Budget B	ureau .	No. 4	12-R358.4.
Approval	emire	12-	31-40

(1	Feb. 1951)			

(SUBMIT IN TRIPLICATE)

## UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

				V
and O	ffice 076	337		-
	io			-
	Heath	GRS	Unit	a Li
Init				

NOTICE OF INTENTION TO CHANGE PLANS.  NOTICE OF INTENTION TO CHANGE PLANS.  NOTICE OF INTENTION TO CHANGE PLANS.  NOTICE OF INTENTION TO REPORT OF REPORT OF ACIDIZING.  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 SHOOT OR ACIDIZE.  SUBSEQUENT REPORT OF ABANDONING TO ALTERING CASING.  SUBSEQUENT REPORT OF ABANDONING TO ALTERING CASING.  SUBSEQUENT REPORT OF ABANDONING TO ALTERING CASING.  SUBSEQUENT REPORT OF ABANDONING TO THE ALTER CASING.  SUBSEQUENT REPORT OF ABANDONICH.  NOTICE OF THE ABANDONICH.  NOTICE OF	NOTICE OF	INTERPRETARE TO	DDUI	1	SUBSECUENT DEBOD	T OF WATER SHITT-OFF	· · · · · · · · · · · · · · · · · · ·
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.  NOTICE OF INTENTION TO RE-DRILL OR REPAR WELL.  NOTICE OF INTENTION TO SHOOT OR ACIDIZE.  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 PULL OR ALTER CASING.  NOTICE OF INTENTION TO ABANDON WELL.  SUPPLEMENTARY WELL HISTORY.  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  Paralingtam, New Marties May 1  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  Paralingtam, New Marties May 1  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  Paralingtam, New Marties May 1  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  Well No.  1 is located ft. from S line and ft. from S line and				į			i i
Well No	I MOLICE OF				SUBSEQUENT REPORT	T OF ALTERING CASING	
Well No. is located ft. from S line and see Next co S line and see N	1			4			1 1
Well No. is located ft. from S line and ft. from E W line of sec.  Well No. is located ft. from S line and ft. from E W line of sec.  SW/4 of Section 8 7-29-8 8-4-8 136-8  Blanco-Reservedo Sem Juan (Rango) (Meridian) Sew Mexico Sem Juan (Field) (County or Subdivision) (State or Territor) MAY 1 () COM CC DETAILS OF WORK  (State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding remember of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding remember of the state of the st	1						
Well No. 1 is located ft. from S line and ft. from E line of sec.  SW/A of Section 8 1-29-N B-27 MM/N  Blanco-he saverde Sen Juan  (Field) (County or Subdivision) (Meridian)  The elevation of the derrick floor above sea level is ft.  DETAILS OF WORK  (State names of and expected depths to objective anders above sizes, weights, and long the of proposed casings, indicate mudding members of the county of 5° casing lines from \$500° to 3555° and commented with 200 sacks comment for 24 hours, casing and secund were tested with 1000 lbs pressure for 30 minutes with no drop in pressure. Perforated lines with 200 sacks commit to 50,000 gallons water and 70,000 possess send. Average injection rate 50.8 FPM Perforated with 2 shots per foot 3774-66, 1312-26, 1374-66. Franked with 40,000 gallons water and 50,000 possess send. Average injection rate 50.8 FPM. Preliminary test 4118 MOFFU.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Pan American Petroletin Comparation.  Box 467	1			i			
Well No. is located ft. from S line and 1659 ft. from W line of sec.  SW/4 of Section 6 7-29-N B-3-5 MM-M  Blames-Reserverde Sam Juan  (Field) (County or Subdivision) (Meridian)  The elevation of the derrick floor above sea level is 5613 ft.  DETAILS OF WORK  (State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed easings; indicate mudding someonic important proposed work)  Moved on workover rig and pulled tubing. Cleaned out hale to total depth of 1515.  Ran 95% of 5° casing liner from 4509 to 3555 and comented with 200 sacks coment. After waiting on coment for 24 hours, casing and coment were tested with 1000 lbs pressure for 30 minutes with no drop in pressure. Perforated liner with 2 shote per foot 1376-165, 132-56, 132-56, 1266-66, 1215-32. Practical these perforation with 50,000 gallons water and 70,000 pounds sand. Average injection rate 50.8 HM. Perforated with 2 shote per foot 3774-66. Practical with 40,000 gallons water and 50,000 pounds sand average injection rate 49 NPM. Preliminary tost 1118 MGFPU.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Pan insertical Petroleum Corporation  Box 467		<u></u>	(INDICATE ABO	VE BY CHECK MARK			
Blanco-desaverde  Sem Juan  (Kango)  (Keridian)  (State or Teritor)  (Meridian)  (Keridian)  (State or Teritor)  (Meridian)  (State or Teritor)  (					Parmington, M	ev Mexico May	19
Blanco-desaverde  Sem Juan  (Kango)  (Keridian)  (State or Teritor)  (Meridian)  (Keridian)  (State or Teritor)  (Meridian)  (State or Teritor)  (	Well No	1	is located	993 ft. from	$\{\stackrel{X}{N}\}$ line and	ft. from $\{E_{\mathbf{y}}\}$ line	e of sec.
