Submit 1 Copy To Appropriate District Office	State of N	•				,	m C-103
District I (575) 202 (161	Energy, Minerals a	and Natu	ral Resources	S _	WILL ADINO	Octob	er 13, 2009
1625 N. French Dr., Hobbs, NM 88240 District II – (575) 748-1283	OBS OIL CONSERV				WELL API NO. 30-025-32931		1
811 S. First St., Artesia, NM 88210	OIL CONSERV	ATION	DIVISION	<u> </u>	5. Indicate Type of I	Lease	
District III – (505) 334-6178 1000 Rio Brazos Rd., Aztec, NM 87410	220 South	St. Fran	ncis Dr.		STATÉ 🛛	FEE [	
<u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM	DEBS OF LICONSERV SEP 16 2013 220 South Santa Fe	, NM 87	/505		6. State Oil & Gas I	ease No.	
87505 SUNDRY NOT	TICES AND REPORTS ON	WELLS			7. Lease Name or U	nit Agreemer	nt Name
(DO NOT USE THIS FORM FOR PROPU DIFFERENT RESERVOIR. USE "APPL PROPOSALS.)	OSALS TO DRILL OR TO DEEP	EN OR PL	UG BACK TO A		CAPROCK MALJA	AMAR UNIT	
1. Type of Well: Oil Well	Gas Well  Other				8. Well Number: 16	54	
2. Name of Operator LINN OPERATING, INC.					9. OGRID Number	269324	
3. Address of Operator					10. Pool name or W		_
600 TRAVIS, SUITE 5100, HOU	STON, TEXAS 77002				MALJAMAR;GRAY ANDRES	∕BURG-SAN	1
4. Well Location							
Unit Letter M;	269 feet from the	<u>S</u>	line and	_23_	feet from the	<u>W</u>	_line /
Section 17	Township	17S	Range	33E	NMPM	LEA	County
The state of the s	11. Elevation (Show wh	ether DR,	, RKB, RT, GR,	, etc.)			
12. Check Appropriate Box	4,207' GR	Intina D	Conort or Oth	or Do	nto		
12. Check Appropriate Box	to marcate Nature of N	ionce, R	report of Offi	iei Da	ııa		
NOTICE OF I	NTENTION TO:		S	SUBS	<b>EQUENT REPO</b>	ORT OF:	
PERFORM REMEDIAL WORK	_	$\boxtimes$	REMEDIAL V		<del></del>	TERING CA	SING 🗌
TEMPORARILY ABANDON	CHANGE PLANS				<del></del>	AND A	
PULL OR ALTER CASING			CASING/CEN	MENI	JOB □	•	
DOWNHOLE COMMINGLE	l	_					
OTHER:			OTHER:				Ш
13. Describe proposed or com of starting any proposed v proposed completion or re	vork). SEE RULE 19.15.7.						
Proposed P&A Procedures –							
1. MIRU plugging equip. NU I	ROP		21	SX			
2. RIH and set 5-1/2 CIBP @ 4		l laden f	-		mt on ton of nlug	4150-4050	<b>\</b>
3. Spot 26 sx cmt @ 2485-23		iauciii	idid. Spot 20	) 3/ CI	int on top of plug	4130-4030	·•
4. Spot 45 sx cmt @ 1508-12		مم ماریج/	MOC 9. Tag				
5. Spot 40 sx cmt @ 350 - sui		be plug)	WOC & Tag	•			
•							
6. Cut off wellhead and weld	·						
* Use Closed Loop System to circ				_		_	
Spud Date:	Rig R	telease Da	ate:				
T1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1	1	1 1	11 1' 6		
I hereby certify that the information	above is true and complete	e to the b	est of my know	vieage	and belief.		
