Form 9-381 a (Feb. 1951)								

## (SUBMIT IN TRIPLICATE)

Land Office	. AD
Lease No. 07838	<b></b>
Hawkhanak	*1 anne

## UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY Wait Agrat. No. 1, Sec. 929

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO CHANGE PLANS.  NOTICE OF INTENTION TO CHANGE PLANS.  NOTICE OF INTENTION TO TO RE-DRILL OR REPAIR WELL  NOTICE OF INTENTION TO SHOOT OR ACIDIZE.  NOTICE OF INTENTION TO SHOOT OR				_		
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.  NOTICE OF INTENTION TO REDRILL OR REPAIR WELL  NOTICE OF INTENTION TO REDRILL OR REPAIR WELL  NOTICE OF INTENTION TO PULL OR ALTER CASING.  NOTICE OF INTENTION TO REDRILL OR REPAIR.  NOTICE OF INTENTION TO REDRILL OR REPAIR.  NOTICE OF INTENTION TO REDRILL OR REPAIR.  SUBSEQUENT REPORT OF ALTERING CASING.  SUBSEQUENT REPORT OF ALTERNING OR REPAIR.  SUBSEQUENT REPORT OF REDRILL OR REPAIR.  SUBSEQUENT REPORT OF REDRICH OR REPAIR.  NOTICE OF PRESENTE OF ALTERNIA THE ALTERNIA.  SUBSEQUENT REPORT OF REDRICH TOOLOGH THE THE SUBSECUENT.  NOTICE OF THE SUBSECUENT TO THE SUBSECUENT PORT OF THE ALTERNIA.  NOTICE OF OF T	NOTICE OF INTENTION TO DRILL		SUBSEQUENT	REPORT OF WATER S	HUT-OFF	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL NOTICE OF INTENTION TO SHOOT OR ALTER CASING.  SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.  SUBSEQUENT REPORT OF RE-DRILLING OF REPAIR.  SUBSEQUENT REPORT OF RE-DRILLING OF REPAIR.  SUBSEQUENT REPORT OF RE-DRILLING OF REPAIR.  SUBSEQUENT REPORT OF REPAIR.  SUBSEQUENT REPORT OF RE-DRILLING OF REPAIR.  SUBSEQUENT REPORT	NOTICE OF INTENTION TO CHANGE PLA	ANS	SUBSEQUENT	REPORT OF SHOOTIN	G OR ACIDIZING	
Subsequent report of Abandonment  Notice of intention to pull or alter Casing.  Supplementary well history.  Subsequent Report of and-mater from A  Supplementary well history.  Supplementary.  Supplementary well history.  Supplementary well history.  Supplementary well history.  Supplementary well history.  Supplementary.  Supplementary well history.  Supplementary well history.  Supplementary.  Supplementary.  Supplementary well history.  Supplementary.  Supplementary.	NOTICE OF INTENTION TO TEST WATER	R SHUT-OFF	SUBSEQUENT	REPORT OF ALTERIN	CASING	
NOTICE OF INTENTION TO PULL OR ALTER CASING.  NOTICE OF INTENTION TO ABANDON WELL.  Subsequent Report of Sand-water Free A  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  June 20 [961]  NE/A Sec. 19 51M 6s NIPPK  (Rango) (Meridian)  Slane Power and Sec. No.) (Twp.) (Rango) (Meridian)  Slane Power words  (Field) (County or Subdivision) (State or Territory)  The elevation of the derrick floor above sea level is 6320 ft.  DETAILS OF WORK  State names of and expected depths to objective annel; show since, weights, and lengths of proposed casing; indicate mudding jobs, comments from 55/42' - 5750', 5570', 5770',	NOTICE OF INTENTION TO RE-DRILL O	R REPAIR WELL	SUBSEQUENT	REPORT OF RE-DRILL	ING OR REPAIR	
(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  Auns 20 [951]  Well No. 61-19 is located 1650 ft. from [N] line and 1790 ft. from [N] line of sec. 19  NN/4 Sec. 19 51N 6s NOTE (Margo) (Margo) (Margo) (Margo) Blambo Piesaverde San Juan New Mexico (Plot) (County or Subdivision) (State or Territory).  The elevation of the derrick floor above sea level is 6320 ft.  DETAILS OF WORK  State names of and expected depths to objective annels; show since, weights, and lengths of proposed casings; indicate mudding jobs, comments of formation of the derrick floor above sea level is 6320 ft.  