Submit 3 Copies to Appropriate

CONDITIONS OF APPROVAL, AP, ANY:

State of New Mexico Energy, Minerals and Natural Resources Department

orm C-103	<u> </u>
orna C-103	i
evised 1-1-89	

DISTRICT I P.O. Box 1980, Hobbs, NM 88240	OIL CONSERVA		WELL API NO.
DISTRICT II	P.O. Bo		30-015-26171
P.O. Drawer DD, Artesia, NM 88210	Santa Fe, New Me		5. Indicate Type of Lease
DISTRICT III		FE36 '90	STATE X FEE
1000 Rio Brazos Rd., Aztec, NM 87410	U	N 2 B	6. State Oil & Gas Lease No. V-1313
SUNDRY NO	OTICES AND REPORTS ON	WELLS OFFICE	
DIFFERENT RES	PROPOSALS TO DRILL OR TO DE SERVOIR. USE "APPLICATION FO M C-101) FOR SUCH PROPOSALS	OR PERMIT"	7. Lease Name or Unit Agreement Name
I. Type of Well:			Medano State Com.
MEIT ARIT (MEIT (X OTHER		
2. Name of Operator	6 - 316 . /		8. Well No.
Union Oil Company o 3. Address of Operator	of California /		9. Pool name or Wildcat
P. O. Box 671 - Mid	iland, Texas 79702		North Sand Dunes-Morrow Gas
4. Well Location			
Unit Letter K :	1980 Feet From The south	Line and19	180 Feet From The West Line
Section 36	Township 22-S	Range 31-E	NMPM Eddy County
	10. Elevation (Show w	whether DF, RKB, RT, GR, etc.)	V/////////////////////////////////////
	(((((())))	3466' GR	<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>
ii. Chec	ck Appropriate Box to Indi	cate Nature of Notice,	Report, or Other Data
NOTICE OF I	INTENTION TO:	SU	JBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON	CHANGE PLANS		ING OPNS. PLUG AND ABANDONMENT
	_ OFFIGE FEMALE	COMMENCE DRILL	ing opins. Lili Plug And Abandonimen i L
PULL OR ALTER CASING		CASING TEST AND	<u></u>
			<u></u>
PULL OR ALTER CASING OTHER:		CASING TEST AND	COMPLETION Work
PULL OR ALTER CASING OTHER:		CASING TEST AND	CEMENT JOB
PULL OR ALTER CASING OTHER: 12. Describe Proposed or Completed C	Operations (Clearly state all pertinent de	CASING TEST AND OTHER: etails, and give pertinent dates, in	COMPletion Work Completion Work
PULL OR ALTER CASING OTHER: 12. Describe Proposed or Completed C	Operations (Clearly state all pertinent de Gervice-NU BOP. 1-8-90-Drl	CASING TEST AND OTHER: etails, and give pertinent dates, in dd 47' cant to landing of	Completion Work Completion Work Including estimated date of starting any proposed collar @ 14,996' EID. Circ hole clean.