SIGNATURE SALLA	TITLE:	REG C	OMPLIANCE	SPEC	IALIST III DATE	<u>SEPTEMBEI</u>	R 13, 2013
Type or print name TERRY B. CA	<u>LLAHAN</u> E-n	nail addre	ess: <u>tcallahan@</u>	<u> ()linner</u>	nergy.com PHON	IE: <u>281-840-4</u>	<u> 1272</u>
For State Use Only	) / /	$\tilde{\gamma}$	1			2	
APPROVED BY	TITL	L)15)	t. MA	<u> </u>	DATE	1-18-2	1013
Conditions of Approval (if any):	OIL CONSERVATION DIVISI	ON - Hobb	s office Must Be	Notifie	d ·		~ /
	24 hours prior to the beginning	ng of Plugg	ing Operations.		SEP 28 2013	_	ž /
		ry maken		2	DEL TO TO 19	•	`

Contains   29 * 58. 53 * 7 * 10.   Contains   29 * 58. 53 * 7 * 10.   Contains   29 * 58. 53 * 7 * 10.   Contains   29 * 58. 53 * 7 * 10.   Contains   29 * 58. 53 * 7 * 10.   Contains   29 * 58. 53 * 7 * 10.   Contains   29 * 58. 53 * 7 * 10.   Contains   29 * 58. 53 * 7 * 10.   Contains   29 * 58. 53 * 7 * 10.   Contains   20 * 20 * 20 * 20 * 20 * 20 * 20 * 20	CMU #164   30-025-32931   4/19/1995   8/13/2013 R. Van Howe   12 1/4   8-5/8", 24#, 1-55   600 sx   1320"   Circ cmt to Surf
Coartine	30-025-32931 4/19/1995 8/13/2013 R. Van Howe  12 1/4 8-5/8*, 24#, 1-55 600 sx 1320* Circ cmt to Surf  Perf'd 4727'-4792*  Perf'd 4491'-4569* Perf'd 4194'-4389*  Ferf'd 4194'-4389*  Acidize/3000 gal 15% NEFE acid and 30 ball sealers re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
Internation   269 Fig. 8 27 FWS   Sect 17	### ### ##############################
Web Update:	### ### ##############################
Society   Use   Content   Use   Use   Content   Use   Us	12 1/4 8-5/8", 24#, 1-55 600 sx 1320' Circ cmt to Surf  tions  Perf'd 4727'-4792'  Perf'd 4491'-4369' PerFd 4194'-4389'  'reatment Details  Acidize/3000 gal 15% NEFE acid and 30 ball sealers re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
Store	8-5/8", 24#, 1-55 600 sx 1320' Circ cmt to Surf  tions  Perf'd 4727'-4792'  Perf'd 4491'-4569' Perf'd 4194'-4389'  'reatment Details  Acidize/3000 gal 15% NEFE acid and 30 ball sealers re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
Surf Cog   Content   Seed   Seed   Content   Seed   Con	8-5/8", 24#, 1-55 600 sx 1320' Circ cmt to Surf  tions  Perf'd 4727'-4792'  Perf'd 4491'-4569' Perf'd 4194'-4389'  'reatment Details  Acidize/3000 gal 15% NEFE acid and 30 ball sealers re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
Depth:   TOC.	tions  Perf'd 4727'-4792'  Perf'd 4491'-4569'  Perf'd 4194'-4389'  Featment Details  Acidize/3000 gal 15% NEFE acid and 30 ball sealers  re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
Cit	tions  Perf'd 4727'-4792'  Perf'd 4491'-4569'  Perf'd 4194'-4389'  Treatment Details  Acidize/3000 gal 15% NEFE acid and 30 ball sealers  re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
God	tions  Perf'd 4727'-4792'  Perf'd 4491'-4569'  Perf'd 4194'-4389'  "reatment Details  Acidize/3000 gal 15% NEFE acid and 30 ball sealers  re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
Disc   City	Perf'd 4727'-4792'  Perf'd 4491'-4569'  Perf'd 4194'-4389'  Treatment Details  Acidize/3000 gal 15% NEFE acid and 30 ball sealers  re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