(Field) (County or Subdivision)  The elevation of the derrick floor above sea level is  DETAILS OF WORK  (State names of and expected depths to objective anales, show sizes, weights, and lengths of proposed casings; indicate mudding and all picture integration proposed work)  Noved on vorticover rig and pulled tubing. Cleaned out inche to total depth of 4515.  Ram 954, of 5° casing liner from 4509' to 3555' and commune with 200 sacks commune After waiting on commune for 24 hours, casing and commune with 200 sacks commune pressure for 30 minutes with no drop in pressure. Perforated liner with 2 shots per foot 4376-44.54, 4361-66, 4322-54, 4268-66, 4218-32. Fracked thouse perforation with 50,000 gallene water and 70,000 pounts sand. Average injection rate 50.8 FM. Perforated with 2 shots per foot 3774-66. Fracked with 40,000 gallens water and 50,000  Junderstand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Company  Address  Box 487  Address	_			r-29-N B	(3)	{ <b>vv</b> }	/arm
The elevation of the derrick floor above sea level isft.  DETAILS OF WORK  DETAILS OF WORK  (State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding lengths and all other important proposed work)  Noved on workover rig and pulled tubing. Unessed out is take to total depth of 4515'. Ran 954' of 5" casing liner from 4509' to 3555' and comented with 200 sacks coment. After waiting on coment for 24 hours, casing and coment were tested with 1000 lbs pressure for 30 minutes with no drop in pressure. Perforated liner with 2 shots per foot 4376-4454, 4361-66, 4322-54, 4268-66, 4218-32. Pracked those perforation with 50,000 gallons water and 70,000 pounds sand. Average injection rate 50.8 BM. Perforated with 2 shots per foot 3774-66. Pracked with 40,000 gallons water and 50,000 4064-76, 4086-94, 4138-95, 4174-66. Pracked with 40,000 gallons water and 50,000 pounds sand average injection rate 49 BM. Preliminary tost 4118 MGFPD.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Pan American Petroleum Corporation  Box 487  Address	Blanco-M	Sec. and Sec. No	.) <b>S</b> 4	(Twp.) (	Range) (		/ RILLIY
DETAILS OF WORK  (State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding to impoint, and all other important proposed work)  Noved on workover rig and pulled tubing. Cleaned out isola to total depth of 4515.  Ram 954, of 5" casing liner from 4509 to 3555! and comented with 200 eachs coment. After waiting on coment for 24 hours, casing and coment were tested with 1000 lbs pressure for 30 minutes with no drop in pressure. Perforated liner with 2 shots per foot 4376-445h, 4361-66, 4322-54, 4268-66, 4218-32. Fracked these perforations with 50,000 gallons water and 70,900 pounds sand. Average injection rate 50.8 HPM Perforated with 2 shots per foot 3774-66, 3794-3826, 3650-82, 3940-56, 4016-30, 4064-76, 4086-94, 4136-95, 4174-66. Pressed with 40,000 gallons water and 50,000 pounds sand average injection rate 49 HPM. Preliminary test 4118 MCFPU.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Pan American Petroleum Corporation  Box 467  Address		(Field)		(County or	Subdivision)	(State or Territ	MAY 10 KE
DETAILS OF WORK  (State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding to impoint, and all other important proposed work)  Noved on workover rig and pulled tubing. Cleaned out isola to total depth of 4515.  Ram 954, of 5" casing liner from 4509 to 3555! and comented with 200 eachs coment. After waiting on coment for 24 hours, casing and coment were tested with 1000 lbs pressure for 30 minutes with no drop in pressure. Perforated liner with 2 shots per foot 4376-445h, 4361-66, 4322-54, 4268-66, 4218-32. Fracked these perforations with 50,000 gallons water and 70,900 pounds sand. Average injection rate 50.8 HPM Perforated with 2 shots per foot 3774-66, 3794-3826, 3650-82, 3940-56, 4016-30, 4064-76, 4086-94, 4136-95, 4174-66. Pressed with 40,000 gallons water and 50,000 pounds sand average injection rate 49 HPM. Preliminary test 4118 MCFPU.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Pan American Petroleum Corporation  Box 467  Address	The eleva	tion of the	derrick floor	r above sea lev	el is ft.		OIL COM CO
