Form 9-331 b (April 1952)						

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

Indian Agency	
Window Rock	
Allottee Navajo Ute litne	Tribal
Lease No. 11-20-600-3531	•

NOTICE OF INTENTION TO DRILL NOTICE OF INTENTION TO CHANGE PLA NOTICE OF INTENTION TO TEST WATER		QUENT REPORT OF WATER SHUT-(DFF
	NS SUBSE	QUENT REPORT OF SHOOTING OR	ACIDIZING OAL SURVE
	SHIT-OFF SUBSE	QUENT REPORT OF ALTERING CAS	ING U. S. GEULUG CAL SURVE
NOTICE OF INTENTION TO REDRILL OR	REPAIR WELL SUBSE	QUENT REPORT OF REDRILLING O	R REPAIR ARMINGTON NEW MEXIC
NOTICE OF INTENTION TO SHOOT OR A		QUENT REPORT OF ABANDONMEN	l •
NOTICE OF INTENTION TO PULL OR ALT		EMENTARY WELL HISTORY	I X I
NOTICE OF INTENTION TO ABANDON WE			
(INDICATE	ABOVE BY CHECK MARK NATURE OF	REPORT, NOTICE, OR OTHER DATA)	
		July 9	, 19 <u>.59</u>
Navajo B	(3.1)		M)
Well No. 17 is located	ted 1980 ft. from N	ne and 703 ft. from	exico or Territory) O// CON COM
Sti NN Sec. 19 (14 Sec. and Sec. No.)	31 N 16 W	N.M.P.A.	July William
	(Twp.) (Range)	(Meridian)	exico O/C
Horseshoe Gallup	San Juan (County or Subdivision		e or Territory)
(Field)	(County or Subdivisio	in) (56 6	ou ramony \ \Delta \ \ \Delta \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
The elevation of the deniel	above sea level is 561	8 .5 ft.	· som
The elevation of the data.			
	DETAILS OF	WORK	
(State names of and expected depths to o	bjective sands; show sizes, weights,	and lengths of proposed casings; i	ndicate mudding jobs, cement-
pudded 12:30 P.M., 6-23-59.	ing points, and all other import مع 1021 من شرواندسا	2 4+e 8-E/8# OD 2	by satt posing a 92.2ht.
pudded 12:30 Palas, 0-23-5%	orilied to lost ne	noment alve 2% Coll	ich complete 7:00 PM.
	nomical Carlos Carlos	on with EOO 20 mir	nstag J.K. Bogon defile
et at 100,24 and cemented with			
-23-59. WOO to 30:00 A.M. 6:	ezheren en etet m	Ron Industion Es	and SP Soute long, that
-23-59, WOO to 10:00 A.M., 6.	Drilled to 1515' TD	Ran Induction Es	and SP Sonic logs, their
-23-59. WOO to 10:00 A.M., 6. ng plug 11:00 A.M., 6-24-59. D 1515: Ren 17 10ints 1-1/2	Drilled to 1515' TD OD 9.5" J-55 casin	Ran Induction Esg = 11:93.391. Set	and SP Sonic logs, their at 1500, 12° and cemented
-23-59. WOO to 10:00 A.M., 6- ng plug 11:00 A.M., 6-24-59. The 1515'. Ran 47 joints 4-1/2'	Drilled to 1515' TD OD 9.5" J-55 casin	 Ran Induction ES g = 1193.391. Set Set Set 	and SP Sonic logs, their at 1500, 12° and cemented Tested 1-1/2" casing
-23-59. WOC to 10:00 A.M., 6-24-59. Ing plug 11:00 A.M., 6-24-59. In 1515. Ren 47 joints 4-1/2. ith 150 sacks Pozmix. Plug do	Drilled to 1515' TD " OD 9.5" J-55 casin own 4:30 P.W., 6-28- an GR Correlation 10	 Ran Induction ES g = 11:93.39¹. Set 59. WOC 38½ hours. c. their PBD 11:70¹. 	and SP Sonic logs, their at 1500, 12° and cemented Tested 1:-1/2" casing Perforated 1/43-1452°
-23-59. WOC to 10:00 A.M., 6. ng plug 11:00 A.M., 6-24-59. D 1515. Ran 47 joints 4-1/2. ith 150 sacks Pozmix. Plug do ith 1000. 30 mimites, 0.K. Ra	Drilled to 1515° TD OD 9.5" J-55 casin own h:30 P.W., 6-28- an GR Correlation lo	. Ran Induction ES g = 11:93.39°. Set 59. WOC 38½ hours. g, their PBD 11:70°. with 20.000% 10/20	and SP Sonic logs, their at 1500, 12° and cemented Tested 1-1/2" casing Perforated 1/13-1/152° sand in 6,258 gallons
