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## (SUBMIT IN TRIPLICATE)

## Land Office Santa Po

Unit ....

## UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO CHANGE PLANS.  NOTICE OF INTENTION TO TEST WATER SHUT-OFF.  NOTICE OF INTENTION TO TEST WATER SHUT-OFF.  NOTICE OF INTENTION TO TEST WATER SHUT-OFF.  NOTICE OF INTENTION TO SECONAL OR REPAIR WELL.  NOTICE OF INTENTION TO SECONAL OR REPAIR WELL.  NOTICE OF INTENTION TO SECONAL OR REPAIR WELL.  NOTICE OF INTENTION TO PULL OR ALTER CASING.  NOTICE OF INTENTION TO PROBLEM CASING.  NOTICE OF INTENTION TO PROBLEM CA	-	RILL	SUPSECULIE	DEPORT OF WAR	
MOTICE OF INTENTION TO TEST WATER SHUT-OFF.  MOTICE OF INTENTION TO REDRILL OR REPAIR WILL.  NOTICE OF INTENTION TO SHOOT OR ACIDIZE.  NOTICE OF INTENTION TO SHOOT OR ACIDIZE.  NOTICE OF INTENTION TO PULL OR ALTER CASING.  NOTICE OF INTENTION TO ABANDON WILL.  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  7-19  19  60  7-19  19  60  81  81  81  81  81  81  81  81  81  8	NOTICE OF INTENTION TO CHA	ANGE PLANS			YT Pune
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL NOTICE OF INTENTION TO SHOOT OR ACIDIZE. NOTICE OF INTENTION TO ABANDON WELL  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  7-19  19 60  2/4 RE/4 Reo. 19  124F	NOTICE OF INTENTION TO TES	ST WATER SHUT-OFF	SUBSECUENT		
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.  NOTICE OF INTENTION TO PULL OR ALTER CASING.  NOTICE OF INTENTION.  NOTICE OF IN	NOTICE OF INTENTION TO RE-	DRILL OR REPAIR WELL	SUBSPONENT	REPORT OF DE DOLL ING	
NOTICE OF INTENTION TO PULL OR ALTER CASING.  NOTICE OF INTENTION TO ABANDON WELL.  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE OR OTHER DATA)  7-19  19 60  7-19  19 60  8400 SPU  (All No. #3 is located 1070 ft. from	NOTICE OF INTENTION TO SHO	OOT OR ACIDIZE	II	REPORT OF ARANDONALEUT	MR
(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  7-19  19 60  7-19  19 60  7-19  19 60  7-19  19 60  For and Sec. 19  T24F F6W BY R  (King) (Range) (Mordian)  For (Two) (County or Subdivision)  (Field) (County or Subdivision)  The elevation of the derrick floor above sea level is 6782 ft.  DETAILS OF WORK  The analysis of proposed casings; indicates propagate casings; indicates opening points, and all other important proposed work)  FID 6,742! — ran correlation log. Perf. W/4 western stinger jets/ft (Ass.—Ass.)  FOR 6,742! — ran correlation log. Perf. W/4 western stinger jets/ft (Ass.—Ass.)  FOR 6,742! — ran correlation log. Perf. W/4 western stinger jets/ft (Ass.—Ass.)  FOR 6,742! — ran correlation log. Perf. W/4 western stinger jets/ft (Ass.—Ass.)  FOR 6,742! — ran correlation log. Perf. W/4 western stinger jets/ft (Ass.—Ass.)  FOR 6,742! — ran correlation log. Perf. W/4 western stinger jets/ft (Ass.—Ass.)  FOR 6,742! — ran correlation log. Perf. W/4 western stinger jets/ft (Ass.—Ass.)  FOR 6,742! — ran correlation log. Perf. W/4 western stinger jets/ft (Ass.—Ass.)  FOR 6,742! — ran correlation log. Perf. W/4 western stinger jets/ft (Ass.—Ass.)  FOR 6,742! — ran correlation log. Perf. W/4 western stinger jets/ft (Ass.—Ass.)  FOR 6,742! — ran correlation log. Perf. W/4 western stinger jets/ft (Ass.—Ass.)  FOR 6,742! — ran correlation log. Perf. W/4 western stinger jets/ft (Ass.—Ass.)  FOR 6,742! — ran correlation log. Perf. W/4 western stinger jets/ft (Ass.—Ass.)  FOR 6,742! — ran correlation log. Perf. W/4 western stinger jets/ft (Ass.—Ass.)  FOR 6,742! — ran correlation log. Perf. W/4 western stinger jets/ft (Ass.—Ass.)  FOR 6,742! — ran correlation log. Perf. W/4 western stinger jets/ft (Ass.—Ass.)  FOR 6,742! — ran correlation log. Perf. W/4 western stinger jets/ft (Ass.—Ass.)  FOR 6,742! — ran correlation log. Perf. W/4 western stinger jets/ft (Ass.—Ass.)  FOR 6,742! — ran correlation log. Perf. W/4 western stinger jets/ft (Ass.—Ass.)  FOR 6,742! — ran correlation log. Perf. W/4 wes	NOTICE OF INTENTION TO PUL	LL OR ALTER CASING	SUPPLEMENTA	RY WELL HISTORY	