PULL OR ALTER CASING OTHER: 12 Describe Proposed or Completed Completed Completed Proposed or Completed Completed Proposed or Completed Completed Proposed Proposed Proposed Or Completed Proposed Prop	Operations (Clearly state all pertinent de Dervice-NU BOP. 1-8-90-Dr.L LIID to 12,260'. TOC @ 13	casing test and OTHER: etails, and give pertinent dates, in d 47° crit to landling of 330°. 1–10–90-RIH w/2	Completion Work Completion Work Including estimated date of starting any proposed collar @ 14,996' EID. Circ hole clean. 2 3/8" tbg open ended to 14,735'. NU
PULL OR ALTER CASING OTHER: 12 Describe Proposed or Completed Cowork) SEE RULE 1103. ETD - 14,996' 1-4-90-MIRU Cobra Well Standard Well Standard Color (14,974') Well head. PDPU. 1-29-9	Decretions (Clearly state all pertinent decrevice-NU BOP. 1-8-90-Dr.). LIID to 12,260'. TOC @ 13,20-MIRU XPert Well ServN	casing test and OTHER: etails, and give pertinent dates, in dd 47' cmt to landling c 330'. 1-10-90-RIH w/3 U BOP. PU to 14,716'-	Completion Work Completion Work Including estimated date of starting any proposed collar @ 14,996' EID. Circ hole clean. 2 3/8" tog open embed to 14,735'. NU tested BOP to 1000 psi. Spot 500 gals
PULL OR ALTER CASING OTHER: 12 Describe Proposed or Completed Cowork) SEE RULE 1103. ETD = 14,996' 1-4-90-MIRU Cibra Well Standard Well Standard Color Co	Departions (Clearly state all persinent described NU HOP. 1-8-90-Dr. LID to 12,260'. TOC @ 13,90-MIRU XPert Well ServN. 1-14,430'. PU to 14,665'.	casing test and OTHER: etails, and give pertinent dates, in d 47' cast to landing of 330'. 1-10-90-RIH w/3 J BOP. FU to 14,716'- Rev out excess acid.	Completion Work Circ hole clean. 2 3/8" the open ended to 14,735". NU tested HOP to 1000 psi. Spot 500 gals Disp. hole w/6% KCl pkr fluid. FOOH w/
PULL OR ALTER CASING OTHER: 12 Describe Proposed or Completed Compress SEE RULE 1103. ETD = 14,996' 1-4-90-MIRU Cibra Well Standard Well Standard See Complete	Derations (Clearly state all periment de Service-NU HOP. 1-8-90-Dr.L LIID to 12,260'. TOC @ 13, 90-MIRU XPert Well ServNI '-14,430'. PU to 14,665'. DB pkr w/3 3/8" Vann guns of	casing test and other: etails, and give pertinent dates, in d 47' cast to landing of ,330'. 1-10-90-RIH w/3 J BOP. FU to 14,716'-4 Rev out excess acid. on WL & set place @ 14,6	Completion Work Completion Work Completion Work Completion Work Completion Work Collar @ 14,996' EID. Circ hole clean. 2 3/8" tbg open ended to 14,735'. NU tested BOP to 1000 psi. Spot 500 gals Disp. hole w/6% KCl pkr fluid. FOOH w/ 33'. TIH w/seal assembly on 2 3/8" tbg
PULL OR ALTER CASING OTHER: 12 Describe Proposed or Completed One work) SEE RULE 1103. ETD - 14,996' 1-4-90-MIRU Obra Well St. 1-9-90-Ran OBL f/14,974' Well head. HDPU. 1-29-910% acetic acid f/14,716' ttg. 1-30-90-R&S Baker Itest: ttg to 8000 psi.	Derations (Clearly state all persinent de Ervice-NU HOP. 1-8-90-Dr.L LID to 12,260'. TOC @ 13, 90-MIRU XPert Well ServNI '-14,430'. PU to 14,665'. DB pkr w/3 3/8" Vann guns of 1-31-90-R&L 464 jts + 2 st	casing test and other: etails, and give pertinent dates, in d 47' cut to landing of ,330'. 1-10-90-RIH w/2 J BOP. PU to 14,716'-4 Rev out excess acid. on WL & set pkr @ 14,6 dbs (14,623') 2 3/8" 4	Completion Work Comple
PULL OR ALTER CASING OTHER: 12 Describe Proposed or Completed Cowork) SEE RULE 1103. ETD - 14,996' 1-4-90-MIRU Chara Well St. 1-9-90-Ran CBL f/14,974' Well head. PDPU. 1-29-9 10% acetic acid f/14,716' thg. 1-30-90-R&S Baker Itest: thg to 8000 psi. @ 14,633' w/Baker DB pkr	Detections (Clearly state all persinent de Detections (Clearly state all persinent de DETECTION DESCRIPTION OF THE PROPERTY OF THE PERSON OF	casing test and other: etails, and give pertinent dates, in d 47' cmt to landing of ,330'. 1-10-90-RIH w/3 J BOP. PU to 14,716'-4 Rev out excess acid. on WL & set pkr @ 14,6 abs (14,623') 2 3/8" 4 e @ 14,600'-all tbg te	Completion Work Completion Work Including estimated date of starting any proposed collar @ 14,996' EID. Circ hole clean. 2 3/8" tbg open ended to 14,735'. NU tested BOP to 1000 psi. Spot 500 gals Disp. hole w/6% KCl pkr fluid. FOOH w/ 33'. TIH w/seal assembly on 2 3/8" tbg .7# N-80 Kawasaki &rd FLE AB Modified tbg sted to 8000 psi, OK. ND BOP-NU tree.