Case	Perf'd 4727'-4792'  Perf'd 4491'-4569'  Perf'd 4194'-4389'  Treatment Details  Acidize/3000 gal 15% NEFE acid and 30 ball sealers  re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
Comment Blend:   Returns:   10C:	Perf'd 4727'-4792'  Perf'd 4491'-4569'  Perf'd 4194'-4389'  Treatment Details  Acidize/3000 gal 15% NEFE acid and 30 ball sealers  re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
Date 4/19/1995	Perf'd 4727'-4792'  Perf'd 4491'-4569'  Perf'd 4194'-4389'  Treatment Details  Acidize/3000 gal 15% NEFE acid and 30 ball sealers  re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
Date 4/19/1995	Perf'd 4727'-4792'  Perf'd 4491'-4569'  Perf'd 4194'-4389'  Treatment Details  Acidize/3000 gal 15% NEFE acid and 30 ball sealers  re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
Dote	Perf'd 4727'-4792'  Perf'd 4491'-4569'  Perf'd 4194'-4389'  Treatment Details  Acidize/3000 gal 15% NEFE acid and 30 ball sealers  re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
Date	Perf'd 4727'-4792'  Perf'd 4491'-4569'  Perf'd 4194'-4389'  Treatment Details  Acidize/3000 gal 15% NEFE acid and 30 ball sealers  re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
Details of Part  Tagged P8TD © \$5.000; Pert of Jackson and (4,707; 28); 52; 53; 57; 58; 65; 66; 67; 78; 78; 79; 19; 22; © 1 spt (13) holes) Pert of Vacuum zone (4,491; 477; 28); 53; 57; 58; 65; 66; 67; 78; 78; 79; 19; 22; © 1 spt (13) holes) Pert of Vacuum zone (4,491; 92; 93; 94; 95; 4,501; 05; 67; 68; 69; © 1 spf (10) holes); Rilt year of Caryburg zones (4,184; 85; 4,218; 20; 21; 22; 35; 48; 66; 67; 77; 78; 79; 92; 93; 99; 4,3311; 12; 71; 72; 52; 67; 72; 87; 93; 40; 52; 53; 67; 68; 67; 77; 78; 79; 92; 93; 99; 4,3311; 12; 71; 72; 52; 67; 72; 87; 93; 40; 52; 53; 67; 68; 67; 77; 78; 79; 92; 93; 99; 4,3311; 12; 71; 72; 52; 67; 72; 87; 93; 40; 52; 53; 67; 68; 67; 77; 78; 79; 92; 93; 99; 4,3311; 12; 71; 73; 52; 67; 72; 73; 73; 73; 74; 75; 75; 75; 88; 96; 1 spf (15) holes); Rilt wy Spf(1995)  First Caryburg zones (1,344; 1,385; 1,218; 20; 72; 12; 22; 35; 48; 66; 67; 77; 78; 79; 92; 93; 99; 4,3311; 12; 71; 73; 52; 67; 72; 73; 73; 74; 75; 75; 75; 75; 75; 75; 75; 75; 75; 75	Perf'd 4727'-4792'  Perf'd 4491'-4569'  Perf'd 4194'-4389'  Treatment Details  Acidize/3000 gal 15% NEFE acid and 30 ball sealers  re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
Details of Part  Tagged P8TD # 5.000; Perf 3 Jaschson 19th 4,747,7,875,753,575,585,656,677,787,79,191,92 @ 1 spr (13 hole) Perf 3 Jaschson 19th 4,747,7,875,753,575,585,656,677,787,79,191,92 @ 1 spr (13 hole) Perf 3 Jaschson 19th 4,747,7,875,753,575,585,555,575,575,575,575,575,575,575	Perf'd 4727'-4792'  Perf'd 4491'-4569'  Perf'd 4194'-4389'  Treatment Details  Acidize/3000 gal 15% NEFE acid and 30 ball sealers  re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
