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## (SUBMIT IN TRIPLICATE)

## UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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NOTICE OF INTERTION TO CHAME FAMS.  NOTICE OF INTERTION TO CHAME FAMS.  NOTICE OF INTERTION TO CHAME FAMS.  NOTICE OF INTERTION TO TEST WATER SHUT-OFF.  NOTICE OF INTERTION TO TEST WATER SHUT-OFF.  NOTICE OF INTERTION TO SECRILL OR REPAIR WELL.  NOTICE OF INTERTION TO POUL OR ACIDIZE.  NOTICE OF INTERTION TO POUL OR ACIDIZE.  NOTICE OF INTERTION TO POUL OR ACIDIZE.  NOTICE OF INTERTION TO ADARDON WELL.  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  DECEMBER 19, 19.  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  DECEMBER 19, 19.  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  DECEMBER 19, 19.  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  DECEMBER 19, 19.  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  DECEMBER 19, 19.  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  DECEMBER 19, 19.  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  DECEMBER 19, 19.  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  DECEMBER 19, 19.  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  DECEMBER 19, 19.  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  DECEMBER 19, 19.  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT NOTICE, OR OTHER DATA)  DECEMBER 19, 19.  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT OF REPORT NOTICE, OR OTHER DATA)  DECEMBER 19, 19.  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT OF REPORT NOTICE, OR OTHER DATA)  DECEMBER 19, 19.  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT NOTICE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT OF REPORT NOTICE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT OF REPORT NOTICE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT OF REPORT NOTICE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT O	NOTICE OF INTENTION TO POUL	,	SUBSEQUENT REPORT OF WATER SHUT-OFF	X
SUBSCUENT REPORT OF ALTERING CASING.  NOTICE OF INTENTION TO REDRILL OR REPAIR WILL  SUBSCUENT REPORT OF ACIDIZE  SUBSCUENT REPORT OF ACIDIZE  NOTICE OF INTENTION TO PULL OR ALFER CASING.  NOTICE OF INTENTION TO PULL OR ALFER CASING.  NOTICE OF INTENTION TO PULL OR ALFER CASING.  SUPPLEMENTARY WELL HISTORY.  NOTICE OF INTENTION TO ABANDON WELL.  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DAYA)  DECEMBER 19, 19.  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DAYA)  DECEMBER 19, 19.  (In and 800 ft. from E line of sec.  It is section 6 27-N 5-W H.M.P.W.  (I see and see No.) (Twp.) (Range) (Meridian)  (I see and see No.) (Twp.) (Range) (Meridian)  (I see and see No.) (State or Territory)  The elevation of the derrick floor above sea level is 5504 ft.  DETAILS OF WORK  Late names of and espected depths to objective sands; show sizes, weights, and langths of proposed casings; indicate muddling jobs, came in 12-5-61, T.D. 7872'. Ban 65 joints 4 1/2" 11.6f 1-55 (2106') on bottom, 76 jts. 5 1/2" J-55 15.5 (5750') on top, total of 7856' set at 7869'.  States IV tool 8 7730'. 3 stage IV tool 3 3921'. Commented list stage IV stage IV tool 8 7730'. 3 stage IV tool 8 3921'. Commented list stage IV stage IV tool 8 7730'. Time turfplug/sk., 1/6F Floorable/sk., 0.4 IR-4 oliced by 50 sks regular, 1/4F fine turfplug/sk. and 0.4 IR-4. 2nd stage 30 sks regular, 8 gel, 1/4 cu.ft. Strata-Crete 6'/sk. 3 12 12 12 12 12 12 12 12 12 12 12 12 12		i		
Subsequent report of Re-Drilling or Repair.  Subsequent Report of Report of Report of Report of Report 19,  (Report 19				
Supplementary well history  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DAYA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DAYA)  December 19, , 19  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DAYA)  December 19, , 19  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DAYA)  December 19, , 19  (Indicate Daya		1		