PULL OR ALTER CASING OTHER: 12 Describe Proposed or Completed Cowork) SEE RULE 1103. ETD - 14,996' 1-4-90-MIRU Othera Well Standard Well Med. HDRU. 1-29-910% acetic acid f/14,716' tbg. 1-30-90-R&S Baker It test. tbg to 8000 psi. @ 14,633' w/Baker DB pkr Disp tbg w/N2. I anded the psi. Drop perforating be	Derations (Clearly state all persinent de Cervice-NU BOP. 1-8-90-Dr. LID to 12,260'. TOC @ 13,90-MIRU XPert Well ServN. 1-14,430'. PU to 14,665'. DB pkr w/3 3/8" Vann guns of 1-31-90-R&L 464 jts + 2 st @ 14,633', 1.875" F nipple by in 18,000# compression-ter & perf L. Monrow w/3 3/4	casing test and other: clails, and give periment dates, in d 47' cut to landing of 330'. 1-10-90-RIH w/2 J BOP. FU to 14,716'-4 Rev out excess acid. on WL & set pkr @ 14,6 obs (14,623') 2 3/8" 4 e @ 14,600'-all tog te tested pkr & annulus to 4 Vann guns-6059F @ 14	Completion Work Color hole clean. 2 3/8" the open ended to 14,735". NU tested BOP to 1000 psi. Spot 500 gals Disp. hole w/6% KCl pkr fluid. POH w/ 33". TIH w/seal assembly on 2 3/8" the 34" N-80 Kawasaki &rd EUE AB Modified the sted to 8000 psi, OK. ND BOP-NU tree. 10 1000 psi, OK. Bled N2-press 4250-1000 10 701-16" (80 shots). 2-2-90-Acidized
PULL OR ALTER CASING OTHER: 12 Describe Proposed or Completed Cowork) SEE RULE 1103. ETD - 14,996' 1-4-90-MIRU Cibra Well S 1-9-90-Ran CBL f/14,974' Well head, PDPU, 1-29-9 10% acetic acid f/14,716' tbg, 1-30-90-R&S Baker I test: tbg to 8000 psi. @ 14,633' w/Baker DB pkr Disp tbg w/N2. Landed tt psi. Drop perforating be Middle Morrow f/14,701'-1	Derations (Clearly state all perinent de dervice-NU HOP. 1-8-90-Dr. LIID to 12,260'. TOC @ 13,80-MIRU XPert Well ServN. '-14,430'. PU to 14,665'. DB pkr w/3 3/8" Vann guns of 1-31-90-R&L 464 jts + 2 state @ 14,633', 1.875" F nipple for in 18,000# compression-lar & perf L. Morrow w/3 3/414,716' w/1500 gals 7 1/28	casing test and others. In the landing of the state of th	Completion Work Completion Work Including estimated date of starting any proposed collar @ 14,996' EID. Circ hole clean. 2 3/8" tog open ended to 14,735'. NU tested BOP to 1000 psi. Spot 500 gals Disp. hole w/6% KCl pkr fluid. POH w/ 33'. TIH w/seal assembly on 2 3/8" tog .7# N-80 Kawasaki &rd FLE AB Modified tog sted to 8000 psi, OK. ND BOP-NU tree. to 1000 psi, OK. Bled N2-press 4250-1000