A200 SPU  [cell No. #3 is located 1070 ft. from [N] line and 810 ft. from [E] line of sec. 19  [cell No. #3 is located 1070 ft. from [N] line and 810 ft. from [E] line of sec. 19  [cell No. 19	NOTICE OF INTENTION TO ABA	INDON WELL		INVIVAL	
A200 SPU  [cell No. #3 is located 1070 ft. from [N] line and 810 ft. from [E] line of sec. 19  [cell No. #3 is located 1070 ft. from [N] line and 810 ft. from [E] line of sec. 19  [cell No. 19					
// Jacob Set 1070 ft. from Siline and Siline	(I	INDICATE ABOVE BY CHECK MARK	NATURE OF REPORT	NOTICE, OR OTHER DATA)	
Vell No.   Sec.   19   124   F6W   MF M   19   19   19   19   19   19   19				7-19	10.60
Of Sec. and Sec. No.)  Of County or Subdivision)  Occupy or Subdivision)  DETAILS OF WORK  Of It.  DETAILS OF WORK  Of It.  Of It.	AROO SEU				, 19
Of Sec. and Sec. No.)  (Twp.) (Range) (County or Subdivision)  (County or Subdivision)  (County or Subdivision)  (County or Subdivision)  (State of Twitter)  (Reange) (Need and Sec. No.)  (Pick)  (County or Subdivision)  (County or Subdivision)  (State of Twitter)  (State of Twitter)  (Reange) (Need and Sec. No.)  (County or Subdivision)  (State of Twitter)  (State of Twitter)  (County or Subdivision)  (State of Twitter)  (State of Twitter)  (County or Subdivision)  (State of Twitter)  (State of Twitter)  (State of Twitter)  (County or Subdivision)  (State of Twitter)  (State of Twitter)  (State of Twitter)  (State of Twitter)  (County or Subdivision)  (State of Twitter)  (Stat	vell No. #3 is	located 1070 ft. from	$-\begin{cases} N \\ S \end{cases}$ line and	810 ft. from $\{E\}$ line	of sec. 19
Fig. Arriba (Gomby or Subdivision)  (Field)  (County or Subdivision)  (State of The Total Control of the derrick floor above sea level is 6782 ft.  DETAILS OF WORK  (State of The Total Control of the derrick floor above sea level is 6782 ft.  DETAILS OF WORK  (State of The Total Control of the derrick floor above sea level is 6782 ft.  DETAILS OF WORK  OIL CON. COM.  OIL COM. COM.  OIL CON. COM.  OIL COM. COM.  OIL COM. COM.  OIL CON. COM.  OIL COM. CO	MA ANA 300. 19	Т24Л		• •	
(Field)  (County or Subdivision)  (State # Tellory)  (COUNTY  (COUNTY  (State # Tellory)  (OIL CON. COM.  (IIL 2 2 1960  (OIL CON. COM.  (OIL CON.  (OIL C		·		(Meridian)	arii
DETAILS OF WORK  DETAILS OF WORK  OIL CON. COM.  At a names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate proving join, cames.  BTD 6,742' - ran correlation log. Perf. w/4 statern stinger jets/ft 1662 - 44  ressured well to 4,/00# - unable to break frm. down - ran tbg spotted 200  lik of 15% RCL - goaked frm. broke down w/4,900# - broke to 3,200# w/1.2. 28/N  loco 3 twin sestern frac manters I.F. 3900 NIF, 3860 Rax, 4000 4VE, 3950. Fins  1000. Initial Shut In 3600. 10 min Shut In 3,100 - Ave. I 22.5 E/N. Set  liker Mag. B				Sev Hope	pot 11/2
DETAILS OF WORK  OIL CON.	,	(County or	Buddivision)	(State of Theilo	otivin\
DETAILS OF WORK  OIL CON.	ne elevation of the der	rick floor above sea leve	lis 6782 a	. j	/
