KCL, .5% FLUID LOSS, .3 FRESH WATER w/ PAPE BRINE WATER w/ PAPE	48# ST&C 8RD 32# ST&C 8RD 17# LT&C 8RD LM SPECS. 5/8" CASING. ECT TO CHANGE ALT, & 1/4# FLOS PER SACK 3% DISPERSENT, PF R & SHALE GUAR	400 2000 8500 DUE TO HOLE CONDITION EAL 1% BONDING AGENT, .3% ROPOSED MUD PROGRAM RD. MW-9.0 VIS-31 D. MW-10.0 VIS-31	200 SX "C" w 1100 SX LEAI PNS. RETARDER,	12% CACL & 1/4# FLOSEAL WANTESS 12% CACL & 1/4# FLOSEAL 1200 KINESS 12% CACL & 1/4# FLOSEAL 1200 KINESS 12% SOO SX TAIL ** Posted ID-/ NIL & MPI 3-14-97 & .2% SODIUM METASILICATE PER SACK	i) + cu
17 1/2" 12 1/4" 7 7/8" ALL CASING WILL BE N CEMENT WILL BE CIRC CEMENT QUANTITIES A FILLER CEMENT 35/66 * LEAD: 1100 SX "H" P/ TAIL: 500 SX "H" w/ 3	13 3/8" H-40 8 5/8" J-55 5 1/2" J-55 EW, OR USED MEETING BULATED ON 13 3/8" AND 8 AND ADDITIVES ARE SUBJISTO" POZ w/ 6% GEL, 5# SALT P KCL, .5% FLUID LOSS, .3	48# ST&C 8RD 32# ST&C 8RD 17# LT&C 8RD LM SPECS. 5/8" CASING. ECT TO CHANGE ALT, & 1/4# FLOS PER SACK 3% DISPERSENT, PF R & SHALE GUAR	400 2000 8500 DUE TO HOLE CONDITION EAL 1% BONDING AGENT, .3% ROPOSED MUD PROGRAM RD. MW-9.0 VIS-31 D. MW-10.0 VIS-31	200 SX "C" w 1100 SX LEAI PNS. RETARDER,	12% CACL & 1/4# FLOSEAL WANTESS 12% CACL & 1/4# FLOSEAL 1200 KINESS 12% CACL & 1/4# FLOSEAL 1200 KINESS 12% SOO SX TAIL ** Posted ID-/ NIL & MPI 3-14-97 & .2% SODIUM METASILICATE PER SACK	1) 1 111
17 1/2" 12 1/4" 7 7/8" ALL CASING WILL BE NOTED TO THE PROPERT OF	13 3/8" H-40 8 5/8" J-55 5 1/2" J-55 EW, OR USED MEETING BI ULATED ON 13 3/8" AND 8 AND ADDITIVES ARE SUBJI 5 "C" POZ w/ 6% GEL, 5# S/ OZ w/ 2% GEL & 5# SALT P % KCL, .5% FLUID LOSS, .3 FRESH WATER w/ PAPE BRINE WATER w/ PAPE	48# ST&C 8RD 32# ST&C 8RD 17# LT&C 8RD 17# LT&C 8RD LM SPECS. 5/8" CASING. ECT TO CHANGE ALT, & 1/4# FLOS PER SACK 3% DISPERSENT, PF R & SHALE GUARE R, SHALE GUARE	400 2000 8500 DUE TO HOLE CONDITION EAL 1% BONDING AGENT, .3% ROPOSED MUD PROGRAM RD. MW-9.0 VIS-31 D. MW-10.0 VIS-31	200 SX "C" w 1100 SX LEAI PNS. RETARDER,	12% CACL & 1/4# FLOSEAL WANTESS 12% CACL & 1/4# FLOSEAL 1200 KINESS 12% CACL & 1/4# FLOSEAL 1200 KINESS 12% SOO SX TAIL ** Posted ID-/ NIL & MPI 3-14-97 & .2% SODIUM METASILICATE PER SACK	7,+00