PULL OR ALTER CASING OTHER: 12 Describe Proposed or Completed Cowork) SEE RULE 1103. ETD - 14,996' 1-4-90-MIRU Cobra Well S 1-9-90-Ran CBL f/14,974' well head. PDPU. 1-29-9 10% acetic acid f/14,716' tbg. 1-30-90-R&S Baker I test: tbg to 8000 psi. @ 14,633' w/Baker DB pkr Disp tbg w/N2. Landed tt psi. Drop perforating be Middle Morrow f/14,701'-1	Derations (Clearly state all persinent de Cervice-NU BOP. 1-8-90-Dr. LID to 12,260'. TOC @ 13,90-MIRU XPert Well ServN. 1-14,430'. PU to 14,665'. DB pkr w/3 3/8" Vann guns of 1-31-90-R&L 464 jts + 2 st @ 14,633', 1.875" F nipple by in 18,000# compression-ter & perf L. Monrow w/3 3/4	casing test and others. In the landing of the state of th	Completion Work Color hole clean. 2 3/8" the open ended to 14,735". NU tested BOP to 1000 psi. Spot 500 gals Disp. hole w/6% KCl pkr fluid. POH w/ 33". TIH w/seal assembly on 2 3/8" the 34" N-80 Kawasaki &rd EUE AB Modified the sted to 8000 psi, OK. ND BOP-NU tree. 10 1000 psi, OK. Bled N2-press 4250-1000 10 701-16" (80 shots). 2-2-90-Acidized
PULL OR ALTER CASING OTHER: 12 Describe Proposed or Completed Cowork) SEE RULE 1103. ETD - 14,996' 1-4-90-MIRU Cibra Well S 1-9-90-Ran CBL f/14,974' Well head, PDPU, 1-29-9 10% acetic acid f/14,716' tbg, 1-30-90-R&S Baker I test: tbg to 8000 psi. @ 14,633' w/Baker DB pkr Disp tbg w/N2. Landed tt psi. Drop perforating be Middle Morrow f/14,701'-1	Derations (Clearly state all perinent de dervice-NU HOP. 1-8-90-Dr. LIID to 12,260'. TOC @ 13,80-MIRU XPert Well ServN. '-14,430'. PU to 14,665'. DB pkr w/3 3/8" Vann guns of 1-31-90-R&L 464 jts + 2 state @ 14,633', 1.875" F nipple for in 18,000# compression-lar & perf L. Morrow w/3 3/414,716' w/1500 gals 7 1/28	casing test and others. In the landing of the state of th	Completion Work Color hole clean. 2 3/8" the open ended to 14,735". NU tested BOP to 1000 psi. Spot 500 gals Disp. hole w/6% KCl pkr fluid. POH w/ 33". TIH w/seal assembly on 2 3/8" the 34" N-80 Kawasaki &rd EUE AB Modified the sted to 8000 psi, OK. ND BOP-NU tree. 10 1000 psi, OK. Bled N2-press 4250-1000 10 701-16" (80 shots). 2-2-90-Acidized
PULL OR ALTER CASING OTHER: 12 Describe Proposed or Completed Cowork) SEE RULE 1103. ETD - 14,996' 1-4-90-MIRU Cobra Well S1-9-90-Ran CBL f/14,974' well head. PDPU. 1-29-9 10% acetic acid f/14,716' tbg. 1-30-90-R&S Baker II test: tbg to 8000 psi. @ 14,633' w/Baker DB pkr Disp tbg w/N2. Landed tt psi. Drop perforating be Middle Morrow f/14,701'-1 4-4.5 total BPM & 9000-86	Derations (Clearly state all perinent de dervice-NU HOP. 1-8-90-Dr. LIID to 12,260'. TOC @ 13,80-MIRU XPert Well ServN. '-14,430'. PU to 14,665'. DB pkr w/3 3/8" Vann guns of 1-31-90-R&L 464 jts + 2 state @ 14,633', 1.875" F nipple for in 18,000# compression-lar & perf L. Morrow w/3 3/414,716' w/1500 gals 7 1/28	casing test and other: clails, and give periment dates, in d 47' cut to landing of 330'. 