(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  December 19, [9]  (ell No. 59 (MD) is located 990 ft. from [N] line and [800 ft. from [N] line of sec.  Section 6 27-N 5-W H.M.P.M.  (fige. and Sec. No.) (Twp.) (Range) (Meridian)  Bein Dekota Rio Arriba New Hearto  (Field) (County or Subdivision) (State or Territory)  the elevation of the derrick floor above sea level is 5504 ft.  DETAILS OF WORK  Late names of and expected depths to objective sands; show sizes, weights, and longths of proposed casings; indicate mudding jobs, coming points, and all other important proposed work)  In 12-5-61, T.D. 7872'. Ben 65 joints 4 1/2" 11.6# J-55(2106') on bottom, 76 jts. 5 1/2" J-55 15.5%(5750') on top, total of 7856' set at 7869'.  Stage DV tool 8 5730'. 3 stage DV tool 8 391'. Cemented 1st stage w/35 has regular, % gel, 1/4# fine turfplug/sk., 1/8# Floosele/sk., 0.4% IR-4. 2nd stage 30 sks regular, % gel, 1/4 cu.st. Strata-Crete"6"/st. 374 Floosele/sk., 0.4% IR-4. 2nd stage 30 sks regular, % gel, 1/4 cu.st. Strata-Crete"6"/st. 374 Floosele/sk., 0.4% IR-4. 2nd stage 30 sks regular, % gel, 1/4 cu.st. Strata-Crete"6"/st. 374 Floosele/sk., 0.4% IR-4. 2nd stage 30 sks regular, % gel, 1/4 cu.st. Strata-Crete"6"/st. 374 Floosele/sk., 0.4% IR-4. 2nd stage 30 sks regular, % gel, 1/4 cu.st. Strata-Crete"6"/st. 374 Floosele/sk., 0.4% IR-4. 2nd stage 30 sks regular Strata Crete "6"/st. 374 Floosele/sk., 0.4% IR-4. 2nd stage 30 sks regular Strata Crete "6"/st. 374 Floosele/sk., 0.4% IR-4. 2nd stage 30 sks regular Strata Crete "6"/st. 374 Floosele/sk., 0.4% IR-4. 2nd stage 30 sks regular Strata Crete "6"/st. 374 Floosele/sk., 0.4% IR-4. 2nd stage 30 sks regular Strata Crete "6"/st. 374 Floosele/sk., 0.4% IR-4. 2nd stage 30 sks regular Strata Crete "6"/st. 374 Floosele/sk., 0.4% IR-4. 2nd stage 30 sks regular Strata Crete "6"/st. 374 Floosele/sk., 0.4% IR-4. 2nd stage 30 sks regular Strata Crete "6"/st. 374 Floosele/sk., 0.4% IR-4. 2nd stage 30 sks regular Strata Crete "6"/st. 374 Floosele/sk., 0.4% IR-4. 2nd sta	NOTICE ()F INTENTION TO SHOO	OT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
December 19, 19  [All No. 59 (MD) is located 990 ft. from No. 10 ft. ft. 10 ft. 10 ft. 10 ft. ft. 10 ft. ft. ft. 10 ft.	NOTICE OF INTENTION TO PULL	OR ALITER CASING	SUPPLEMENTARY WELL HISTORY	
December 19,	NOTICE OF INTENTION TO ABAN	IDON WELL		
Tell No. 59 (MD) is located 990 ft. from No. 1 line and 800 ft. from E. 1 line of sec	(IN	IDICATE ABOVE BY CHECK MARK N	IATURE OF REPORT, NOTICE, OR OTHER DATA)	
(i) Sec. and Sec. No.)  (ii) Sec. and Sec. No.)  (iii) Rio Arriba  Rio Arriba  (County or Subdivision)  (County or Subdivision)  (State or Territory)  (St			December 19,	, 19
(i) Sec. and Sec. No.)  (ii) Sec. and Sec. No.)  (iii) (Range)  (County or Subdivision)  (State or Territory)	'ell No. 59 (MD) is lo	ocated 990 ft. from	$\{ \sum_{C}^{N} \}$ line and 800 ft. from $\{ \sum_{C}^{C} \}$ line of second	
main Dakota Rio Arriba (County or Subdivision)  Rev Mexico (State or Territory)  he elevation of the derrick floor above sea level is 5504 ft.  DETAILS OF WORK  tate names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, ceming points, and all other important proposed work)  m 12-5-61, T.D. 7872'. San 65 joints 4 1/2" 11.6# J-55(2106') on bottom, 76 jts. 5 1/2" J-55 15.5#(5750') on top, total of 7856' set at 7869'.  stage DV tool 6 5730'. 3 stage DV tool 6 3491'. Cemented 1st stage w/85 its regular, 1/4# fine tuffplug/sk., 1/8# Flocale/sk., 0.4# Radiolicated by 50 sks regular, 1/4# fine tuffplug/sk. and 0 is 18-4. 2nd stage 30 sks regular, 8# gel, 1/4 cu.ft. Strata-Crete*6*/st., 3rd tage w/180 sks formula. Incor., 25 gel. Held 4000#/30 minutes.  I understand that this plan of work must receive approval in writing by the Geological Survey balance stations may be commenced.  Original Signed D W Machan.  Original Signed D W Machan.	.E. Section 6	27-N	5-V H.M.P.M.	
