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UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO CHANGE PLANS. NOTICE OF INTENTION TO TEST WATER SHUT-OF. NOTICE OF INTENTION TO TO RECORD. NOTICE OF INTENTION TO PLOUD OF ACIDIZE. NOTICE OF INTENTION TO PULL OR ALTER CASING. NOTICE OF INTENTION TO ADANDON WILL. (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA) JAMES F. 19. (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA) JAMES F. 19. (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA) JAMES F. 19. (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA) JAMES F. 19. (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA) JAMES F. 19. (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA) JAMES F. 19. (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA) JAMES F. 19. (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT OF		
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE NOTICE OF INTENTION TO PULL OR ALTER CASING. NOTICE OF INTENTION TO PULL OR ALTER CASING. NOTICE OF INTENTION TO ABANDON WELL Water Frage. (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA) Jacquary b., 19.1. Well No. 5h (PM) is located 1/00 ft. from. S line and 6/00 ft. from W line, of left of the state of the state of the derick floor above sea level is 1/07. ft. Blanco M.V.& 50. Blanco P.C. Block above by Check which, and longth of proposed casing; indicate mudding job, coment. 112160 Total Depth 5550. C.O.T.D. 5515. Water fractured Point Lockout perf intervals 5112-380; \$30-580; 5345-345; 5345-370; \$38-590 with 63,366 gallons after 8.60,000 s and. 80P 1500 s, max pr 1700 s, and performed intervals 830-150,150-1500-1500-1500-1500-1500-1500-	NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING.
Well No. Sh (PM) is located 1000 ft. from Si line and 8000 ft. from Willine of the share of the	NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.
Well No. 54 (PM) is located 1/00 ft. from Si line and 800 ft. from Willine of 164 ft. S. W. Sec. 31 (PM) is located 1/00 ft. from Si line and 800 ft. from Willine of 164 ft. S. W. Sec. 31 (PM) (Rongo) (Mendian) (Mend	NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT.
Well No. 54 (FM) is located 1/00 ft. from S line and 600 ft. from W line of ici A. M. S.W. Sec. 11 27-H 5-W [Range] [Marco M.V.& So. Blanco M.V.& Blanco M.V.& So. Blanco M.V.& Blanco M.V.& So. Blanco M.V.& Blanco M.V.& Blanco M.V.& So. Blanco M.V.& Bla	NOTICE OF INTENTION TO PULL OR ALTER CASING	31
Well No. 54 (PM) is located 1703 ft. from. S line and 600 ft. from W line of left ft. S. W. Sec. 31 27-8 5-W 14M.P.M. (Well St. and Sec. No.) (Twp.) (Range) (Moridian) Slanco M.V.& So. Blanco P.C. Blo Arriba (County or Subdivision) (State or Territory) The elevation of the derrick floor above sea level is 177. ft. DETAILS OF WORK (State names of and expected depths to objective rands; show alone, weights, and lengths of proposed casings; indicate mudding jobs, comenting the county of the county o	NOTICE OF INTENTION TO ABANDON WELL	Water Free.