1-10-90-RIH w/3 J BOP. PU to 14,716'- Rev out excess acid. on WL & set pkr @ 14,6 obs (14,623') 2 3/8" 4 e @ 14,600'-all they te tested pkr & annulus to 4 Vann guns-6JSPF @ 14 HCl w/NE, FE & IST & 6 (10) 4189 (15) 4035.	Completion Work Color hole clean. 2 3/8" the open ended to 14,735". NU tested BOP to 1000 psi. Spot 500 gals Disp. hole w/6% KCl pkr fluid. POH w/ 33". TIH w/seal assembly on 2 3/8" the 34" N-80 Kawasaki &rd EUE AB Modified the sted to 8000 psi, OK. ND BOP-NU tree. 10 1000 psi, OK. Bled N2-press 4250-1000 10 701-16" (80 shots). 2-2-90-Acidized
PULL OR ALTER CASING OTHER: 12 Describe Proposed or Completed Cowork) SEE RULE 1103. ETD - 14,996' 1-4-90-MIRU Cobra Well S1-9-90-Ran CBL f/14,974' well head. PDPU. 1-29-9 10% acetic acid f/14,716' tbg. 1-30-90-R&S Baker II test: tbg to 8000 psi. @ 14,633' w/Baker DB pkr Disp tbg w/N2. Landed tt psi. Drop perforating be Middle Morrow f/14,701'-1 4-4.5 total BPM & 9000-86	Derations (Clearly state all pertinent de Cervice-NU HOP. 1-8-90-Dr. LID to 12,260'. TOC @ 13,20-MIRU XPert Well ServNU '-14,430'. PU to 14,665'. DB pkr w/3 3/8" Vann guns of 1-31-90-R&L 464 jts + 2 st @ 14,633', 1.875" F nipple fog in 18,000# compression-ter & perf L. Morrow w/3 3/414,716' w/1500 gals 7 1/2% 600#. ISEE 5100 (5) 4387	casing test and other: clails, and give periment dates, in d 47' cut to landing of 330'. 1-10-90-RIH w/3 J BOP. PU to 14,716'- Rev out excess acid. on WL & set pkr @ 14,6 obs (14,623') 2 3/8" 4 e @ 14,600'-all they te tested pkr & annulus to 4 Vann guns-6JSPF @ 14 HCl w/NE, FE & IST & 6 (10) 4189 (15) 4035.	Completion Work Completion Completion Work Completion Work Completion Complet
PULL OR ALTER CASING OTHER: 12 Describe Proposed or Completed Cowork) SEE RULE 1103. ETD - 14,996' 1-4-90-MIRU Cobra Well Standard Well head. PDRU. 1-29-910% acetic acid f/14,716' ttpg. 1-30-90-R&S Baker Intest they to 8000 psi. 6 14,633' w/Baker IB pkr. Disp ttpg w/N2. Landed the psi. Drop perforating be Middle Morrow f/14,701'-14-4.5 total BPM & 9000-86	Derrice-NU HOP. 1-8-90-Drl. LID to 12,260'. TOC @ 13, 90-MIRU XPert Well ServNI '-14,430'. FU to 14,665'. DB pkr w/3 3/8" Vann guns of 1-31-90-R&L 464 jts + 2 st @ 14,633', 1.875" F nipple by in 18,000# compression-ler & perf L. Monrow w/3 3/414,716' w/1500 gals 7 1/2% 600#. ISSEP 5100 (5) 4387	casing test and others. others: etails, and give pertinent dates, in days, and give pertinent dates, in dates, in days, and give pertinent dates, in days,	Completion Work Completion Completion Work Completion Work Completion Complet
