(SUBMIT IN TRIPLICATE)

LOSION COUNTY

Council

GEOLOGICAL SURVEY LALE NO. 14-20-6 SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENT	TION TO DRILL	-	SUBSEQUENT REPORT	OF WATER SHUT-OFF		
	TION TO CHANGE PLANS.	到 (本集)[2]	SUBSEQUENT REPORT	OF SHOOTING OR ACIDIZING.	1 440	
	TION TO TEST WATER SHUT-OF		SUBSEQUENT REPORT	OF ALTERING CASING	4.1	
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4-20-603-2168

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Company	that this plan of	work must receive	approval in writing	by the Geological S	urvey hefen		
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sacks regular coment, 100 sacks Poziniz, 2% gal, 25* Gilsonite/es Held 10004/30 Minutes. Top of coment by temperature survey at 8980'.	

Company

Ri Pase Natural Gas Products Company

Address

Post Office Box 1560

Parmington, New Mexico

Title

Petroleum Engineer

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY SUNDRY NOTICES AND REPORTS ON WELLS	Form 9-331 b (April 1962)	(SUBMIT I	N TRIPLICATE)	Budget Bureau No. 42-R350.4 Approval expires 12-31-00.
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Understand Gallup San Juan New Mexico (Field) (Field) (Field) (County or Buildivision) (Bisto or Territory) The elevation of the derrick floor above sea level is \$707. ft. DETAILS OF WORK (State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed assings; indicate mudding jobs, coment is points, and all other important proposed work) July 14, 1960 Total Depth \$364', Clean Out Total Depth \$315', Sandoll fractured Lower Gallup perforated intervals 5238-5250 (perf. 4 sh./ft. with \$0,820 gals. Lease crude and 42,000* sand. Breakdown pressure 3300 paig. Injection Rate: 34,5 bhis./min. Flush with \$260 gals. lease crude.	Take the street with the	DON	19) Walling The Control	The survey of the letter in the letter
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Company	Company M Page N			
Address Post Citics Box 1560	MALON AND CONTRACTOR	ati Marata da Akuasa	ASSENSE MANY TRANS	

	Company El Paso Natural Gas Products Company	
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	Address Post Office Box 1560 ORIGINAL SIGNED BY: JOSEPH E. KREGE By	A
	Title Petroleum Englacer	-
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Form 3160-5 (November 1983) (Formerly 9-331)	UNIT DIST DEPARTMENT OF T BUREAU OF LAND A		SUBMIT IN TRIPLIC (Other Instructions verse side)	re-	Budget Burcau No. 1004-01 6 Expires August 31, 1985 5. LEASE DESIGNATION AND BERTAL NO. 14-20-603- 2168 A
(Do not use this	DRY NOTICES AND form for proposals to drill or to use "APPLICATION FOR PERM	deepen or plug back	WELLSLM		Navajo 7. Unit agreement name
OIL GAS WELL NAME OF OPERATOR	OTHER		9 -FARHMHG TON,		NW Cha Cha Unit
3. ADDRESS OF OPERATOR	oting, Inc.	79702			WELL NO.
4. LOCATION OF WELL (H See also space 17 belo At surface	eport location clearly and in account.)	rdance with any State	requirements.*		Cha Cha Gallup
Unit K,	1980F31 198	BOFWL			Sec. 27 T29N R14W
14. PERMIT NO. 30-045- 0783	3700	(Show whether DF, RT, C			San Juan NM
16.	Check Appropriate Box	To Indicate Natur			Per Data
TEST WATER SHUT-OF PRACTURE TREAT KHOOT OR ACIDIZE REPAIR WELL (Other)	PULL OR ALTER CAN MULTIPLE COMPLET ABANDON* CHANGE PLANE		WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other)	suits of	Well Mattering Casing ABANDONMENT* Well multiple completion on Well on Report and Log form.)
Change well num	23		•		lepths for all markers and zones perti-
18. I hereby certify that t	he foregoing is true and correct				
SIGNED BOW	nie Otwater	TITLE Product	ion Technician	A)	COEPTEO EC8-8ECORD
(This space for Federa	d or State office use)	TITLE			JUN (1.1 199)
CONDITIONS OF APP	PROVAL, IF ANY:			1 ''5	Animation NESSUNOL AREA