-23-59. WOC to 10:00 A.M., 6-24-59. Ing plug 11:00 A.M., 6-24-59. In 1515. Ran 17 joints 1-1/2. ith 150 sacks Pozmix. Plug do ith 1000. 30 mimites, 0.K. Ra chlumberger and Carma Ray with	Drilled to 1515° TD OD 9.54 J-55 casin own h:30 P.W., 6-28- an GR Correlation lo h:36 jets. Treated	Ran Induction Esg = 1193.39°. Set 59. WOC 38½ hours. g, their PBD 1170°. with 20,000% 10/20	and SP Sonic logs, their at 1500, h2* and cemented Tested h-1/2" casing Perforated 1/43-1/52* sand in 6,258 gallons ection rate 35 BPM. Job
-23-59. WOC to 10:00 A.M., 6- ng plug 11:00 A.M., 6-24-59. To 1515. Ran 17 joints 4-1/2. Ith 150 sacks Pozmix. Plug do Ith 1000. 30 mimites, 0.K. Ra chlumberger and Garma Ray with case crude. FHD 3000. average consists 10:30 A.M., 6-30-59.	Drilled to 1515° TD OD 9.54 J-55 casin own 4:30 P.W., 6-28- an GR Correlation 10 h 36 jets. Treated ge treating pressure Retreated above per	Ran Induction Esg = 1193.39 Set 59. WOC 381 hours. g, their PBD 11:70 with 20,000 10/20 1700 average inj forations with 20.0	and SP Sonic logs, their at 1500, h2* and cemented Tested h-1/2" casing Perforated 1/h3-1/52* sand in 6,258 gallons ection rate 35 BPM. Job 100/ 10/20 sand in 8,568
-23-59. WOC to 10:00 A.M., 6-24-59. Ing plug 11:00 A.M., 6-24-59. In 1515. Ran 47 joints 4-1/29. Ith 150 sacks Pozmix. Plug do the 1000. 30 minutes, 0.K. Ran chlumberger and Carma Ray with ease crude. FHD 3000. average camplete 10:30 A.M., 6-30-59.	Drilled to 1515° TD OD 9.5% J-55 casin own h:30 P.W., 6-28- an GR Correlation lo h 36 jets. Treated ge treating pressure Retreated above per	Ran Induction Esg = 1193.39 . Set 59. WOC 38½ hours. Their PBD 11:70 . with 20,000% 10/20 . 1700%, average injuressure 1800%. average 1800%.	and SP Sonic logs, their at 1500, 12° and cemented Tested 1-1/2" casing Perforated 1/43-1/52° sand in 6,258 gallons ection rate 35 BPM. Job 100/ 10/20 sand in 8,568 erage injection rate 24
-23-59. WOC to 10:00 A.M., 6-24-59. Ing plug 11:00 A.M., 6-24-59. In 1515. Ran 47 joints 4-1/2. Ith 150 sacks Pozmix. Plug ded th 1000. 30 minutes, 0.K. Rechlumberger and Garma Ray with ease crude. FHD 3000. average complete 10:30 A.M., 6-30-59. Ith 150 complete 10:30 A.M., 6-30-59.	Drilled to 1515° TD OD 9.5% J-55 casin own h:30 P.W., 6-28- an GR Correlation lo h:36 jets. Treated ge treating pressure Retreated above per %, average treating 7-2-59. Perforated	Ran Induction Esg = 1193.39°. Set 59. WOC 38½ hours. their PBD 11/70°. with 20,000% 10/20 forations with 20,00 pressure 1800%, ave 1326-13144° Sch and	and SP Sonic logs, their at 1500, 12° and cemented tested 1-1/2" casing Perforated 1/43-1/52° sand in 6,258 gallons ection rate 35 BPM. Job 100% 10/20 sand in 8,568 arege injection rate 24 GR with 72 jets. Treat-