sof (13 holes) Perf d Vacuum none (# A,91', 92', 93', 94', 95', 4,501', 05', 67', 68', 69' @ 1 sof (10 holes); RIH w/R & RIP @ A,510'; Set RRP @ 4,610';  Perf d Grayburg sones (# 4,184', 85', 4,218', 20', 21', 22', 35', 48', 66', 67', 77', 78', 79', 92', 93', 96', 4,311', 12', 17', 25', 26', 27', 28', 39', 40', 52', 53', 69', 70', 80', 81', 28', 28', 88' @ 1 sof (36 holes); RIH w// retails sone 4,184'-4,38' (36 holes); Pump (7,100 gals 35'R lines get + 95,000# (1,13#/qsil) 20/40 sand 5/10/395'  RIH w/ retails sone 4,184'-4,38' (36 holes); Pump (7,100 gals 35'R lines get + 95,000# (1,13#/qsil) 20/40 sand 5/10/395'  RIH w/ retails sone 4,184'-4,38' (36 holes); Pump (7,100 gals 35'R lines get + 95,000# (1,3#/qsil) 20/40 sand 5/10/395'  RIH w/ retails sone 10 holes with sone 10 holes; Pump (7,100 gals 35'R lines get + 95,000# (1,3#/qsil) 20/40 sand 5/10/395'  F5/17/1995  RIH w/ retails sone 10 holes; Pump (7,100 gals 15'R lines get + 95,000# (1,3#/qsil) 20/40 sand 5/10/395'  F5/17/1995  RIH w/ retails sone 10 holes; Pump (1,000 gal 15'R lines get + 95,000# (1,3#/qsil) 20/40 sand 5/10/395'  F5/17/1995  RIH w/ retails sone 10 holes; Pump (1,000 gal 15'R lines get + 95,000# (1,3#/qsil) 20/40 sand 5/10/395'  F5/17/1995  RIH w/ retails sone 10 holes; Pump (1,000 gal 15'R lines get add down tubing a gut to 4,13#',50 1 hr. F1/1995  F	Perf'd 4491'-4569'  Perf'd 4194'-4389'  Teatment Details  Acidize/3000 gal 15% NEFE acid and 30 ball sealers  re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
5/2/1995   W/ RP & ptr; Set RBP @ 4,810;	Perf'd 4491'-4569'  Perf'd 4194'-4389'  Teatment Details  Acidize/3000 gal 15% NEFE acid and 30 ball sealers  re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
Perfd Grayburg zones 1/4 4,184*, 85', 4,218', 20', 21', 22', 35', 48', 66', 67', 77', 78', 79', 97', 93', 96', 4,311', 12', 17', 25', 26', 27', 28', 39', 40', 50', 70', 80', 51', 28', 28', 81', 91', 59', 61', 61', 61', 61', 61', 61', 61', 61	Perf'd 4491'-4569'  Perf'd 4194'-4389'  Teatment Details  Acidize/3000 gal 15% NEFE acid and 30 ball sealers  re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
12; 17; 23; 26; 27; 28; 39; 40; 52; 53; 62; 63; 69; 70; 80; 81; 82; 87; 8, 89' @ 1 spf (38 holes); RIH W   REP	Perf'd 4194'-4389'  "reatment Details  Acidize/3000 gal 15% NEFE acid and 30 ball sealers  re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
5/8/1995   RB P& phy: Set RBP @ 4,310"   Sholes): Pump 74,100 gals 35H liner gel + 95,000# (1-3H/gal) 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 95,000# (1-3H/gal) 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 95,000# (1-3H/gal) 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 95,000# (1-3H/gal) 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 95,000# (1-3H/gal) 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 95,000# (1-3H/gal) 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 95,000# (1-3H/gal) 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 95,000# (1-3H/gal) 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 95,000# (1-3H/gal) 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 95,000# (1-3H/gal) 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 95,000# (1-3H/gal) 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 95,000# (1-3H/gal) 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 95,000# (1-3H/gal) 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 95,000# (1-3H/gal) 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 95,000# (1-3H/gal) 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 