DETAILS OF WORK  State names of and expected depths to objective annels; show since, weights, and lengths of proposed casings; indicate mudding jobs, comments of 6/17/61, perforated the Point Lockout Formation through 5521 a 5566 (5622 - 55642 - 55642 - 55700 - 55700 - 5500 - 5600 - 5602 - 5622 - 5666 - 56481 to 25622 - 5666 (5622 - 5700 - 5716 - 57364 - 57464 - 57756 - Sand-water franced with 53,680 gallons of set terminal pressure sero isl. Average injection rate 46.8 BFM, let Gailberroon magnesium bridge plus at 5480 and perforated the Pomefee & Cliffcourse Formations through 5½° casing with 2 holes per foot 5204 - 5220 , 9260 - 1270 , 55002 - 5308 , 5316 - 5330 , 5339 - 5361 h 5404 - 5414 - 5260 lbs. of sand. Injection rate 46.8 BFM, let Gailberroon magnesium bridge plus at 5400 and perforated the Pomefee & Cliffcourse Formations through 5½° casing with 2 holes per foot 5204 - 5220 , 9260 - 1270 , 5502 - 5308 , 5316 - 5330 , 5339 - 5361 h 5400 - 5414 . Sand-water research for the foot 5204 - 5414 . Sand-water research for the foot 5204 - 5414 . Sand-water research for the foot 5204 - 5414 . Sand-water research for the foot 5204 - 5414 . Sand-water formation for the foot 5204 - 5414 . Sand-water formation for the foot 5204 - 5414 . Sand-water formation for the foot 5204 - 5414 . Sand-water formation for the foot 5204 - 5414 . Sand-water formation for the foot 5204 - 5414 . Sand-water formation for the foot 520	NOTICE OF INTENTION TO SHOOT OR	ACIDIZE	SUBSEQUENT	REPORT OF ABANDON	MENT	
Well No. 61-19 is located 1690 ft. from No. 1790 ft. from the line of sect. 19  NE/4 Sec. 19  SIM 68 NAPE  (Ges. and Sec. No.)  (Twp.)  (Range)  (County of Subdivision)  (State of Territory)  (The elevation of the derrick floor above sea level is 6320 ft.  DETAILS OF WORK  State names of and expected depths to objective sends; show sines, weights, and long-the of proposed casings; indicate mudding jobs, coment-ing points, and all other important proposed work)  (Field)  (The elevation of the derrick floor above sea level is 6320 ft.  DETAILS OF WORK  State names of and expected depths to objective sends; show sizes, weights, and long-the of proposed casings; indicate mudding jobs, coment-ing points, and all other important proposed work)  (A)  (The elevation of the derrick floor above sea level is 6320 ft.  DETAILS OF WORK  State names of and expected depths to objective sends; show sizes, weights, and long-the of proposed casings of the 2 ft.  DETAILS OF WORK  State names of and expected depths to objective sends; show sizes weights, and long-the or Territory)  (State of Territory)	NOTICE OF INTENTION TO PULL OR AL	TER CASING	1 11 .			
Well No. 61-19 is located 1690 ft. from No. 1790 ft. from E line of Sec. 19  NE/6 Sec. 19  Silvi 6. 19  Silvi 7. 19  Silvi 7. 19  Silvi 8. 19  Silvi	NOTICE OF INTENTION TO ABANDON W	ELL	Subseque	mt opert o	and-water	Trad X
Well No. 61-19 is located 1650 ft. from No. 1790 ft. from E line of Sec. 19  NE/4 Sec. 19  Silvi 6. 19  Sec. 19  Silvi 6. 19  Sec. 1						
Well No. 61-19 is located 1690 ft. from S line and 1790 ft. from E line of sec. 19  NE/4 Sec. 19  SIM 66 NOPE  (Gee. and Sec. No.)  (Twp.)  (Range)  (Meridian)  Rew Nerrice  (State or Territory)  (Sta	(INDICATE	E ABOVE BY CHECK MAR	K NATURE OF REPORT	, NOTICE, OR OTHER D	ATA)	
NE/4 Sec. 19  (Gree, and Sec. No.)  (Green)  (Gr					June 20	1961
Blanco Hoesverie  San Juan  New Merrico  (Feld)  (County or Subdivision)  (State or Territory)  The elevation of the derrick floor above sea level is 6320 ft.  DETAILS OF WORK  State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, comentant of the perforated the Point Lookout Formation thru 5% casing with 2 holes per foot 5542' = 5570', 5578' = 5600', 5608' = 5622', 5656' = 5648', 5652' = 5666' = 5648', 5652' = 5666' = 5756' & 5756' & 5756' & 5756' & 5608' = 5622', 5656' = 5648', 5652' = 5660' = 5648', 5652' = 5660' = 5648', 5652' = 5660' = 5648', 5652' = 5660' = 5648', 5652' = 5660' = 5648', 5652' = 5660' = 5648', 5652' = 5660' = 5648', 5652' = 5660' = 5648', 5652' = 5660' = 5648', 5652' = 5660' = 5648', 5652' = 5660' = 5756' & 5756' & 5756' & 5756' & 5756' & 5756' & 5756' & 5660' = 5648', 5652' = 5660'			$\mathbf{n}_{\mathcal{A}}\left\{ egin{array}{c} \mathbf{N} \\ \mathbf{S} \end{array}  ight\}$ line and	1790 ft. from	n E line of se	d 119