17 1/2" 12 1/4" 7 7/8" ALL CASING WILL BE NOTED TO THE PROPERT OF	13 3/8" H-40 8 5/8" J-55 5 1/2" J-55 EW, OR USED MEETING BI ULATED ON 13 3/8" AND 8 AND ADDITIVES ARE SUBJI 5 "C" POZ w/ 6% GEL, 5# S/ OZ w/ 2% GEL & 5# SALT P % KCL, .5% FLUID LOSS, .3 FRESH WATER w/ PAPE BRINE WATER w/ PAPE FRESH WATER w/ PAPE TO CHANGE DUE TO HOLE	48# ST&C 8RD 32# ST&C 8RD 17# LT&C 8RD 17# LT&C 8RD LM SPECS. 5/8" CASING. ECT TO CHANGE ALT, & 1/4# FLOS PER SACK 3% DISPERSENT, PF R & SHALE GUAR R, SHALE GUAR CONDITIONS	400 2000 8500 DUE TO HOLE CONDITION EAL 1% BONDING AGENT, .3% ROPOSED MUD PROGRAM RD. MW-9.0 VIS-31 D. MW-10.0 VIS-31 D, & AMMONIA NITRATE.	200 SX "C" w 1100 SX LEAI	12% CACL & 1/4# FLOSEAL MANAGES 12% CACL & 1/4# FLOSEAL 1200 KINES 20 & 500 SX TAIL ** Posted ID-/ N1 4 14 PI 3-14-97 & .2% SODIUM METASILICATE PER SACK ORIDES. MW-8.6 VIS-29	1) + 44
17 1/2" 12 1/4" 7 7/8" ALL CASING WILL BE NOTED TO THE PROPERT OF	13 3/8" H-40 8 5/8" J-55 5 1/2" J-55 EW, OR USED MEETING BI ULATED ON 13 3/8" AND 8 AND ADDITIVES ARE SUBJI 5 "C" POZ w/ 6% GEL, 5# S/ OZ w/ 2% GEL & 5# SALT P % KCL, .5% FLUID LOSS, .3 FRESH WATER w/ PAPE BRINE WATER w/ PAPE FRESH WATER w/ PAPE TO CHANGE DUE TO HOLE	48# ST&C 8RD 32# ST&C 8RD 17# LT&C 8RD 17# LT&C 8RD LM SPECS. 5/8" CASING. ECT TO CHANGE ALT, & 1/4# FLOS PER SACK 3% DISPERSENT, PF R & SHALE GUAR R, SHALE GUAR CONDITIONS	400 2000 8500 DUE TO HOLE CONDITION EAL 1% BONDING AGENT, .39 ROPOSED MUD PROGRAM RD. MW-9.0 VIS-31 D. MW-10.0 VIS-31 D. & AMMONIA NITRATE.	200 SX "C" w 1100 SX LEAI NS. RETARDER, W 28-30,000 CHL	72% CACL & 1/4# FLOSEAL MANAGES 1/2% CACL & 1/4# FLOSEAL 1200 KINES 2/2% CACL & 1/4# FLOSEAL 1200 KINES 2/2% SODIUM METASILICATE PER SACK ORIDES. MW-8.6 VIS-29	17 + 44
17 1/2" 12 1/4" 7 7/8" ALL CASING WILL BE N CEMENT WILL BE CIRC CEMENT QUANTITIES A FILLER CEMENT 35/66 * LEAD: 1100 SX "H" W/ 3 0-400 400-2000 3100-9100 MUD PROGRAM SUBJECT N ABOVE SPACE DESCRIBE I	13 3/8" H-40 8 5/8" J-55 5 1/2" J-55 5 1/2" J-55 EW, OR USED MEETING B ULATED ON 13 3/8" AND 8 AND ADDITIVES ARE SUBJI 5"C" POZ w/ 6% GEL, 5# SALT P % KCL, .5% FLUID LOSS, .3 FRESH WATER w/ PAPE BRINE WATER w/ PAPE FRESH WATER w/ PAPE TO CHANGE DUE TO HOLE PROPOSED PROGRAM: If proposal	48# ST&C 8RD 32# ST&C 8RD 17# LT&C 8RD 17# LT&C 8RD LM SPECS. 5/8" CASING. ECT TO CHANGE ALT, & 1/4# FLOS PER SACK 3% DISPERSENT, PF R & SHALE GUAR R, SHALE GUAR CONDITIONS LIS to deepen, give date and measured and trees	400 2000 8500 DUE TO HOLE CONDITION EAL 1% BONDING AGENT, .3% ROPOSED MUD PROGRAM RD. MW-9.0 VIS-31 D. MW-10.0 VIS-31 D. & AMMONIA NITRATE. a on present productive zone and present pr	200 SX "C" w 1100 SX LEAI NS. RETARDER, W 28-30,000 CHL Independent of the proposed new perpendent program	72% CACL & 1/4# FLOSEAL MANAGES 1/2% CACL & 1/4# FLOSEAL 1200 KINES 2/2% CACL & 1/4# FLOSEAL 1200 KINES 2/2% SODIUM METASILICATE PER SACK ORIDES. MW-8.6 VIS-29	17 + 1.00