Well No. 54 (PM) is located 1700 ft. from S line and 300 ft. from W line of cell A. A. S. W. Sec. 31 (PM) (Range) (Range) (Meridian) (Meridian) (Pald) (Pald) (County or Subdivision) (State or Partice) (S	(INDICATE ABOVE BY CHECK MARK N	ATURE OF REPORT, NOTICE, OR OTHER DATA)
Self. Sec. 31 (Geo. and Sec. No.) (Twp.) (Range) (Ran		Jamesery 1, 1931
The elevation of the derrick floor above sea level is 17 ft. DETAILS OF WORK (State names of and expected depths to objective sands; show state, weights, and lengths of proposed casings; indicate mudding jobs, comenting points, and all other important proposed work) 11-21-50 Total Depth 5550 C.O.T.D. 5515'. Water fractured Point Lookout perfective units 5412-5430;5432-5450;5444-5450;5454-5450;5454-5450 with 63,496 gallons enter & 60,000 send. 300 1500 s. max pr 1000 set of 10 balls each -6 stages 11-21-60 Total Depth 5550'. Temperary Bridge Flug at 5200'. Water fractured 11:117 House perforated intervals 4830-4834;14932-4940;4454-4950;4934-4950;4936-4990;4166,054 gallons. Bord 1500-150-100-150-100-150-150-150-150-150		- Table 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997
(State names of and expected depths to objective ands; show sizes, weights, and length of proposed casings; indicate mudding jobs, comenting points; and all other important proposed work) (State names of and expected depths to objective ands; show sizes, weights, and length of proposed casings; indicate mudding jobs, comenting points; and all other important proposed work) (State names of and expected depths to objective ands; show sizes, weights, and length of proposed casings; indicate mudding jobs, comenting in the composition of the		
DETAILS OF WORK (State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, camenting points, and all other important proposed work) 11-21-50 Total Depth 5550. C.o.T.D. 5515. Matter fractured Foint Lookout perf intervals 5412-5420;5430-5440;5444-5454;5462-5470;5464-5490 with 63,496 gallons sater & 60,000 seend. BDP 1500 %, man pr 1700 %, avg tr pr 1350-1400-1500-1600-1650 %. IR 65 BM. Flush 6736 gallons. Dropped 5 sets of 10 balls each -6 stages 11-21-60 Total Depth 5550. Temporary Bridge Flug at 5200. Sater fractured 7:1117 House perforated intervals 4836-4834;1932-4940;4944-4950;4964-4970;4960-4990 rith 64,054 gal water and 50,000 % sand. BDP 1200 %, man pr 1700 %, avg tr pr 1500-1550-1600-1650-1700-1750 %. IR 61 BM. Flush 6232 gallons. Bropped 5 sets of 6 balls - 6 stages. 11-21-60 Total Depth 5550. Temporary Bridge Flug at 4730. Water fractured Pictured Cliffs perforated intervals 3160-3168;3216-3232;3248-3256 with 42,947 gallons water and 40,000 % send. BDP 3000 %, max pr 3000 %, avg tr pr 1100-1150-1250-1350 %. IR 59 BM. Flush 5688 gal. Bropped 3 sets of 10 balls-4 stages. I understand that this plan of work must receive approval in writing by the Geological Eurwey before operations may be commenced. Company R1 Faso Satural Cas Company Address Dox 320.	(Field) (County or E	Subdivision) (State or Territory)
DETAILS OF WORK (State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, comentalized for the control of the	(2)	11.4.314.7
DETAILS OF WORK (State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, comentalized for the control of the	The elevation of the derrick floor above sea leve	l is 107 ft.