OTHER: 12 Describe Proposed or Completed Cowork) SEE RULE 1103. ETD - 14,996' 1-4-90-MIRU Cobra Well Standard Well head. HIRU. 1-29-910% acetic acid f/14,716' tog. 1-30-90-R&S Baker It test. tog to 8000 psi. @ 14,633' w/Baker DB pkr. Disp tog w/N2. Landed to psi. Drop perforating be Middle Morrow f/14,701'-14-4.5 total HPM & 9000-86' Thereby cerufy that the information above Stonature from the store of	Derretions (Clearly state all persinent described in 12,260'. TOC @ 13,20-MIRU XPert Well ServNi-14,430'. PU to 14,665'. DB plor w/3 3/8" Vann guns of 1-31-90-R&L 464 jts + 2 state of 14,633', 1.875" F mipple for in 18,000# compression-ter & perf L. Morrow w/3 3/414,716' w/1500 gals 7 1/2% 600#. ISSEP 5100 (5) 4387	casing test and others. others: etails, and give pertinent dates, in days, and give pertinent dates, in dates, in days, and give pertinent dates, in days,	Completion Work Collar @ 14,996' EID. Circ hole clean. 2 3/8" the open ended to 14,735'. NU tested BOP to 1000 psi. Spot 500 gals Disp. hole w/6% KCl pkr fluid. POH w/ 33'. TIH w/seal assembly on 2 3/8" the 33'. TIH w/seal assembly on 2 3/8" the sted to 8000 psi, OK. ND BOP-NU tree. 10 1000 psi, OK. Bled N2-press 4250-1000 10 1000 psi, OK. Bled N2-press 4250-1000 10 10 10 10 10 10 10 10 10 10 10 10 10 1
OTHER: 12 Describe Proposed or Completed Cowork) SEE RULE 1103. ETD - 14,996' 1-4-90-MIRU Chara Well Standard Completed Cowork) SEE RULE 1103. ETD - 14,996' 1-4-90-MIRU Chara Well Standard Well head. HIRU. 1-29-910% acetic acid f/14,716' thus. 1-30-90-R&S Baker It test. thus to 8000 psi. 6 14,633' w/Baker IB pkr. Disp thus w/N2. Landed the psi. Drop perforating he Middle Morrow f/14,701'-14-4.5 total HEM & 9000-86 Thereby cerufy that the information above signature for State Use) ORIGINAL COMPLETE	Derrice-NU HOP. 1-8-90-Drl. LID to 12,260'. TOC @ 13, 90-MIRU XPert Well ServNI '-14,430'. FU to 14,665'. DB pkr w/3 3/8" Vann guns of 1-31-90-R&L 464 jts + 2 st @ 14,633', 1.875" F nipple by in 18,000# compression-ler & perf L. Monrow w/3 3/414,716' w/1500 gals 7 1/2% 600#. ISSEP 5100 (5) 4387	casing test and others. others: etails, and give pertinent dates, in days, and give pertinent dates, in dates, in days, and give pertinent dates, in days,	Completion Work Collar @ 14,996' EID. Circ hole clean. 2 3/8" the open ended to 14,735'. NU tested BOP to 1000 psi. Spot 500 gals Disp. hole w/6% KCl pkr fluid. POH w/ 33'. TIH w/seal assembly on 2 3/8" the 33'. TIH w/seal assembly on 2 3/8" the sted to 8000 psi, OK. ND BOP-NU tree. 10 1000 psi, OK. Bled N2-press 4250-1000 10 1000 psi, OK. Bled N2-press 4250-1000 10 10 10 10 10 10 10 10 10 10 10 10 10 1