(Field) (County or Subdivision) (State or Territory)  the elevation of the derrick floor above sea level is 6504 ft.  DETAILS OF WORK  tate names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, comming points, and all other important proposed work)  In 12-5-61, T.D. 7672'. San 65 joints 4 1/2" 11.64 J-55 (2106') on bottom,  76 jts. 5 1/2" J-55 15.5%(5750') on top, total of 7856' set at 7869'.  Is stage IV tool 6 5730'. 3 stage DV tool 6 391'. Comented 1st stage w/85 is regular, by gel, 1/bf fine tuffplug/sk., 1/8# Flocale/sk., 0.4# IR-4  Collowed by 50 ske regular, 1/4# fine tuffplug/sk. and 0.4# IR-4. 2nd stage  30 ske regular, 6# gel, 1/b cu.it. Strate-Crete"6"/st. 3nd tage w/180 ske  Commin. Incor., 2# gel. Held 4000#/30 minutes.  I understand that this plan of work must receive approval in writing by the Geological Survey balograph without may be commenced.  Company  Original Signed 0 W Manaham	• •	(- "F")	·	
DETAILS OF WORK  tate names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, coming points, and all other important proposed work)  M 12-5-61, T.D. 7872'. San 65 joints & 1/2" 11.6# J-55(2106') on bottom,  78 jts. 5 1/2" J-55 15.5#(5750') on top, total of 7856' set at 7869'.  Stage IV tool & 5730'. 3 stage IV tool & 3491'. Commented let stage w/85  kes regular, % gel, 1/4# fine tuffplug/sk., 1/8# Flocele/sk., 0.4# IR-4  collowed by 50 sks regular, 1/4# fine tuffplug/sk. and 0.4# IR-4. 2nd stage  30 sks regular, 8# gel, 1/4 cu.ft. Strate-Crete"6"/st. 374 tage w/180 sks  rozada Incor., 2# gel. Held \$0004/30 minutes.  I understand that this plan of work must receive approval in writing by the Geological Survey-balography and be commenced.  Original Signed D W Machan  Original Signed D W Machan				
I understand that this plan of work must receive approval in writing by the Geological Survey before contains may be commenced.  Ompany  Box 990  Original Signed D W Machon	n 12-5-61, T.D. 78 78 Ma. 5 1/2" J-5	the to objective sands; show sizes ing points, and all oth 372'. Sen 65 joint 55 15.5#(5750') on	to, weights, and lengths of proposed casings; indicate mudding interimportant proposed work)  ### 4 1/2" 11.6# J-55(2106') on botto  top, total of 7856' set at 7869'.	CMA,
Fermington, New Mexico By	n 12-5-61, T.D. 78 78 jts. 5 1/2" J-5 stage IV tool @ ks regular, 1/6 gel collowed by 50 sks 30 sks regular. 89	tha to objective sands; show sizes ing points, and all oth 372'. Sen 65 joint 55 15.5#(5750') on 5730'. 3 stage DV 1, 1/4# fine tuffpl regular, 1/4# fine tuffpl sel. 1/4 cu.ft. 8	weights, and lengths of proposed casings; indicate mudding the important proposed work)  8 4 1/2" 11.6# J-55(2106') on botto top, total of 7856' set at 7869'.  tool 8 3491'. Commented let stage to 1/8#, 1/8# Floreste/sk., 0.4# IR-4 2nd stage trata-Crete"6"/st. 3rd tage v/180 minutes.	cea, v/85 k tasse
	n 12-5-61, T.D. 78 78 jts. 5 1/2" J-5 2 stage IV tool 8 2 olicwed by 50 sks 30 sks regular, 8 2 ozada Incor., 25 g	the to objective sands; show sizes ing points, and all other states of the states of t	weights, and lengths of proposed casings; indicate mudding the important proposed work)  ### 1/2" 11.6# J-55(2106') on botto top, total of 7856' set at 7869'.  tool @ 3491'. Comented 1st stage of the color of the	w/85 tage sks 5