DETAILS OF WORK  OIL CON. COM.  The names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate property in points, and all other important proposed work)  BTD 6,742! — ran correlation log. Perf. w/A western stinger jets/ft idea — 44  The seasured well to 4,400% — unable to break frm. down — ran tbg. — spotted 200  Lis of 15% RCL — Boaked frm. broke down w/A,000% — broke to 3,200% w/I.R. 28/N  Landing press 2,600%. Fulled tbg. — frmc Dakota w/20,000 gal water, 20,000%  Landing press 2,600%. Fulled tbg. — frmc Dakota w/20,000 gal water, 20,000%  Listed Shut In 3600. 10 min Shut In 3,100 — Ave. I.A. 22.5 B/N. Set  Ref Mag. B.T. 8630 — Ferf. 8/A sentern stinger jets/ft 6620—06,6580—66,  14-04 — rigged up to frmc — Inj. 2 B/N — 4000%. Shut down & bleed press — abl  Landing press is the to 3000. Started frmc — frmc w/20,000 gal  Landing press is the to 3000. Started frmc — frmc w/20,000 gal  Landing press is the to 3000. Started frmc — frmc w/20,000 gal  Landing press is the to 3000. Started frmc — frmc w/20,000 gal  Landing press is the to 3000. Started frmc — frmc w/20,000 gal  Landing press is the to 3000. Started frmc — frmc w/20,000 gal  Landing press is the total shut in 3600 in Min. Shut in 3200.  Landing press and in writing by the Geological Survey before operations may be commenced.  Landing press and the this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Landing press and the this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Landing press 2,000%. The press and the grading press and the		and and anote sea leve	. 10 <u> </u>	الل أ	L 2 2 1960
in points, and all other important proposed casings; indicate spating job, comentary by the commentary proposed work)  BTD 6,742¹ - ran correlation log. Perf. w/4 western stinger jets/tt toes - 44  ressured well to 4,400% - unable to break frm. down - ran tbg spotted 200  als of 15% KCL - Boaked frm. broke down w/4,900% - broke to 3,200% w/1.R. 28/M  landing press 2,500%. Fulled tbg frac Dakota w/20,000 gal water, 20,000%  landing press 2,500%. Fulled tbg frac Dakota w/20,000 gal water, 20,000%  landing press 2,500%. Fulled tbg frac Dakota w/20,000 gal water, 20,000%  landing press 2,500%. Fulled tbg frac Dakota w/20,000 gal water, 20,000%  loco. Initial Shut In 3600. 10 min Shut In 3,100 - Ave. I		DETAIL	S OF WORK	1 011	- 1
ressured well to 4,400% - unable to break frm. down - ran the - spotted 200 als of 15% MCL - Boaked frm. broke down w/4,000% - broke to 3,200% w/1.8. 28/N kanding press 2,600%. Fulled the - frac Dakota w/20,000 gal water, 20,000% [0-60] twin Western frac masters I.F. 3900 MTM, 3860 Max, 4000 4VE, 3950. Fins 200. Initial Shut In 3600. 10 min Shut In 3,100 - Ave. I.E. 22.5 8/N. Set ker Mag. B.F. 36630 - Ferf. W/4 western stinger jets/ft 6620-06,658(166,114-04 - rigged up to frac - Inj. 2 B/M = 4000%. Shut down & bleed press - ablump in 3 B/M 4200%. Funped in 200 gal of 15% HCL down eag pumped acid to frac - 8000% 40-60 Sd. 16,000% 20-40 I.F. press 4000 - Max 4400 Ave 4200, 200 gal to 15% HCL down eag frac w/20,200 gal to 8000% 40-60 Sd. 16,000% 20-40 I.F. press 4000 - Max 4400 Ave 4200. Final CO Ave I.E. 2 B/M - Initial Shut In 3600 10 Min. Shut In 3200.  Understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. Pedforn & Herd Inc.  Box 1747  Hess	ate names of and expected dept	ths to objective sands; show sizes.	, weights, and lenet	hs of proposed seed to the	CON. COM.