17 1/2" 12 1/4" 7 7/8" LL CASING WILL BE N EMENT WILL BE CIRC EMENT QUANTITIES A FILLER CEMENT 35/66 LEAD: 1100 SX "H" W/ 3 0-400 400-2000 3100-9100 MUD PROGRAM SUBJECT N ABOVE SPACE DESCRIBE I eepen directionally, give percent	13 3/8" H-40 8 5/8" J-55 5 1/2" J-55 5 1/2" J-55 EW, OR USED MEETING BI ULATED ON 13 3/8" AND 8 AND ADDITIVES ARE SUBJI 5 "C" POZ w/ 6% GEL, 5# S/ OZ w/ 2% GEL & 5# SALT P % KCL, .5% FLUID LOSS, .3 FRESH WATER w/ PAPE BRINE WATER w/ PAPE FRESH WATER w/ PAPE TO CHANGE DUE TO HOLE	48# ST&C 8RD 32# ST&C 8RD 17# LT&C 8RD 17# LT&C 8RD LM SPECS. 5/8" CASING. ECT TO CHANGE ALT, & 1/4# FLOS PER SACK 3% DISPERSENT, PF R & SHALE GUAR R, SHALE GUAR CONDITIONS	400 2000 8500 DUE TO HOLE CONDITION EAL 1% BONDING AGENT, .3% ROPOSED MUD PROGRAM RD. MW-9.0 VIS-31 D. MW-10.0 VIS-31 D. & AMMONIA NITRATE. a on present productive zone and present pr	200 SX "C" w 1100 SX LEAI NS. RETARDER, W 28-30,000 CHL	72% CACL & 1/4# FLOSEAL MANAGES 1/2% CACL & 1/4# FLOSEAL 1200 KINES 2/2% CACL & 1/4# FLOSEAL 1200 KINES 2/2% SODIUM METASILICATE PER SACK ORIDES. MW-8.6 VIS-29	1) + 44
17 1/2" 12 1/4" 7 7/8" ALL CASING WILL BE NOTED TO SEMENT WILL BE CIRCUMENT QUANTITIES AFILLER CEMENT 35/66* * LEAD: 1100 SX "H" W/ 3 0-400 400-2000 3100-9100 MUD PROGRAM SUBJECT N ABOVE SPACE DESCRIBE In the second directionally, give performance of the second direction directionally, give performance of the second direction direction directionally, give performance of the second direction directi	13 3/8" H-40 8 5/8" J-55 5 1/2" J-55 5 1/2" J-55 EW, OR USED MEETING BI ULATED ON 13 3/8" AND 8 AND ADDITIVES ARE SUBJI 5 "C" POZ w/ 6% GEL, 5# S/ OZ w/ 2% GEL & 5# SALT P % KCL, .5% FLUID LOSS, .: FRESH WATER w/ PAPE BRINE WATER w/ PAPE FRESH WATER w/ PAPE TO CHANGE DUE TO HOLE PROPOSED PROGRAM: If proposal	48# ST&C 8RD 32# ST&C 8RD 17# LT&C 8RD 17# LT&C 8RD LM SPECS. 5/8" CASING. ECT TO CHANGE ALT, & 1/4# FLOS PER SACK 3% DISPERSENT, PF R & SHALE GUAR R, SHALE GUAR CONDITIONS LIS to deepen, give date and measured and trees	400 2000 8500 DUE TO HOLE CONDITION EAL 1% BONDING AGENT, .3% ROPOSED MUD PROGRAM RD. MW-9.0 VIS-31 D. MW-10.0 VIS-31 D. & AMMONIA NITRATE. a on present productive zone and present pr	200 SX "C" w 1100 SX LEAI NS. RETARDER, W 28-30,000 CHL Independent of the proposed new perpendent program	12% CACL & 1/4# FLOSEAL WANTESS 12% CACL & 1/4# FLOSEAL 1200 KINESS 12% CACL & 1/4# FLOSEAL 1200 KINESS 12% SOU SX TAIL ** Posted ID-/ NIL & API 3-14-97 & .2% SODIUM METASILICATE PER SACK ORIDES. MW-8.6 VIS-29 roductive zone. If proposal is to drill or n, if any.	17 + 44