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding in gappints, and all other important proposed work)  Noved on workover rig and pulled tubing. Clearing roots work in the to total depth of 4515.  Ran 954 of 5" casing liner from 4509' to 3555' and committee with 200 sacks commit after waiting on commit for 24 hours, casing and commit were tested with 1000 lbs pressure for 30 minutes with no drop in pressure. Perforated liner with 2 shote per foot 4376-445h, 4361-66, 4322-54, 4268-66, 4218-32. Fracked these perforation with 50,000 gallons water and 70,000 pounds sand. Average injection rate 50.8 BM Perforated with 2 shots per foot 3774-66, 3794-3625, 3850-82, 3940-56, 4016-30, 4064-76, 4066-94, 4136-36, 4174-66. Fracked with 40,000 gallons water and 50,000 pounds sand average injection rate 49 BFM. Preliminary test 4118 MGFPU.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Pan American Petroleum Corporation  Box 487  Address							DIST 3
Ran 954 of 5" casing liner from 4509' to 3555' and comented with 200 eachs coment. After waiting on coment for 24 hours, casing and coment were tested with 1000 lbs pressure for 30 minutes with no drop in pressure. Perforated liner with 2 shots per foot 4376-4454, 4361-65, 4322-54, 4268-65, 4218-32. Fracked these perforation with 50,000 gallons water and 70,000 pounds sand. Average injection rate 50.8 PM. Perforated with 2 shots per foot 3774-65, 3794-3826, 3850-82, 3940-56, 4016-30, 4064-76, 4086-94, 4136-55, 4174-65. Fracked with 40,000 gallons water and 50,000 pounds sand average injection rate 49 HPM. Preliminary test 4118 MCFPU.  Lunderstand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Pan American Petroleum Corporation  Box 487  Address	(State names	of and expects	d depths to object			proposed casings; indicate	mudding )
After waiting on commuter 24 hours, casing and coment were tested with 1000 lbs pressure for 30 minutes with no drop in pressure. Perforated liner with 2 shote per foot 4376-4454, 4361-66, 4322-54, 4268-66, 4218-32. Fracked these perforations with 50,000 gallons water and 70,000 pounds sand. Average injection rate 50.8 HPM. Perforated with 2 shots per foot 3774-66, 3794-3626, 3850-82, 3940-56, 4016-30, 4064-76, 4086-94, 4136-96, 4174-66. Fracked with 40,000 gallons water and 50,000 pounds sand average injection rate 49 HPM. Preliminary test 4118 HGFPU.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Pan American Petroleum Corporation  Company  Box 487	Moved on	M: LEGAL:	LITE SERVICE	MITTING PROPER	R. CYRENIAS OF	A THINK ON CHAST	cohen or days.
pressure for 30 minutes with no drop in pressure. Perforated liner with 2 shote per foot 1376-1454, 4361-66, 1322-54, 4268-66, 4218-32. Fracked these perforations with 50,000 gallens water and 70,000 pounds sand. Average injection rate 50.8 MPM. Perforated with 2 shots per foot 3774-66, 3794-3626, 3850-82, 3940-56, 4016-30, 4064-76, 4086-94, 4136-36, 4174-66. Fracked with 40,000 gallens water and 50,000 pounds sand average injection rate 49 BPM. Preliminary test 4118 MCFPU.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Company  Box 487  Address							
per foot 1376-14.54, 4361-66, 1322-54, 4268-66, 1218-32. Fracked these perforations with 50,000 gallons water and 70,000 pounds sand. Average injection rate 50.8 EPR Perforated with 2 shots per foot 3774-66, 3791-3626, 3850-82, 3940-54, 4016-30, 4064-76, 4086-94, 4136-56, 4174-66. Franked with 48,000 gallons water and 50,000 pounds sand average injection rate 49 EPR. Preliminary test 4118 MGFPU.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Pan American Petroleum Corporation  Company  Box 487  Address	Ran 954'						
Perferenced with 2 shots per feet 3774-66, 3794-3626, 3650-82, 3940-56, 4016-30, 4064-76, 4086-94, 4136-58, 4174-66. Freshed with 40,000 gallens water and 50,000 pounds sand average injection rate 49 BPM. Preliminary test 4118 MGFPU.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Pan American Petroleum Corporation  Box 487  Address	Ran 954' After was			h no drop 1	n presentre. Pr	BLIGHT TTHER.	with 2 shots