ressured well to 4,400% - unable to break frm. down - ran the - spotted 200 als of 15% HCL - soaked frm. broke down w/4,000% - broke to 3,200% w/1.R. 28/N landing press 2,600%. Fulled the - frac Dakota w/20,000 gal water, 20,000% 0-60 3 twin Testern frac masters 1.F. 3900 HTM, 3860 Hax, 4000 4VE, 3950. Fins 100. Initial Shut In 3600. 10 min Shut In 3,100 - Ave. 1.5. 22.5 8/N. Set ker Mag. B.F. 36530 - Ferf. V/4 sestern stinger jets/ft 6620-06,6580-66, 114-04 - rigged up to frac - Inj. 2 B/M - 4000%. Shut down & bleed press - ablump in 3 B/M 4200%. Pumped in 200 gal of 15% HCL down eag pumped acid to frac - Source frac w/20,000 gal ter 8000% 40-60 Sd. 16,000% 20-40 I.F. press 4000 - Hax 4400 Ave 4200. Final CO Ave I.F. 18.2 B/M - Initial Shut In 3600 10 Min. Shut In 3200.  Understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. Pedfern & Herd Inc.  Box 1747  Hess		ing points, and all oth	er important propo	sed work)	And ion comer
tanding prens 2,600%. Fulled the frac Dakota w/20,000 gal water, 20,000% [0-60] twin Western frac masters I.F. 3900 MIN, 3860 Max, 4000 4V% 3950. Fins 10-60] twin Western frac masters I.F. 3900 MIN, 3860 Max, 4000 4V% 3950. Fins 1000. Initial Shut In 3600. 10 min Shut In 3,100 - Ave. I.S. 22.5 MM. Set war Mag. B.F. 6630 - Ferf. W/4 Western stinger jets/ft 6620-06,6580-66, 114-04 - rigged up to frac - Inj. 2 B/M 4000%. Shut down a bleed press - ablump in 3 B/M 4200%. Fumped in 200 gal of 15% HCL down cag pumped acid to frace 8000% 40-60 Sd. 16,000% 20-40 I.F. press 4000 - Max 4400 Ave 4200, Final CO Ave I.F. 18.2 B/M - Initial Shut In 3600 10 Min. Shut In 3200.  Understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Box 1747  Heres Box 1747	oru 6,742' - ran c	correlation log. Pa	erf. u/4 de	stern stinger jeter	ST. LAKE - IL
tanding press 2,600%. Fulled the frac Dakota w/20,000 gal water, 20,000% [0-60 3 twin Western frac masters I.F. 3900 MIN, 3800 Max, 4000 4VE, 3950. Fins 200. Initial Shut In 3600. 10 min Shut In 3,100 - Ave. I 22.5 E/M. Set aker Mag. B.F. 6630 - Perf. 8/4 sestern stinger jets/ft 6620-06,6580-66, 114-04 - rigged up to frac - Inj. 2 B/M = 4000%. Shut down & bleed press - ablump in 3 B/M 4200%. Pumped in 200 gal of 15% HCL down cag pumped acid to frace 8000% 40-60 5d. 16,000% 20-40 I.F. press 4000 - Max 4400 Ave 4200, Final CO Ave I.F. 18.2 B/M - Initial Shut In 3600 10 Min. Shut In 3200.  understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Padfern 4 Herd Inc.  Box 1747  Iress - Box 1747	- Andrews BATT FOL ?	1.4.7.1.7.1.100 👄 双股级联 6 6 6 6	Programme of the second	المعاصدة المعاصدة	