17 1/2" 12 1/4" 7 7/8" ALL CASING WILL BE NOTED TO THE PROPERT OF	13 3/8" H-40 8 5/8" J-55 5 1/2" J-55 5 1/2" J-55 EW, OR USED MEETING BI ULATED ON 13 3/8" AND 8 AND ADDITIVES ARE SUBJI 5 "C" POZ w/ 6% GEL, 5# S/ OZ w/ 2% GEL & 5# SALT P % KCL, .5% FLUID LOSS, .: FRESH WATER w/ PAPE BRINE WATER w/ PAPE FRESH WATER w/ PAPE TO CHANGE DUE TO HOLE PROPOSED PROGRAM: If proposal	48# ST&C 8RD 32# ST&C 8RD 17# LT&C 8RD 17# LT&C 8RD LM SPECS. 5/8" CASING. ECT TO CHANGE ALT, & 1/4# FLOS PER SACK 3% DISPERSENT, PF R & SHALE GUAR R, SHALE GUAR CONDITIONS LIS to deepen, give date and measured and trees	400 2000 8500 DUE TO HOLE CONDITION EAL 1% BONDING AGENT, .3% ROPOSED MUD PROGRAM RD. MW-9.0 VIS-31 D. MW-10.0 VIS-31 D. & AMMONIA NITRATE. a on present productive zone and present pr	200 SX "C" w 1100 SX LEAI NS. RETARDER, W 28-30,000 CHL Independent of the proposed new perpendent program	12% CACL & 1/4# FLOSEAL WANTESS 12% CACL & 1/4# FLOSEAL 1200 KINESS 12% CACL & 1/4# FLOSEAL 1200 KINESS 12% SOU SX TAIL ** Posted ID-/ NIL & API 3-14-97 & .2% SODIUM METASILICATE PER SACK ORIDES. MW-8.6 VIS-29 roductive zone. If proposal is to drill or n, if any.	17 + 1.04
17 1/2" 12 1/4" 7 7/8" ALL CASING WILL BE NOTED TO SEMENT WILL BE CIRCUMENT QUANTITIES AFILLER CEMENT 35/68* * LEAD: 1100 SX "H" W/ 3 0-400 400-2000 3100-9100 MUD PROGRAM SUBJECT N ABOVE SPACE DESCRIBE IN BOVE SPACE FOR FEDERAL CONTINUE	13 3/8" H-40 8 5/8" J-55 5 1/2" J-55 5 1/2" J-55 EW, OR USED MEETING BI ULATED ON 13 3/8" AND 8 AND ADDITIVES ARE SUBJI 5 "C" POZ w/ 6% GEL, 5# S/ OZ w/ 2% GEL & 5# SALT P % KCL, .5% FLUID LOSS, .: FRESH WATER w/ PAPE BRINE WATER w/ PAPE FRESH WATER w/ PAPE TO CHANGE DUE TO HOLE PROPOSED PROGRAM: If proposal	48# ST&C 8RD 32# ST&C 8RD 17# LT&C 8RD 17# LT&C 8RD LM SPECS. 5/8" CASING. ECT TO CHANGE ALT, & 1/4# FLOS PER SACK 3% DISPERSENT, PF R & SHALE GUAR R, SHALE GUAR CONDITIONS LIS to deepen, give date and measured and trees	400 2000 8500 DUE TO HOLE CONDITION EAL 1% BONDING AGENT, .3% ROPOSED MUD PROGRAM RD. MW-9.0 VIS-31 D. MW-10.0 VIS-31 D. & AMMONIA NITRATE. a on present productive zone and present pr	200 SX "C" w 1100 SX LEAI NS. RETARDER, W 28-30,000 CHL Independent of the proposed new perpendent program	12% CACL & 1/4# FLOSEAL WANTESS 12% CACL & 1/4# FLOSEAL 1200 KINESS 12% CACL & 1/4# FLOSEAL 1200 KINESS 12% SOU SX TAIL ** Posted ID-/ NIL & API 3-14-97 & .2% SODIUM METASILICATE PER SACK ORIDES. MW-8.6 VIS-29 roductive zone. If proposal is to drill or n, if any.	17+44