95,000# (1-3H/gal) 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 95,000# (1-3H/gal) 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 95,000# (1-3H/gal) 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 95,000# (1-3H/gal) 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 95,000# (1-3H/gal) 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 95,000# (1-3H/gal) 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 95,000# (1-3H/gal) 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 95,000# (1-3H/gal) 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 95,000# (1-3H/gal) 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 96,400 for the sand 10,000 gals 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 96,400 for the sand 10,000 gals 20/40 sand   Sholes): Pump 74,100 gals 35H liner gel + 96,400 for	Perf'd 4194'-4389'  "reatment Details  Acidize/3000 gal 15% NEFE acid and 30 ball sealers  re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
Frac Carayburg zone 4,184-14,389 (36 holes), Pump 74,100 gale 358 timer get 4 95,000 (12-18/gal) 20/40 cand 4,40,000 12/02 cand). TOH, Howeve well back to frac tank.	Perf'd 4194'-4389'  "reatment Details  Acidize/3000 gal 15% NEFE acid and 30 ball sealers  re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
\$/10/1959. 4 4,000 u1/2/0 sand. TOH. Howed well back to fract tank.    S/15/1995	reatment Details  Acidize/3000 gal 15% NEFE acid and 30 ball sealers  re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
RIH w/ retrieving tool and 2-7/8" tbg. Release RBP @ 4,430". TOH. LD RBP. RIH. Release RBP @ 4,510". TOH. Left well flowing to first cank.  5/17/1995 RIH w/ prod equipment. Initial potential test: 24-hr test: 114 BOPD, 46MCFD, 492 8WPD  POW w/ prod equipment. Initial potential test: 24-hr test: 114 BOPD, 46MCFD, 492 8WPD  POW w/ prod equip and tbg. RIH w/CIBP & 2,778" tbg to 4,100". Set CIBP@ 4,130". Sto 1 hr.  1/39/1998 W.N. RDMO. Well IS TA'.  RIH w/ 4" filling bailer. Tag CIBP@ 4,128". Knocked CIBP loose @ 4,130". Encountered large water flow.  Received 300 bits fluid in 1 hr. Hooked up WH to flow down to CMU battery "A".  RIH w/ 4" filling bailer. Tag CIBP@ 93,420". Knocked CIBP tod 3,337". Would not continue w/ well flowing. POH. RD BOP. NIU WH. Left well flowing to CMU battery "A". RDMO. Pending engineering explanation.  RIH w/4" a filling bailer. Tag CIBP@ 3,420". Knocked CIBP down to 4,337". Would not go further. POH & LD bailer.  RU reverse unit. RIH w/4"-3/4" cone bit and 3-1/2" DC's on 2-7/8" tbg. Tag CIBP@ 4,337". Drill to 4,502".  9/29/2003 CMU Battery "A".  RIH w/ prod equip. Tbg @4,140". SN @ 4,105". RD BOP NU WH RIH w/ rods and pump. Left well pumping to 4,124". 4389"  4184"-4389"  130/1459  140/1459	Acidize/3000 gal 15% NEFE acid and 30 ball sealers re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
\$17/7/995 Milt w/p rod equipment. Initial potential test: 24-br test: 114 BOPD, 46M/CD, 492 BWPD    5/22/1997 Fib w/p rod equipment pand togo gal 15% NEFE acid down tubing & up to 4,184*. 50 1 hr.	Acidize/3000 gal 15% NEFE acid and 30 ball sealers re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