10-60 3 twin Western frac masters I.F. 3900 MIR, 3860 Max, 4000 4V8, 3950. Pins No. Initial Shut In 3600. 10 min Shut In 3,100 - Ave. I.M. 22.5 B/N. Set wher Mag. B.F. 6630 - Perf. W/A Mestern stinger jets/ft 6620-06,6580-66, 114-04 - rigged up to frac - Inj. 2 B/M - 4000%. Shut down & bleed press - ablump in 3 B/M 4200%. Pumpeu in 200 gal of 15% HCL down eag pumped acid to fracer 8000% 40-60 Sd. 16,000% 20-40 I.F. press 4000 - Max 4400 Ave 4200, Final CO Ave I.F. 18.2 B/M - Initial Shut In 3600 10 Min. Shut In 3200.  Understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Pedform & Herd Inc.  Box 1747	The Last State	PARAMETER & COM & COOK & COOK & COOK	MUR. 1377 (# # i	or beaution by a second of	/* ·
No. Initial Shut In 3600. 10 min Shut In 3,100 - Ave. I. 22.5 B/M. Set ther Mag. B.7. 5630 - Perf. 8/4 Sestern stinger jets/ft 6620-06,6580-66, 14-04 - rigged up to frac - Inj. 2 B/M = 4000\$\text{in}\$. Shut down \$\times\$ bleed press - ablump in 3 B/M 4200\$\times\$. Pumped in 200 gal of 15% BCL down eag pumped acid to frace 8000\$\times\$ 40-60 Sd. 16,000\$\times\$ 20-40 I.F. press 4000 - Max 4400 Ave 4200, Final CO Ave I.F. 18.2 B/M - Initial Shut In 3600 10 Min. Shut In 3200.  Understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. Inpany  Box 1747  Box 1747					
ther Mag. B.T. 6630 - Perf. 1/4 sentern stinger jets/ft 6620-06,658(-66, 114-04 - rigged up to frac - Inj. 2 R/M 4000%. Shut down a bleed press - abl app in 3 B/M 4200%. Pumped in 200 gal of 15% HCL down cag pumped acid to fr 4200. When acid hit press broke to 3000. Started frac - frac w/20,000 gal ter 8000% 40-60 Sd. 16,000% 20-40 I.F. press 4000 - Max 4400 Ave 4200, Final CC Ave I.T. 18.2 B/M - Initial Shut In 3600 10 Min. Shut In 3200.  understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. Items 1747  Box 1747  Box 1747	anding press 2.60				
14-04 - rigged up to fruc - Inj. 2 R/M 4000%. Shut down a bleed press - abl  mp in 3 R/M 4200%. Pumped in 200 gal of 15% HCL down eng pumped acid to fr  4200. When acid hit press broke to 3000. Started fruc - fruc w/20,000 gal  ter 8000% 40-60 Sd. 16,000% 20-40 I.F. press 4000 - Max 4400 Ave 4200, Final  CO Ave I.T. 18.2 B/M - Initial Shut In 3600 10 Min. Shut In 3200.  understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Pedform 4 Herd Inc.  Box 1747  Iress	anding press 2,60	MA frac mesters T.	IPAC DAKOT R. 3000 Will	8 4/20,000 gal wate	r, 20,000#
mp in 3 B/M 4200%. Purpou in 200 gal of 15% HCL down eng pumped acid to fy 4200. When acid hit press broke to 3000. Started frac - frac w/20,000 gal for 8000% 40-60 Sd. 16,000% 20-40 I.F. press 4000 - Max 4400 Ave 4200, Final CO Ave I.F. 18.2 B/M - Initial Shut In 3600 10 Ma. Shut In 3200.  understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Pedform & Herd Inc.  Box 1747  Tress	tanding press 2,60 0-60 3 twin Weste	ora frac menters I.1	F. 3900 MIN	8 W/20,000 gal wate, 3860 Max, 4000 4V	r, 20,000# %,3950. Fine