-23-59. WOC to 10:00 A.M., 6-24-59. Ing plug 11:00 A.M., 6-24-59. In 1515. Ran 17 joints 4-1/2. Ith 150 sacks Pozmix. Plug do Ith 1000. 30 mimites, O.K. Ra chlumberger and Garma Ray with case crude. FBD 3000. average complete 10:30 A.M., 6-30-59. allons lease crude. FBD 3000. Pl. Jcb complete 10:30 A.M., d with 60,000/ 10/20 sand in 19	Drilled to 1515° TD OD 9.54 J-55 casin own h:30 P.M., 6-28- an GR Correlation lo h:36 jets. Treated ge treating pressure Retreated above per 4, average treating 7-2-59. Perforated 19,787 gallons lease	Ran Induction Esg = 1193.39 . Set 59. WOC 38½ hours, their PBD 11:70 . with 20,000 # 10/20 . 1700 #, average inj forations with 20,00 pressure 1800 #, average 1326-131/1 Sch and crude. FBD 2800-1	and SP Sonic logs, their at 1500, 12° and cemented Tested 1-1/2" casing Perforated 1/43-1152° sand in 6,258 gallons ection rate 35 BPM. Job 00% 10/20 sand in 8,568 erage injection rate 24 1 GR with 72 jets. Treat- 1300%, average pressure
-23-59. WOC to 10:00 A.M., 6-24-59. Ing plug 11:00 A.M., 6-24-59. In 1515. Ran 17 joints 4-1/2. Ith 150 sacks Pozmix. Plug do Ith 1000. 30 mimites, O.K. Ra chlumberger and Garma Ray with case crude. FBD 3000. average complete 10:30 A.M., 6-30-59. allons lease crude. FBD 3000. Pl. Jcb complete 10:30 A.M., d with 60,000/ 10/20 sand in 19	Drilled to 1515° TD OD 9.54 J-55 casin own h:30 P.M., 6-28- an GR Correlation lo h:36 jets. Treated ge treating pressure Retreated above per 4, average treating 7-2-59. Perforated 19,787 gallons lease	Ran Induction Esg = 1193.39 . Set 59. WOC 38½ hours, their PBD 11:70 . with 20,000 # 10/20 . 1700 #, average inj forations with 20,00 pressure 1800 #, average 1326-131/1 Sch and crude. FBD 2800-1	and SP Sonic logs, their at 1500, 12° and cemented Tested 1-1/2" casing Perforated 1/43-1152° sand in 6,258 gallons ection rate 35 BPM. Job 00% 10/20 sand in 8,568 erage injection rate 24 1 GR with 72 jets. Treat- 1300%, average pressure
o23-59. WOC to 10:00 A.M., 6-24-59. Ing plug 11:00 A.M., 6-24-59. In 1515. Ran 17 joints 1-1/2. ith 150 sacks Pozmix. Plug de ith 1000. 30 mimites, 0.K. Rachlumberger and Garma Ray with ease crude. FBD 3000. average anplete 10:30 A.M., 6-30-59. allons lease crude. FBD 3000. Pl. Job complete 10:30 A.M., dwith 60,000. 10/20 sand in 1 understand that this plan of works 300%, average injection rate.	Drilled to 1515° TD OD 9.5% J-55 casin own h:30 P.W., 6-28- an GR Correlation lo h:36 jets. Treated ge treating pressure Retreated above per %, average treating 7-2-59. Perforated 19,787 gallons lease must receive approval in writing by 29.5 BPM. Job compl	Ran Induction Esg = 1193.39 . Set 59. WOC 382 hours, their PBD 11:70 . with 20,000 # 10/20 . 1700 #, average inj forations with 20,00 pressure 1800 #, average 1326-131/1 Sch and crude. FBD 2800-1 the Goological Survey before one ate 11:30 A.M., 702	and SP Sonic logs, their at 1500, 12° and cemented Tested 1-1/2" casing Perforated 1/43-1152° sand in 6,258 gallons ection rate 35 BPM. Job 00% 10/20 sand in 8,568 erage injection rate 24 GR with 72 jets. Treat- 300%, average pressure estions may be commenced.