*See Instructions on Reverse Side

	K.B.ELEV.: K.B.CORRECTION: G.L.ELEV.: 5695
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HOLE SIZE: "	•
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D.V. tool @ Sx	· ·
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	•
*TOP PERF:5138	•
FIELD: Cha Cha: FORMATION: Gallyp	. . .
"BOT PERF: 5250	· ·
PBTD: 53/5'	
*INDIVIDUAL PERFS: 5238-50	5/2" /5,5" J55GRADE SET AT 5364"
	CEMENT WITH 200 SX STGS Top of cement at 3980'
SPF - HOLES	· · · · · · · · · · · · · · · · · · ·
WELLBORE DIAGRAM AS OF DATE: 11/1/90	
STATE: NM COUNTY: San Juan	nit K section: 27
	CAL: 1980 S 1980 W
OPERATOR: Sot WORKING INTEREST:	ROYALTY INTEREST:
COMPLETION DATE: 8 1 60 CURRENT STATUS: (PHP	(FLOW) (INJ) (T/A) (SI) Aptions

	SC	APPFI P.J.M. NDRY N	DEPARTMEN 19 1960 GEOL	OGICAL SURVI	RILITION	#•:: 14-20-6 WELLS)3-2168
NOTIC NOTIC NOTIC NOTIC NOTIC	E OF INTENTION	N TO DRILL N TO CHANGE PLA N TO TEST WATER N TO REDRILL OR N TO SHOOT OR AL N TO ABANDON WI	NS. SHUT-OFF. REPAIR WELL CIDIZE TER CASING.	SUBSEQUENT SUBSEQUENT SUBSEQUENT SUBSEQUENT	REPORT OF WATER SH REPORT OF SHOOTING REPORT OF ALTERING REPORT OF REDRILLII REPORT OF ABANDON ARY WELL HISTORY	OR ACIDIZING. CASING G OR REPAIR MENT	M 9 196
Ve: Well	Ojo Ar	wal receive marillo is loca	ted 1980 _ft.f		NOTICE, OR OTHER D. Bine 8, d 780 ft. from	FARMIN	OLOGICAL SU GTON, NEW M 19.60
Ü	R/4 SR/4 (4 Sec. and Sec. designs to (Field)		loor above sea	ty or Subdivision) level is .5788 AILS OF WOR		Mexico (State or Territory)	
and r	k is int nud circul Estima	ended to dr lation. Foe ted Total D Program;	ill a well thro sible product epth - 5550'	ough the Lowe ive intervals	er Gallup form will be perform	re, indicate mudding ic ation using ro ited and sando	tary tools
	The NE	5-1/2" at 3 1/4 5B/4 of	550° with 20 Section 27 is	sacks cement dedicated to			PLOEINE SAN JUAN O.
Com		this plan of work and Page of	must receive approval Natural Gas ox 1565	In writing by the Ge	ological Survey before	,跨 图 · 遊覧 🗙	E. KREGEI
		Parmin	gton, New Me		By Fatrole	um Engineer	

orm 9-331 b (April 1952)	(CITDA)		Budget Bureau No Approval expires 1	o. 42-R359.4.
	Unit	T IN TRIPLICATE) TED STATES		
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	MANAGER MANAGER CONTROL	· 多》(A) · A) ·		N 27 1960
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			Ame 25ARMINGT	ON, NEV MEXI
Ojo Amerillo	1000		FI.	SALUME.
100	is located 1980 ft. fro	om S line and Jou	ft. from line of sec.	37
4 SB/4 Section :			APM ridian)	
esignated well	Sen Jue	a decide	New Mexico	
(Field)	(County	y or Subdivision)	(State or Territory)	THE WAY
e elevation of the	derrick floor above sea le	vel is 5788 ft.		
	经过来的 经连续的 对关于	ILS OF WORK		
te names of and expected	depths to objective sands; show siz	zes, weights, and lengths of propor other important proposed work)	sed casings; indicate mudding job	s, coment-
Dete: June 1th,	1960. June 7, 1960	Total Depth 210',		
nacks Teg	its, 9-5/8", 36.000, plar cement, 3% CeCl	J-55 Cag. (187.05')	set at 201.68' with 7	100
Held 500%	/30 Minutes	2 CHEMICH W.		
				MARKET TO
				《 為為下漢
understand that this plan	(水道) 竹事袋へあみが後 かついじょうりり	n writing by the Geological Survey	y before operations may be comm	nenced.
"" " " " " " " " " " " " " " " " " " "	so Natural Gas Produc	The Market Committee and the second of the s	The second of th	State of the state