FOH w/p rood equip. RU HES & pumped 1,000 gal 15% NEFE acid down tubing & up to 4,184*. 50 1 hr.	Acidize/3000 gal 15% NEFE acid and 30 ball sealers re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
Fushed with water 10 bit over the and csc.   POH w/ priod equip and the, Rith w/CIBP & 2-7/8" the to 4,100". Set CIBP @ 4,100". POH w/the, ND BOP, NU   1/29/1998   Rith w/CIBP & 2-7/8" the to 4,100". Set CIBP @ 4,100". POH w/the, ND BOP, NU   1/29/1998   Rith w/ ard rilling baller. Tag CIBP@4,128". Knocked CIBP loose @ 4,130". Encountered large water flow.   Rith w/ =3/4" bit & 5-1/2" scraper on 2-7/8" the, Tag @ 3,812". Worked CIBP to 3,835". Could not continue   w/ well flowing POH. RD BOP. NU WH. Left well flowing to CMU battery "A". RDMO. Pending engineering   evaluation.   Rith w/ ard rilling bailer. Tag CIBP@4,320". Knocked CIBP down to 4,337". Would not go further. POH & LD bailer.   RD color and DC's.   RIth w/ ard rilling bailer. Tag CIBP@3,420". Knocked CIBP down to 4,337". Drill to 4,502".   POH. LD tools and DC's.   RIth w/ prod equip. Tbg @4,140". SN @ 4,105". RD BOP NU WH RIH w/ rods and pump. Left well pumping to CMU Battery "A".   Ard 4,4389"   4184". A1892"   A184". A1892"	Acidize/3000 gal 15% NEFE acid and 30 ball sealers re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
1/25/1998   W.H. RDMO, Well is TA'G.	Acidize/3000 gal 15% NEFE acid and 30 ball sealers re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
Rith w// 4" drilling baller. Tag CIBP@4,128'. Knocked CIBP loose @ 4,130'. Encountered large water flow.   Rith w/ 4-3/4" bit & 5-1/2" scraper on 2-7/8" tbg. Tag @ 3,812'. Worked CIBP to 3,835'. Could not continue w/ well flowing. POH. Rib B.O.P. NU WH. Left well flowing to CMU battery "A". RIbMO. Pending engineering evaluation.   Rith w/4-3/4" drilling bailer. Tag CIBP @3,420'. Knocked CIBP down to 4,337'. Would not go further. POH & LD bailer.   Rith w/4-3/4" cone bit and 3-1/2" PC's on 2-7/8" tbg. Tag CIBP @ 4,337'. Drill to 4,502'.   POH. LD tools and DC's.   Rill w/ prod equip. Tbg @4,140'. SN @ 4,105'. RD BOP NU WH RIH w/ rods and pump. Left well pumping to CMU Battery "A".   CMU Battery "A".   Rill w/ prod equip. Tbg @4,140'. SN @ 4,105'. RD BOP NU WH RIH w/ rods and pump. Left well pumping to 4,122'.   Rill w/ prod equip. Tbg @4,140'. SN @4,105'. RD BOP NU WH RIH w/ rods and pump. Left well pumping to 4,124'.   Rill w/ prod equip. Tbg @4,140'. SN @4,105'. RD BOP NU WH RIH w/ rods and pump. Left well pumping to 4,124'.   Rill w/ prod equip. Tbg @4,140'. SN @4,105'. RD BOP NU WH RIH w/ rods and pump. Left well pumping to 4,124'.   Rill w/ prod equip. Tbg @4,140'. SN @4,105'. RD BOP NU WH RIH w/ rods and pump. Left well pumping to 4,124'.   Rill w/ prod equip. Tbg @4,140'. SN @4,140'. S	Acidize/3000 gal 15% NEFE acid and 30 ball sealers re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