-23-59. WOC to 10:00 A.M., 6-24-59. Ing plug 11:00 A.M., 6-24-59. In 1515. Ran 17 joints 4-1/2. ith 150 sacks Pozmix. Plug do ith 1000. 30 mimites, 0.K. Rachlumberger and Garma Ray with ease crude. FBD 3000. average anglete 10:30 A.M., 6-30-59. allons lease crude. FBD 3000. Pi. Job complete 10:30 A.M., dwith 60,000. 10/20 sand in the complete 10:30 A.M., dwith 60,000. 10/20 sand in the complete 10:30 A.M.,	Drilled to 1515° TD OD 9.5% J-55 casin own h:30 P.W., 6-28- an GR Correlation lo h:36 jets. Treated ge treating pressure Retreated above per %, average treating 7-2-59. Perforated 19,787 gallons lease must receive approval in writing by 29.5 BPM. Job compl	Ran Induction Esg = 1193.39 . Set 59. WOC 382 hours, their PBD 11:70 . with 20,000 # 10/20 . 1700 #, average inj forations with 20,00 pressure 1800 #, average 1326-131/1 Sch and crude. FBD 2800-1 the Goological Survey before one ate 11:30 A.M., 702	and SP Sonic logs, their at 1500, 12° and cemented Tested 1-1/2" casing Perforated 1/43-1152° sand in 6,258 gallons ection rate 35 BPM. Job 00% 10/20 sand in 8,568 erage injection rate 24 GR with 72 jets. Treat- 300%, average pressure estions may be commenced.
ng plug 11:00 A.M., 6-24-59. ith 150 sacks Pozmix. Plug de ith 1000" 30 mimites, 0.K. Richlumberger and Garma Ray with case crude. FBD 3000", average anglete 10:30 A.M., 6-30-59. allons lease crude. FBD 3000:40. plug de with 60,000" 10/20 sand in 10 mintes average injection rate 1300".	Drilled to 1515 TD 00 9.5% J-55 casin own has 0 P.M., 6-28- an GR Correlation lond 36 jets. Treated ge treating pressure Retreated above per %, average treating 7-2-59. Perforated 19,787 gallons lease must receive approval in writing by 29.5 BPM. Job complemental company	Ran Induction Esg = 1193.39 . Set 59. WOC 382 hours, their PBD 11:70 . with 20,000 # 10/20 . 1700 #, average inj forations with 20,00 pressure 1800 #, average 1326-131/1 Sch and crude. FBD 2800-1 the Goological Survey before one ate 11:30 A.M., 702	and SP Sonic logs, their at 1500, 12° and cemented Tested 1-1/2" casing Perforated 1/43-1152° sand in 6,258 gallons ection rate 35 BPM. Job 00% 10/20 sand in 8,568 erage injection rate 24 GR with 72 jets. Treat- 300%, average pressure estions may be commenced.
ng plug 11:00 A.M., 6-24-59. ith 150 sacks Pozmix. Plug de ith 1000" 30 mimites, 0.K. Rechlumberger and Garma Ray with case crude. FBD 3000", average anglete 10:30 A.M., 6-30-59. allons lease crude. FBD 3000. Pi. Job complete 10:30 A.M., dwith 60,000# 10/20 sand in 10/20 sand in 10/20 average injection rate. Company The Atlantic	Drilled to 1515 TD 00 9.5% J-55 casin own had P.M., 6-28- an GR Correlation lond 36 jets. Treated ge treating pressure Retreated above per %, average treating 7-2-59. Perforated 19,787 gallons lease must receive approval in writing by 29.5 BPM. Job complemental company	Ran Induction Esg = 1193.39 . Set 59. WOC 382 hours, their PBD 11:70 . with 20,000 # 10/20 . 1700 #, average inj forations with 20,00 pressure 1800 #, average 1326-131/1 Sch and crude. FBD 2800-1 the Goological Survey before one ate 11:30 A.M., 702	and SP Sonic logs, their at 1500, 12° and cemented Tested 1-1/2" casing Perforated 1/13-1/152° sand in 6,258 gallons ection rate 35 BPM. Job 100/ 10/20 sand in 8,568 rege injection rate 21 1 GR with 72 jets. Treat- 1300", average pressure 1300", average pressure 157.