4200. When acid hit press broke to 3000. Started frac - Frac w/20,000 gal ter 8000# 40-60 Sd. 16,000# 20-40 I.F. press 4000 - Max 4400 Ave 4200, Final CO Ave I.F. 18.2 B/M - Initial Shut In 3600 10 Min. Shut In 3200.  understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  mpany  Box 1747  Widland Terms.	tanding press 2,60 10-60 3 twin Weste 200. Initial Shut ker Mag. B.P. 466	orn frac masters I.3 In 3600. 10 min 1	F. 3900 MIN Short In 3,1	8 4/20,000 gal wate , 3800 Max, 4000 4V 00 - Ave. I.S. 22.5	r, 20,000# <b>5,395</b> 0. <b>Fi</b> m 5/X. Set
Seer 8000 40-60 Sd. 16,000 20-40 I.F. press 4000 - Max 4400 Ave 4200, Final CO Ave I.F. 18.2 B/M - Initial Shut In 3600 10 Min. Shut In 3200.  understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  npany  Box 1747  Widlend Terms	tanding press 2,60 10-60 3 twin Weste 100. Initial Shut 14-04 - rigged up	un frac masters I.3 Un 3600. 10 min 1 30 - Perf. V/4 West	F. 3900 WIR Shot In 3,10 term stinge	8 4/20,000 gal wate, 3800 Kax, 4000 4V 00 - Ave. I. 22.5 r jets/ft 6620-06,6	r, 20,000# \$,3950. Pim E/H. Set 580–66,
co Ave I. 7. 18.2 B/M - Initial Shut In 3600 10 Min. Shut In 3200.  understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  npany  Box 1747  Middland. Term.	tanding press 2,60 10-60 3 twin Weste 200. Initial Shut aker Mag. B	In frac masters 1.7 In 3600. 10 min 1.30 - Perf. 1/4 west to frac - Inj. 2 F	F. 3900 MIN Smut In 3,10 term stinge VM - 4000/	8 v/20,000 gal wate, 3800 Kax, 4000 4v 00 - Ave. I 22.5 r jets/ft 6620-06,6 . Shut down & blee	r, 20,000# 5,3950. Fins 5/8. Set 5/8(-66, 1 press - ab)
understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  npany  Box 1747  Policy Trees	tanding press 2,60 10-60 3 twin Weste 200. Initial Shut aker Mag. B. 7. 66 114-04 - rigged up mp in 3 B/M 4200# 4200. When seid	In frac masters 1.7 In 3600. 10 min 1 30 - Perf. 1/4 west to frac - Inj. 2 F Pumpeu in 200 ge hit press make to	F. 3900 NIN Smut In 3,10 term stinge N/M - 4000/ il of 15% H	8 4/20,000 gal wate, 3860 Max, 4000 4V 00 - Ave. I	r, 20,000# 5,3950. Fins 5/4. Set 56(-66, 1 press - abl si soid to fr
understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  npany  Box 1747	tanding press 2,60 0-60 3 twin Weste 00. Initial Shut ker Mag. B.P. 66 114-04 - rigged up mp in 3 B/M 4200# 4200. When acid iter 8000# 40-60 5	In frac masters I. In 3600. 10 min 1. 30 - Ferf. 1/4 West to frac - Inj. 2 Ferman in 200 ge hit press broke to d. 16.000# 20-40 I.	F. 3900 MIN Smit In 3,19 term stinge N/M = 4000/ al of 15% H 3000. Sta	3800 Max, 4000 4V 3800 Max, 4000 4V 00 - Ave. I 22.5 r jets/ft 6620-06,6 Shut down & blee old down cag pump rted frac - frac w/	r, 20,000# 5,3950. Fins 5/4. Set 56(-66, 1 press - abl si soid to fr