17 1/2" 12 1/4" 7 7/8" ALL CASING WILL BE NOTED TO SEMENT WILL BE CIRCUMENT QUANTITIES AFILLER CEMENT 35/68* * LEAD: 1100 SX "H" W/ 3 O-400 400-2000 3100-9100 MUD PROGRAM SUBJECT N ABOVE SPACE DESCRIBE IN BEILD BEILD SIGNED THIS SPACE FOR FEDERAL CONTENT NO.	13 3/8" H-40 8 5/8" J-55 5 1/2" J-55 5 1/2" J-55 EW, OR USED MEETING BI ULATED ON 13 3/8" AND 8 AND ADDITIVES ARE SUBJI 5 "C" POZ w/ 6% GEL, 5# S/ OZ w/ 2% GEL & 5# SALT P % KCL, .5% FLUID LOSS, .: FRESH WATER w/ PAPE BRINE WATER w/ PAPE FRESH WATER w/ PAPE TO CHANGE DUE TO HOLE PROPOSED PROGRAM: If proposal Inent data on subsurface locations	48# ST&C 8RD 32# ST&C 8RD 17# LT&C 8RD 17# LT&C 8RD LM SPECS. 5/8" CASING. ECT TO CHANGE ALT, & 1/4# FLOS PER SACK 3% DISPERSENT, PR & SHALE GUARE R, SHALE GUARE CONDITIONS LIS to deepen, give date and measured and tre Bob Williams	400 2000 8500 DUE TO HOLE CONDITION EAL 1% BONDING AGENT, .3% ROPOSED MUD PROGRAM RD. MW-9.0 VIS-31 D. MW-10.0 VIS-31 D. & AMMONIA NITRATE. a on present productive zone and preventical depths. Give blowouth TITLE Drilling Su	200 SX "C" w 1100 SX LEAI NS. RETARDER, VI 28-30,000 CHL ad proposed new p preventer program perintendent	12% CACL & 1/4# FLOSEAL WANTESS 12% CACL & 1/4# FLOSEAL 1200 KINESS 12% CACL & 1/4# FLOSEAL 1200 KINESS 12% SOU SX TAIL ** Posted ID-/ NIL & API 3-14-97 & .2% SODIUM METASILICATE PER SACK ORIDES. MW-8.6 VIS-29 roductive zone. If proposal is to drill or n, if any.	17 + 44
17 1/2" 12 1/4" 7 7/8" ALL CASING WILL BE NOT COME TO THE PROOF TO THE SPACE FOR FEDERAL COME TO THE SP	13 3/8" H-40 8 5/8" J-55 5 1/2" J-55 5 1/2" J-55 EW, OR USED MEETING BI ULATED ON 13 3/8" AND 8 AND ADDITIVES ARE SUBJI 5 "C" POZ w/ 6% GEL, 5# S/ OZ w/ 2% GEL & 5# SALT P % KCL, .5% FLUID LOSS, .: FRESH WATER w/ PAPE BRINE WATER w/ PAPE FRESH WATER w/ PAPE TO CHANGE DUE TO HOLE PROPOSED PROGRAM: If proposal Inent data on subsurface locations OR STATE OFFICE USE)	48# ST&C 8RD 32# ST&C 8RD 17# LT&C 8RD 17# LT&C 8RD LM SPECS. 5/8" CASING. ECT TO CHANGE ALT, & 1/4# FLOS PER SACK 3% DISPERSENT, PR & SHALE GUARE R, SHALE GUARE CONDITIONS LIS to deepen, give date and measured and tre Bob Williams	400 2000 8500 DUE TO HOLE CONDITION EAL 1% BONDING AGENT, .3% ROPOSED MUD PROGRAM RD. MW-9.0 VIS-31 D. MW-10.0 VIS-31 D. & AMMONIA NITRATE. a on present productive zone and preventical depths. Give blowouth TITLE Drilling Su	200 SX "C" w 1100 SX LEAI NS. RETARDER, VI 28-30,000 CHL ad proposed new p preventer program perintendent	72% CACL & 1/4# FLOSEAL MANNESS 72% CACL & 1/4# FLOSEAL 1200% FINESS 72% CACL & 1/4# FLOSEAL 1200% FINESS 72% SODIUM METASILICATE PER SACK ORIDES. MW-8.6 VIS-29 roductive zone. If proposal is to drill or n, if any. DATE January 14,1997	77 + 1.4