State names of and expected depths to objective sends; show size, weights, and lengths of proposed casings; indicate mudding jobs, comenting points, and all other important proposed work)  DETAILS OF WORK  State names of and expected depths to objective sends; show size, weights, and lengths of proposed casings; indicate mudding jobs, comenting 6/17/61, perform ted the Point indoctout Formation thru 3// casing with 2 holes are foot 5542' - 5570', 5578' - 5600', 5608' - 5622', 5636' - 5648', 5652' - 5666' - 5648', 5652' - 5666' - 5756' & and-water framed with 55,840 gallons of water (including flush) and 40,000 lbs. of sand. Injected 100 rubber ballong treatment. Faxings treating pressure 1800 FSI. Minimum treating pressure 100 FSI. Final pressure sero ISI. Average injection rate 46.8 BFI.  Set furberson magnesium bridge plug at 5480' and performed the sense & Cliff-come Formations through 3/m casing with 2 holes per foot 5204' - 5200', 5260' - 1270', 5302' - 5308', 5316' - 5330', 5539' - 5361' & 5404' - 5414'. Sand-water raced with 52,652 gallons of water (Instituting flush) and 40,000 lbs. of sand. aximum treating pressure 2100 FSI. Minimum treating pressure 600 FSI. Average injection rate 44.8 BFE.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be company.  Address Damango, Colorade	NE/4 Sec. 19	<b>51</b> M	6 3	With		2 4 4
(Field) (County or Subdivision) (State or Territory).  The elevation of the derrick floor above sea level is 6320 ft.  DETAILS OF WORK  State names of and expected depths to objective sands; show sizes, weights, and langths of proposed casings; indicate mudding jobs, comentains of and expected depths to objective sands; show sizes, weights, and langths of proposed casings; indicate mudding jobs, comentains of sands of the Point Lookout Formation thru 3%" casing with 2 holes per foot 5562' - 5570', 5578' - 5600', 5608' - 5622', 5636' - 5648', 5652' - 5666', 5622' - 5700', 5716' - 5736' & 5746' - 5756'. Sand-water fraced with 53,840 gal-cons of water (including flush) and 40,000 lbs. of sand. Injected 160 rubber ballion for the constant of sands treating pressure 1800 FSI. Final pressure sero PSI. Average injection rate 46.8 874.  Let Guiberson magnesium bridge plug at 5400' and perforated the Penefee & Cliff-couse Formations through 32" casing with 2 holes per foot 5204' - 5220', 5360' - 5270', 5502' - 5308', 5316' - 5330', 5539' - 5361' & 5404' - 5414'. Sand-water raced with 52,652 gallons of water (Including flush) and 40,000 lbs. of sand. aximum treating pressure 2100 PSI. Pinimum treating pressure 1800 PSI. Average injection rate 44.8 BPM.  Lunderstand that this plan of work must receive approval in writing by the Geological Survey before operations may be compagned. Dispanse. Colorade  Company  Address  Dispanse. Colorade	* -		( <b>0-</b> -,	(Meridian)		