npany Box 1747	tanding press 2,60 10-60 3 twin Weste 200. Initial Shut ther Mag. B.P. 66 114-04 - rigged up mp in 3 B/M 4200# 4200. When acid iter 8000# 40-60 5	In frac masters I. In 3600. 10 min 1. 30 - Ferf. 1/4 West to frac - Inj. 2 Ferman in 200 ge hit press broke to d. 16.000# 20-40 I.	F. 3900 MIN Smit In 3,19 term stinge N/M = 4000/ al of 15% H 3000. Sta	3800 Max, 4000 4V 3800 Max, 4000 4V 00 - Ave. I 22.5 r jets/ft 6620-06,6 Shut down & blee old down cag pump rted frac - frac w/	r, 20,000# 5,3950. Fins 560-66, 1 press - abl si soid to fr 20,000 gal 1200, Final
iress Sax 1747	tending press 2,60 to 60 3 twin Wester XOO. Initial Shut ker Mag. B.J. 66 14-04 - rigged up mp in 3 B/M 4200# 4200. When acid ter 8000# 40-60 Stor Ave I.F. 18.2	In frac masters I. In 3600. 10 min 1. 30 - Perf. 1/4 kest to frac - Inj. 2 F. Pumpeu in 200 ge hit press broke to d. 16,000// 20-40 I. B/M - Initial Shut	F. 3900 MIN Smit In 3,10 term stinges NM = 4000% al of 15% H 3000. Stan F. press 40	s w/20,000 gal wate, 3800 Max, 4000 4V. 00 - Ave. I 22.5 r jets/ft 6620-06,60 . Shut down & bleed CL down cag pumperted frac - frac w/2 000 - Max 4400 Ave 1 81a. Shut In 3200	r, 20,000# 5,3950. Fins 580-66, 1 press - abl si acid to fr 20,000 gal 1200, Final
lress Box 1747	tanding press 2,50 0-60 3 twin Weste 00. Initial Shut ther Mag. B.P. 56 114-04 - rigged up mp in 3 B/M 4200# 4200. When acid it ter 8000# 40-60 S 00 Ave I.P. 18.2	irn frac masters 1.7 In 3600. 10 min 1 30 - Perf. 1/4 west to frac - Inj. 2 f Pumpeu in 200 ge hit press breke to d. 16,000// 20-40 I. B/M - Initial Shut	F. 3900 MIN Smit In 3,10 term stinges NM = 4000% al of 15% H 3000. Stan F. press 40	s w/20,000 gal wate, 3800 Max, 4000 4V. 00 - Ave. I 22.5 r jets/ft 6620-06,60 . Shut down & bleed CL down cag pumperted frac - frac w/2 000 - Max 4400 Ave 1 81a. Shut In 3200	r, 20,000# 5,3950. Fins 580-66, 1 press - abl si acid to fr 20,000 gal 1200, Final
Midland Tame	tanding press 2,60 to 60 3 twin Wester 200. Initial Shut wher Mag. 8.7. 66 14-04 - rigged up in 3 8/M 4200# 4200. When seid iter 8000# 40-60 Stor 8000# 4000#	irn frac masters 1.7 In 3600. 10 min 1 30 - Perf. 1/4 west to frac - Inj. 2 f Pumpeu in 200 ge hit press breke to d. 16,000// 20-40 I. B/M - Initial Shut	F. 3900 MIN Smit In 3,10 term stinges NM = 4000% al of 15% H 3000. Stan F. press 40	s w/20,000 gal wate, 3800 Max, 4000 4V. 00 - Ave. I 22.5 r jets/ft 6620-06,60 . Shut down & bleed CL down cag pumperted frac - frac w/2 000 - Max 4400 Ave 1 81a. Shut In 3200	r, 20,000# 5,3950. Fins 580-66, 1 press - abl si acid to fr 20,000 gal 1200, Final