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, comenting points, and all other important proposed with 11-21-50 Total Depth 5550. C.O.T.D. 5515'. Water fractured Point Lockout parfintervals 5412-5480;5430-5440;5444-5454;5452-5470;5484-5490 with 63,496 gallons exter & 60,000 % send. BDP 1500 %, max pr 1900 %, avg tr pr 1350-1400-1500-1600-1600-1600 %. IR 65 BPM. Flush 6736 gallons. Bropped 5 sets of 10 balls each -6 stages 11-21-60 Total Depth 5550'. Temporary Bridge Plug at 5200'. Water fractured cliff House perforated intervals 4886-4894;4932-4940;4944-4950;4944-4970;4980-4992 with 64,054 gall water and 50,000 % sand. BDP 1200 %, max pr 1900 %, avg tr pr 1500-1500-1600-1650-1700-1750 %. IR 61 BPM. Flush 6232 gallons. Bropped 5 sets of 3 balls - 6 stages. 11-21-60 Total Depth 5550'. Temporary Bridge Plug at 4730. Water fractured cliffs perforated intervals 3160-3168;3216-3232;3248-3256 with 42,947 gallons water and 40,000 % send. BDP 3000 %, max pr 3000 %, avg tr pr 1100-1150-1250-1350 %. IR 59 BPM. Flush 6468 gal. Bropped 3 sets of 10 balls-4 stages. I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. Company R1 Page Satural Gas Company Address Don 320		, and the second se
1-21-60 Total Depth 5550. C.O.T.D. 5515'. Water fractured Point Lookout perfintervals 5412-5420;5430-5440;5444-5454;5452-5470;5484-5490 with 63,496 gallons mater & 60,000 s and. BDP 1900 s, man pr 1900 s, avg tr pr 1350-1400-1500-1600-1650 s. IR 55 BM. Flush 5736 gallons. Dropped 5 sets of 10 balls each -6 stages 11-21-60 Total Depth 5550'. Temperary Bridge Plug at 5200'. Water fractured 21:17 House perforated intervals 4866-4864;4932-4940;4944-4950;4964-470;4980-4920;4th 64,054 gal water and 60,000 s sand. BDP 1200 s, man pr 1900 s, avg tr pr 1500-1500-1600-1650-1700-1750 s. IR 61 BPM. Flush 6232 gallons. Bropped 5 sets of 6 balls - 6 stages. 11-21-70 Total Depth 5550'. Temperary Bridge Flug at 4730. Water fractured 21:21-70 Total Depth 5550'. Temperary Bridge Flug at 4730. Water fractured 21:21-70 Total Depth 5550'. Temperary Bridge Flug at 4730. Water fractured 21:21-70 Total Depth 5550'. Temperary Bridge Flug at 4730. Water fractured 21:21-70 Total Depth 5550'. Temperary Bridge Flug at 4730. Water fractured 21:21-70 Total Depth 5550'. Temperary Bridge Flug at 4730. Water fractured 21:21-70 Total Depth 5550'. Temperary Bridge Flug at 4730. Water fractured 21:21-70 Total Depth 5550'. Temperary Bridge Flug at 4730. Water fractured 21:21-70 Total Depth 5550'. Temperary Bridge Flug at 4730. Water fractured 21:21-70 Total Depth 5550'. Temperary Bridge Flug at 4730. Water fractured 21:21-70 Total Depth 5550'. Temperary Bridge Flug at 4730. Water fractured 21:21-70 Total Depth 5550'. Temperary Bridge Flug at 4730. Water fractured 21:21-70 Total Depth 5550'. Temperary Bridge Flug at 4730. Water fractured 21:21-70 Total Depth 5550'. Temperary Bridge Flug at 4730. Water fractured 21:21-70 Total Depth 5550'. Temperary Bridge Flug at 4730 Total Depth 5550'. Temperary Bridge Flug	DETAIL	S OF WORK
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Paralagton, New Mexico By Gagasa Magaza and Olive	intervals 5412-5630;5430-5440;5444-5454 meter & 60,000 freed. BDP 1500 frees. 1650 free BM. Flush 8736 gallons. 11-21-60 Total Depth 5550'. Temporary Cliff House perforated intervals 4836-6 with 64,054 gal water and 50,000 freed. 1500-1550-1600-1650-1700-1750 freed. 16 balls - 6 stages. 11-21-60 Total Depth 5550'. Temporary Pictured Cliffs perforated intervals 31 gallons water and 40,000 freed. BDP 30 1250-1350 freed. BPP 30 Lunderstand that this plan of work must receive approval in we	pr 1900 #, avg tr pr 1350-1400-1500-1600- pr 1900 #, avg tr pr 1350-1400-1500-1600- Propped 5 sets of 10 balls each -6 stages. Pridge Plug at 5200'. Water fractured 894;4938-4940;4944-4950;4964-4970;4980-492 1. BDP 1200 #, max pr 1900 #, avg tr pr PPM. Flush 6232 gallons. Propped 5 sets Bridge Flug at 4790. Water fractured 60-3168;3216-3232;3248-3256 with 42,947 00 #, max pr 3000 #, avg tr pr 1100-1150- 1. Propped 3 sets of 10 balls-4 stages.
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Title Petroleum Engineer		
	Fermington, New Mexico	By Casasa District of A Oliver