6/24/2003   Received 300 bibs fluid in 1 hr. Hooked up WH to flow down to CMU battery "A".   RIH w/ 4-3/4" bit & 5-1/2" scraper on 2-7/8" tg, Tag @ 3,812'. Worked CIBP to 3,835'. Could not continue w/ well flowing. POH. RD BOP. NU WH. Left well flowing to CMU battery "A". RDMO. Pending engineering evaluation.   RIH w/4" drilling bailer. Tag CIBP @ 3,420'. Knocked CIBP down to 4,337'. Would not go further. POH & LD bailer.   RU reverse unit. RIH w/4-3/4" cone bit and 3-1/2" DC's on 2-7/8" tg, Tag CIBP @ 4,337'. Drill to 4,502'.   POH. LD tools and DC's.   RIH w/ prod equip. Tbg @4,140'. SN @ 4,105'. RD BOP NU WH RIH w/ rods and pump. Left well pumping to (MU Battery "A".   Add or Fracture w/ well pumping to (MU Battery "A".   Add or Fracture w/ well pumping to (S/2/1995)   A727'-4792' A491'-4569' A184'-4389' (S/22/1997)   A184'-4389' (S/	Acidize/3000 gal 15% NEFE acid and 30 ball sealers re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
b/25/2003 w/ well flowing. POH. RD BOP. NU WH. Left well flowing to CMU battery "A". RDMO. Pending engineering evaluation.  RIR Hw/4" drilling bailer. Tag CIBP @3,420". Knocked CIBP down to 4,337". Would not go further. POH & LD bailer.  RIV reverse unit. RIH w/4-3/4" cone bit and 3-1/2" DC's on 2-7/8" tbg. Tag CIBP @ 4,337". Drill to 4,502".  POH. LD tools and DC's.  RIH w/ prod equip. Tbg @4,140". SN @ 4,105". RD BOP NU WH RIH w/ rods and pump. Left well pumping to CMU Battery "A".  CMU Battery "A".  4727'-4792' 4491'-4569' 4184'-4389' 5(5/21/1997) 4184'-4792'  Joints  SN dept	re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
S/25/2003   evaluation.   RIH w/4" drilling bailer. Tag CIBP @3,420". Knocked CIBP down to 4,337". Would not go further. POH & LD   bailer.   Simple of the property of the	re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
RIH w/4" drilling bailer. Tag CIBP @3,420'. Knocked CIBP down to 4,337'. Would not go further. POH & LD bailer.  ### RU reverse unit. RiH w/4-3/4" cone bit and 3-1/2" DC's on 2-7/8" tbg. Tag CIBP @ 4,337'. Drill to 4,502'.  ### POH. LD tools and DC's.  ### RIH w/ prod equip. Tbg @4,140'. SN @ 4,105'. RD BOP NU WH RIH w/ rods and pump. Left well pumping to CMU Battery "A".  ### A189'  ### A184'-4389'  ### A184'-	re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
RI ureverse unit. RIH w/4-3/4" cone bit and 3-1/2" DC's on 2-7/8" tbg. Tag CIBP @ 4,337". Drill to 4,502". POH. LD tools and DC's. RIH w/ prod equip. Tbg @ 4,140". SN @ 4,105". RD BOP NU WH RIH w/ rods and pump. Left well pumping to 4727"-4792"  4727"-4792" 4491"-4569" 4184"-4389" 4184"-4389" 5192" 5194"	re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
9/27/2003 POH. LD tools and DC's. RIH w/ prod equip. Tbg @4,140'. SN @ 4,105'. RD BOP NU WH RIH w/ rods and pump. Left well pumping to (MU Battery "A".  4727'-4792' 4491'-4569' 4184'-4389' (5/22/1997) 4184'-4792'  Joints  SN dept	re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
RIH w/ prod equip. Tbg @4,140". SN @ 4,105". RD BOP NU WH RIH w/ rods and pump. Left well pumping to CMU Battery "A".  4727"-4792' 4491"-4389' 4184"-4389' (5/22/1997) 4184"-4792'  Joints  SN dept	re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers
4491'-4569' 4184'-4389' 4184'-4389' (5/22/1997) 4184'-4792'  Joints  SN dept	
4184-4389' 4184'-4389' (5/22/1997) 4184'-4792'  Joints  SN dept	Aridize/3000 gal 15% NFFF acid and 25 ball spalers
4184'4389' (5/22/1997) 4184'4792'  Joints  SN dept	Acidize/3000 gal 15% NEFE acid and 25 ball sealers Acidize/3000 gal 15% NEFE acid and 80 ball sealers