Midland, Texas  By Original signed by T. A. Dugan	tanding press 2,60 10-60 3 twin Weste 100. Initial Shut 10-61 Hag. B.T. 66 114-04 - rigged up 10 3 B/M 4200# 1200. When acid 10 8000# 40-60 Stor 8000# 40-60 Stor 8000# 10 Initial Shut 10 Ini	irn frac masters 1.7 In 3600. 10 min 1 30 - Perf. 1/4 west to frac - Inj. 2 f Pumpeu in 200 ge hit press breke to d. 16,000// 20-40 I. B/M - Initial Shut	F. 3900 MIN Smit In 3,10 term stinges NM = 4000% al of 15% H 3000. Stan F. press 40	s w/20,000 gal wate, 3800 Max, 4000 4V. 00 - Ave. I 22.5 r jets/ft 6620-06,60 . Shut down & bleed CL down cag pumperted frac - frac w/2 000 - Max 4400 Ave 1 81a. Shut In 3200	r, 20,000# 5,3950. Fins 580-66, 1 press - abl si acid to fr 20,000 gal 1200, Final
By Unginal signed by f. A. Dugau	tanding press 2,60 10-60 3 twin Weste 200. Initial Shut aker Mag. B.T. 66 114-04 - rigged up app in 3 B/M 4200# 4200. When acid ater 8000# 40-60 Stor 8000# 40-60 Stor 8000# understand that this plan of went appany Redfern 4 1	irn frac masters 1.7 In 3600. 10 min 1 30 - Perf. 1/4 west to frac - Inj. 2 f Pumpeu in 200 ge hit press breke to d. 16,000// 20-40 I. B/M - Initial Shut	F. 3900 MIN Smit In 3,10 term stinges NM = 4000% al of 15% H 3000. Stan F. press 40	s w/20,000 gal wate, 3800 Max, 4000 4V. 00 - Ave. I 22.5 r jets/ft 6620-06,60 . Shut down & bleed CL down cag pumperted frac - frac w/2 000 - Max 4400 Ave 1 81a. Shut In 3200	r, 20,000# 5,3950. Fins 580-66, 1 press - abl si acid to fr 20,000 gal 1200, Final
	tanding press 2,60 10-60 3 twin Weste 100. Initial Shut 14-04 - rigged up 14-04 - rigged up 15 3 8/M 4200# 14200. When acid 15 8000# 40-60 Stor 8000# 1. 18.2  understand that this plan of we not show the short	Fig. 1.3600. 10 min : 30 - Ferf. 1/4 went to frac - Inj. 2 Ferf. 1/4 went to frac - Initial Shut work must receive approval in write Herd Inc.	F. 3900 MIN Smpt In 3,19 term stinges A/M - 4000/ al of 15% He 3000. Staj F. press 40 In 3600 10	a w/20,000 gal wate, 3800 kax, 4000 4v.  3800 kax, 4000 4v.  00 - Ave. I 22.5  r jets/ft 6620-06,6;  Shut down & blee  CL down eag pumperted frac - frac w/2  000 - Max 4400 Ave /  61a. Shut In 3200,  cal Survey before operations may	r, 20,000# 3,3950. Fins E/N. Set 560-66, i press - abl sci acid to fr 20,000 gal 4200, Final
	tanding press 2,60 10-60 3 twin Weste 100. Initial Shut 14-04 - rigged up 14-04 - rigged up 15 3 8/M 4200# 14200. When acid 15 8000# 40-60 Stor 8000# 1. 18.2  understand that this plan of we not show the short	Fig. 1.3600. 10 min : 30 - Ferf. 1/4 went to frac - Inj. 2 Ferf. 1/4 went to frac - Initial Shut work must receive approval in write Herd Inc.	F. 3900 MIN Smpt In 3,19 term stinges A/M - 4000/ al of 15% He 3000. Staj F. press 40 In 3600 10	original signed by I	r, 20,000/ 3,3950. Find 580-66, 1 press - abled acid to fr 20,000 gal 1200, Final be commenced.