DETAILS OF WORK  State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, coment- ing points, and all other important proposed work)  M 6/17/61, perforated the Point lookout Formation thru 3/2" casing with 2 holes wer foot 3562' - 5570', 5578' - 5600', 5608' - 5622', 5636' - 5648', 5652' - 5660  M 502' - 5700', 5716' - 5736' à 5746' - 5736'. Sand-water fraced with 53,840 gal- cons of water (including flush) and 40,000 lbs. of sand. Injected 100 rubber bal buring treatment. Faxinum treating pressure 1800 FSI. Minimum treating pressure 100 FSI. Final pressure sero FSI. Average injection rate 46.8 876.  Met Guiberson magnesium bridge plug at 5480' and perforated the Penefee & Cliff- couse Formations through 3/2" casing with 2 holes per foot 5204' - 5220', 5260' - 1270', 5502' - 5568', 5516' - 5330', 5539' - 5561' à 5404' - 5414'. Sand-water Traced with 52,652 gallons of water (Including flush) and 40,000 lbs. of sand.  Axinum treating pressure 2100 FSI. Minimum treating pressure 500 FSI. Average injection rate 44.8 BPS.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be companyed.  Company  Address  Dispanse. Colorade						
DETAILS OF WORK  State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, comenting 6/17/61, performted the Point lookout Formation thru 5½ casing with 2 holes ear foot 55½? - 5570¹, 5578¹ - 5600¹, 5608¹ - 5622¹, 5636¹ - 5648¹, 5652¹ - 5666682¹ - 5700¹, 5716¹ - 5775⁴ à 5746¹ - 5756¹. Sand-water fraced with 53,850 galones of water (including flush) and 40,000 lbs. of sand. Injected 160 rubber baloring treatment. Faxinus treating pressure 1800 FSI. Finishum treating pressure 100 FSI. Final pressure sero FSI. Average injection rate 46.8 BFE.  Let Guiberson magnesium bridge plug at 5480¹ and perforated the Fencice & Clifficuse Formations through 5½° casing with 2 holes per foot 520⁴ - 5220¹, 5260¹ - 5220¹, 5502¹ - 5308¹, 5316¹ - 5330¹, 5339¹ - 5361¹ à 5404¹ - 5414¹. Sand-water raced with 52,652 gallons of water (Including flush) and 40,000 lbs. of sand. Existent treating pressure 2100 FSI. Eliniaum treating pressure 2100 FSI. Eliniaum treating pressure 500 FSI. Average injection rate 44.8 BFM.  Lunderstand that this plan of work must receive approval in writing by the Geological Survey before operations may be compared. Blackwood & Nichola Company (Unit Operator)  JUN 2.2 1961  Company  Address  Display Galones  Display Colorade	(Field)	(County	or Subdivision)	(	State or Territory)	
couse Porsations through 5% casing with 2 holes per feet 5204 - 5220, 5260 - 5270, 5302 - 5308, 5316 - 5330, 5539 - 5361 & 5404 - 5414. Send-water raced with 52,652 gallons of water (Including flush) and 40,000 lbs. of sand-aximum treating pressure 2100 PSI. Minimum treating pressure 2100 PSI. Minimum treating pressure 2100 PSI. Average injection rate 44.8 EM.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be companied.  Shackwood & Michols Company (Unit Operator)  JUN 2.2 1961  Otherwise State Company  Address  Description of the company (Unit Operator)  Otherwise State Company  Otherwise Stat	er foot 5542' - 5570', 682' - 5700', 5716' - ons of water (includin aring treatment. Faxi	5578' - 5600 5754' à 5746' g flush) and mus tresting	- 5756'. 40,000 lbs. pressure 186	622', 5636' Sund-water for of sand. In XV FSI. Film	- 5648', 56 mood vith 5 njoeted 160 ; issum treatin	52' - 5666 3, <b>8</b> 40 gal- rubber <b>b</b> al
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be companied.  Shackwood & Michols Company (Unit Operator)  JUN 22 1961  Company  Address  Original States Local	couse Formations throug 1270', 5302' - 5308', 5 raced with 52,652 gall aximum treating presen	h 5%" casing 316' - 5330', ons of water ro 2100 PSI.	with 2 holes, 5339' - 536 (Including shinlaus tre	per foot 5 11 & 5404' (lush) and 4 mating press	5414 Sa 5414 Sa 5,000 1ba Sa	5260' - ad-water ( sund.
Address Original States Local Colorado	I understand that this plan of work n	nust receive approval i	n writing by the Geol	ogical Survey before o	perations may be con	ggapced.
Duranzo, Colorado	Dompany	4 Michols Com	pany (Unit			
Darango, Colorado	Address	1257		Ortains! C	OIL OIST.	
	Armyo, C	olora <b>do</b>	В	ં કેટ	200	