17 1/2" 12 1/4" 7 7/8" ALL CASING WILL BE NOT CEMENT WILL BE CIRCUMENT QUANTITIES AS FILLER CEMENT 35/68 TAIL: 500 SX "H" W/ 3 0-400 400-2000 3100-9100 MUD PROGRAM SUBJECT N ABOVE SPACE DESCRIBE IN CHECK COMMENT AND COMMENT NO. PERMIT NO. PERMIT NO. CONDITIONS OF APPROVAL INCOME	13 3/8" H-40 8 5/8" J-55 5 1/2" J-55 5 1/2" J-55 EW, OR USED MEETING BI ULATED ON 13 3/8" AND 8 AND ADDITIVES ARE SUBJI 5 "C" POZ w/ 6% GEL, 5# S/ OZ w/ 2% GEL & 5# SALT P % KCL, .5% FLUID LOSS, .3 FRESH WATER w/ PAPE BRINE WATER w/ PAPE FRESH WATER w/ PAPE TO CHANGE DUE TO HOLE PROPOSED PROGRAM: If proposal Inent data on subsurface locations OF STATE OFFICE USE) WANT OR CERTIFY THAT THE APPLICANT HOLDS F ANY:	48# ST&C 8RD 32# ST&C 8RD 17# LT&C 8RD 17# LT&C 8RD LM SPECS. 5/8" CASING. ECT TO CHANGE ALT, & 1/4# FLOS PER SACK 3% DISPERSENT, PR R & SHALE GUARE R, SHALE GUARE CONDITIONS LIS to deepen, give date and measured and true Bob Williams	400 2000 8500 DUE TO HOLE CONDITION EAL 1% BONDING AGENT, .3% ROPOSED MUD PROGRAM RD. MW-9.0 VIS-31 D. MW-10.0 VIS-31 D. & AMMONIA NITRATE. a on present productive zone and preventical depths. Give blowouth TITLE Drilling Su	200 SX "C" w 1100 SX LEAI NS. RETARDER, VI 28-30,000 CHL ad proposed new p preventer program perintendent	72% CACL & 1/4# FLOSEAL MANNESS 72% CACL & 1/4# FLOSEAL 1200% FINESS 72% CACL & 1/4# FLOSEAL 1200% FINESS 72% SODIUM METASILICATE PER SACK ORIDES. MW-8.6 VIS-29 roductive zone. If proposal is to drill or n, if any. DATE January 14,1997	17 + 1.24
17 1/2" 12 1/4" 7 7/8" ALL CASING WILL BE NOT SEMENT WILL BE CIRCUMENT QUANTITIES AS FILLER CEMENT 35/68 * LEAD: 1100 SX "H" W/ 3 O-400 400-2000 3100-9100 MUD PROGRAM SUBJECT N ABOVE SPACE DESCRIBE IN SIGNED SIGNED DEFINITION APPROVAL DOES NOT WARF CONDITIONS OF APPROVAL IN CONDITIONS OF APPROVAL	13 3/8" H-40 8 5/8" J-55 5 1/2" J-55 5 1/2" J-55 EW, OR USED MEETING BI ULATED ON 13 3/8" AND 8 AND ADDITIVES ARE SUBJI 5 "C" POZ w/ 6% GEL, 5# S/ OZ w/ 2% GEL & 5# SALT P % KCL, .5% FLUID LOSS, .: FRESH WATER w/ PAPE BRINE WATER w/ PAPE FRESH WATER w/ PAPE TO CHANGE DUE TO HOLE PROPOSED PROGRAM: If proposal Inent data on subsurface locations OR STATE OFFICE USE)	48# ST&C 8RD 32# ST&C 8RD 17# LT&C 8RD 17# LT&C 8RD LM SPECS. 