(5/22/1997) 4184-4792'  Joints  SN dept	Frac w/ 74,100 gals 35# gel + 95,000# (1-3#/gal) 20/40 +
	44,000# 12/20 sd
Joints   SN dept   SN de	Acidized w/ 1000 gal 15% NEFE acid
SN dept	Heldred W. 1999 Sai 1570 Hell Edeld
SN dept	
SN dept	Tubing Detail Description
O O 4,184-4,389' Rods	2.7/8
O O 4,184-4,389' Rods	AGAE'
O O 4,184-4,389' Rods	4815
Q Q 4,184-4,389' Rods	
O Q 4,184-4,359 ROOS	Rod Detail (top to bottom)  Description
	Description
<u> </u>	
Pumping Unit:  0 4,491-4,569'	
0 4,491-4,569'	
o o 4,727'-4,792'	
Hole Size:	7.7/0
Prod Csg:	1 1/8
Capacity (bb/)	7 7/8 5-1/2", 17#, J-55
Cement Blend Returns:	5-1/2", 17#, J-55
TOC:	5-1/2", 17#, J-55
Depth	5-1/2", 17#, 1-55 : 1425 sxs Circ cmt to surf
	5-1/2", 17#, J-55 : 1425 sxs
	5-1/2", 17#, 1-55 : 1425 sxs Circ cmt to surf
5-1/2", 17#	5-1/2", 17#, 1-55 : 1425 sxs Circ cmt to surf
	5-1/2", 17#, 1-55 : 1425 sxs Circ cmt to surf

TD: 5,550' PBTD @ 5,500'

Current Wellbore Diagram Well Name: CMU #164 Well Name: CMU #164 30-025-32931 Location Proposed API No: Spud Date: WBD Update 4/19/1995 8/13/2013 R. Van Howe 269' FSL & 23' FWL Wellbore Diagram Section: T: 175 R: 33E Sec: 17 Spot 40 sx cmt @ 350' - surface Survey: County: Lat/Long: Field: Maljamar Grayburg San Andres Elevations: 8-5/8", 24#, 29 jts set @ 1,320" Int Csg: Spot 45 sx cmt @ 1,270-1,508' Date 4/19/1995 5/2/1995 5/8/1995 5/10/1995 5/15/1995 Details of Perfo 5/2/1995 5/4/1995 5/8/1995 Perf'd 4727'-4792' Perf'd 4491'-4569' Perf'd 4194'-4389' 5/17/1995 5/22/1997 1/29/1998 6/24/2003 6/25/2003 RIH w/ prod equipment. Initial potential test: 24-hr test: 114 80PD, 468ACFD, 492 BWPD
POH w/ prod equip. RU HES & pumped 1,000 gal 15% NEFE acid down tubing & up to 4,184'. SD 1 hr.
POH w/ prod equip. and the, RIH w/LEB & 2-7/8' tigs to 3,000 Set CIBP @ 4,000'. POH w/thg, NO BOP, NU
RIH w/ 4 and Babler. Tag (EIBP&4)LEX. Knotcked CIBP loose @ 4,100'. Encounteed large water flow.
RIH w/ 4-3/4" bit & 5-1/2' scraper on 7-7/8' tigs to 3,000 gal 130'. Rotchard CIBP to 3,855'. Could not continue
RIH w/4 and Babler. Tag (EIBP & 3,40'. Knotcked LIBP down to 4,31'. Would not go thrite. POH & 10.
RU reverse unit. RIH w/4-3/4" cone bit and 3-1/2' DC's on 2-7/8" tigs, Tag CIBP @ 4,337'. Drill to 4,502'. Acid or Fracture Treatment Details (5/2/1995) tubing failed with 900 gal on formation Acidize/3000 gal 15% NEFE acid and 30 ball sealers re-Acidize/3000 gal 15% NEFE acid and 30 ball sealers acidize/3000 gal 15% NEFE acid and 30 ball sealers acidize/3000 gal 15% NEFE acid and 80 ball sealers face w/7-4,10 gall 55 get + 95,000# (1-34/gal) 20/40 + 44,000# 12/20 sd 4727'-4792' 4727'-4792' 4491'-4569' 4184'-4389' POH. LD tools and DC's.

RIH w/ prod equip. Tbg @4,140', SN @ 4,105'. RD BOP NU WH RIH w/ rods and pump. Left well pumping to 4184'-4389' (5/22/1997) 4184'-4792' Acidized w/ 1000 gal 15% NEFE acid Tubing Detail Joints Description 2 7/8 Rod Detail (top to bottom) 4,184-4,389 Description Pumping Unit: 4,491-4,569 4,727'-4,792' Hole Size: Prod Csg: Capacity (bbl/ft): Cement Blend: Returns: 5-1/2", 17#, J-55 1425 sxs TOC: Depth Circ cmt to surf 5550' 5-1/2", 17# set@ 5,550'