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Pan American Petroleum Corporation  Company  Box 487  Address	Ran 954' After wai pressure per fost	for 30 a	dautes wit 54, 4361–66	, A322-54,	426 <b>0-86</b> , 421 <b>8-</b> :	32. Fracked the	es perforation
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Company  Box 437  Address	Ran 954' After wai pressure per foet with 50.0	for 30 s 4376-445 300 galle	dantes wit %4, 4361-66 ms water s	t, 4322-54, and 70,000 p	426 <b>8-86</b> , 4218-: owner sund. A	32. Fracked the verage injection	me perforation i rate 50.8 形义
Company  Box 487  Address	Ran 954' After wai pressure per foot with 50,0 Perferate	for 30 s 4376-449 300 galla	dautes wit 54, 4361–66 no water s ghote per	l, 4322-54, and 70,000 p r foot 3774-	426 <b>8-86,</b> 4218-; cunds sand. A <b>66,</b> 3794-3826,	32. Fracked the verage injection 3850-82, 3940-9	um perforation 1 rate 50.8 MPH 16, 4016-30,
Company  Box 487  Address	Ran 954' After wai pressure per fost with 50,0 Perferate A064-76.	for 30 s 4376-445 300 galls ad with 2 4086-94	dantes wit Sh, 4361-66 Me water o Shote per Al 36-56.	t, 4322-54, and 70,000 p r foot 3774- 4174-86. F	426 <b>0-8</b> 6, 4218-; cumis sand. A: <b>66</b> , 3794-3626, 'racked with 40	32. Fracked the verage injection 3650-82, 3940-9 ,000 gallons wat	om perforation 1 rate 50.8 HPK 16, 4016-30, 1er and 50,000
Company  Box 487  Address	Ran 954' After wai pressure per fost with 50,0 Perferate A064-76.	for 30 s 4376-445 300 galls ad with 2 4086-94	dantes wit Sh, 4361-66 Me water o Shote per Al 36-56.	t, 4322-54, and 70,000 p r foot 3774- 4174-86. F	426 <b>0-8</b> 6, 4218-; cumis sand. A: <b>66</b> , 3794-3626, 'racked with 40	32. Fracked the verage injection 3650-82, 3940-9 ,000 gallons wat	om perforation 1 rate 50.8 HPK 16, 4016-30, 1er and 50,000
Company  Box 487  Address	Ran 954' After wai pressure per fost with 50,0 Perferate A064-76.	for 30 s 4376-445 300 galls ad with 2 4086-94	dantes wit Sh, 4361-66 Me water o Shote per Al 36-56.	t, 4322-54, and 70,000 p r foot 3774- 4174-86. F	426 <b>0-8</b> 6, 4218-; cumis sand. A: <b>66</b> , 3794-3626, 'racked with 40	32. Fracked the verage injection 3650-82, 3940-9 ,000 gallons wat	om perforation 1 rate 50.8 HPK 16, 4016-30, 1er and 50,000
Company	Ran 954' After wai pressure per fost with 50,0 Perferate A064-76.	for 30 s 4376-445 300 galls ad with 2 4086-94	dantes wit Sh, 4361-66 Me water o Shote per Al 36-56.	t, 4322-54, and 70,000 p r foot 3774- 4174-86. F	426 <b>0-8</b> 6, 4218-; cumis sand. A: <b>66</b> , 3794-3626, 'racked with 40	32. Fracked the verage injection 3650-82, 3940-9 ,000 gallons wat	om perforation 1 rate 50.8 HPK 16, 4016-30, 1er and 50,000
Address	Ran 954' After wai pressure per foet with 50,6 Perferate 4064-76, pounds si	for 30 m 4376-445 300 gallo ed with 2 4086-94, and avere	dantes wit ik, 4361-66 me water e shote per A136-58, ige injecti	6, 4322-54, and 70,600 p r feet 3774- 4174-66. F lon rate 49	1268-86, 1218-; cumic cand. A 66, 3791-3826, recked with 10 BPM. Prelimin	32. Fracked the verage injection 3650-62, 3940-5 ,000 gallons wat ary test 4118 M	em perforation trate 50.8 HPM 16, 4016-30, ter and 50,000
	Ran 954' After wai pressure per foet with 50,6 Perferate 4064-76, pounds so	for 30 m 4376-445 300 galle ad with 2 4086-94, and avera	cimites with 1, 4361-66 ms water a 2 shots per 1, 4136-56, age injection of work must refer to the period of the p	treceive approval in	4268-86, 4218-; cumis sand. At 86, 3794-3826, reaked with 48 BPM. Prelimins writing by the Geological	32. Fracked the verage injection 3650-82, 3940-9, 000 gallens wat ary test 4118 M.	em perforation trate 50.8 HPM 16, 4016-30, ter and 50,000
	Ran 954' After wai pressure per foet with 50,0 Perferate A064-76, pounds so  I underst	for 30 m 4376-44.9 300 galls and vith 2 4086-94, and avers	cimites with 1,4361-66 me water at the shote per 1,4136-56, age injection of work must briege Petr	treceive approval in	4268-86, 4218-; cumis sand. At 86, 3794-3826, reaked with 48 BPM. Prelimins writing by the Geological	32. Fracked the verage injection 3650-82, 3940-9, 000 gallens wat ary test 4118 M.	em perforation trate 50.8 HPM 16, 4016-30, ter and 50,000