5/8" CASING. ECT TO CHANGE ALT, & 1/4# FLOS PER SACK 3% DISPERSENT, PR R & SHALE GUARE R, SHALE GUARE CONDITIONS LIS to deepen, give date and measured and true Bob Williams	400 2000 8500 DUE TO HOLE CONDITION EAL 1% BONDING AGENT, .3% ROPOSED MUD PROGRAM RD. MW-9.0 VIS-31 D. MW-10.0 VIS-31 D. & AMMONIA NITRATE. a on present productive zone and the vertical depths. Give blowout TITLE Drilling Su APPROVAL DATE THOSE RIGHTS IN THE SUBJECT LEASE WHO	200 SX "C" w 1100 SX LEAI NS. RETARDER, VI 28-30,000 CHL ad proposed new p preventer program perintendent	72% CACL & 1/4# FLOSEAL MANES 1/2% CACL & 1/4# FLOSEAL 1200 FM PRODUCT OPERATIONS THEREON.	17 + 124

GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

SUBJECT TO SIKE APPROVAL BY STATE FOR UNORTHODOX LONDTIAN

DISTRICT I P.O. Box 1960, Hobbs, NM 882-1-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

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

DISTRICT II P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III 1000 Rio Brazos Rd., Artec, NM 87410

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

DISTRICT IV P.O. Box 2088, Santa Fe, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-29416	Shugart Bone Spring					
Property Code	Property Name PARKER "5" FEDERAL					
OGRID No.		perator Name	····	Elevation		
010179	HARVEY E. YATES COMPANY					
	Sur	face Location				

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	5	18 S	31 E	:	1310	SOUTH	1330	WEST	EDDY

Bottom Hole Location If Different From Surface

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 o	r Infill Co	onsolidation (Code Or	der No.				
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

	ON 11 11011 511E1		EN APPROVED BY TH	
·				OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
LOT 4 39.97 AC.	LOT 3 39.99 AC.	LOT 2 40.01 AC.	LOT 1 40.03 AC.	Bob Williams Bob Williams
	 			Printed Name Drilling Superintendent Title 1/21/97 Date
				SURVEYOR 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 supervison and that the same is true and correct to the best of my belief.
3699.0'	3702.0'		 	JANUARY 16, 1997 Date Surveyed JLP Signature & Seal of Professional Surveyor
3694.5	3702.0° HEYCO et al NM-68040			Profes Suban 1-17-97 W.D. Vum. 97-11-0075
				Certificate No. JOHN W. WEST, 676 RONALD J. CIDSON, 3239 GARY G. EIDSON, 12641

Harvey E. Yates Company Parker 5 Federal #5 1310' FSL & 1330' FWL Sec. 5, T18S, R31E Eddy Co., N.M. KILL LINE 2" 8 5/8" WELL HEAD BLIND RAMS PIPE RAMS ANNULAR FLOW NIPPLE EXHIBIT C BOP STACK 900 SERIES RATED @ 5,000 PSI FLOW LINE VALVE ADJ. CHOKE VALVE Ş 4" TO RESERVE PIT 2" TO MUD PIT 2" TO MUD PIT