Gas Products Company

1560

ORIGINAL SIGNED BY: JUSEPH E. KREGER

W Mexico

By

Title New Mexic Petroleum Engineer

U. S. GOVERNMENT PRINTING OFFICE 16—84375—8

Form 9-831 b (April 1952)			
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(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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Allottee			
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NOTICE OF INTENT	TION TO DRILL	SUBSEQUENT REPORT	OF WATER SHUT-OFF	<u> </u>
NOTICE OF INTENT	TION TO CHANGE PLANS	SUBSEQUENT REPORT	OF SHOOTING OR ACIDIZING	
NOTICE OF INTENT	TION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT	OF ALTERING CASING	
NOTICE OF INTENT	TION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT	OF REDRILLING OR REPAIR	
NOTICE OF INTENT	TION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT	OF ABANDONMENT.	
NOTICE OF INTENT	TION TO PULL OR ALTER CASING	SUPPLEMENTARY WELI	L HISTORY	
NOTICE OF INTENT	TION TO ABANDON WELL			
- 42 44 44 5 15	(INDICATE ABOVE BY CHECK MAR	RK NATURE OF REPORT, NOTICE	, OR OTHER DATA)	•
			June 28	, 19 60
Ojo Ame	rillo	and the second s		2
Well No.	3 is located 1980 ft. f	$\operatorname{rom} \left\{ \begin{array}{c} 78 \\ \mathbf{S} \end{array} \right\}$ line and 78	0 ft. from \mathbb{R} line of so	ec. <u>27</u>
NB/4 SB/4		14W	NMPM	
(% Sec. and Undesignate		(Range) Juan	NMPM New Mexica (State or Territory)	GEINP
(Tiel	d) (Count	ty or Subdivision)	(State of Territory)	00 1960
The elevation	of the derrick floor above sea l	level is 5788 ft		JUN 29 1960
	ranger and the second control of the	.0101 10		
				CEOLOGICAL SUR
(State names of and	DETA expected depths to objective sands; show a ing points, and all			GEOLOGICAL SUR INCTON, NEW ME
Re aa. He To	ozpected depths to objective sands; show a ling points, and all 60 Total Depth 5596'. In 134 joints, 5-1/2", 15.5 cks regular cement, 100 sold 1000#/30 Minutes. Sold cement by temperature	AILS OF WORK sizes, weights, and lengths of pil other important proposed with the proposed with the pilother important pro	roposed casings; indicate myddiffe ork) 5585') set at 5595' wi el. 25# Gilsonite/sac	th 100 k. VED 1960 H
Read Address A	expected depths to objective sands; show a lag points, and all 60 Total Depth 5596'. In 134 joints, 5-1/2", 15.5 cks regular cement, 100 sold 1000#/30 Minutes. P of cement by temperatur	AILS OF WORK sizes, weights, and lengths of pill other important proposed we 50*, J-55 Casing (3 acks Pozmix, 2% g re survey at 4300'.	roposed casings; indicate myddiffe ork) 5585') set at 5595' wi el. 25# Gilsonite/sac	th 100 k. VED 1960 H
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Form 9-331 b (April 1952)	Budg Appri
(SUBM UN	IT IN TRIPLICATE) Indian Agenc
	OF THE INTERIOR Allottee
* SUNDRY NOTICES	AND REPORTS ON WELL
NOTICE OF INTENTION TO DRILL NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF WATER SHUT-OFF SUBSEQUENT REPORT OF SHOOTING OR ACIDIZ
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING SUBSEQUENT REPORT OF REDRILLING OR REPORT OF ABANDONMENT.
NOTICE OF INTENTION TO PULL OR ALTER CASING NOTICE OF INTENTION TO ABANDON WELL	SUPPLEMENTARY WELL HISTORY Sendoil Frac

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S. GEOLOGICAL

Company Ri Pase Natural Gas Products Company

Address Post Office Box 1560 ORIGINAL SIGNED BY: VAN E. DYKES

Farmington, New Mexico By

Title Petroleum Engineer

. S. GOVERNMENT PRINTING OFFICE 16-8437

Form 9-331 (May 1963)	UNITTO STATES	SUBMIT IN TRIPLIC TE*	Budget Bureau No. 42-K142
DEPAR	RTMEN OF THE INTERI	OR verse side)	5. LEASE DESIGNATION AND SECTAL NO.
	GEOLOGICAL SURVEY		14-20-603-2168
	OTICES AND REPORTS Copposals to drill or to deepen or plug b		6. IF INDIAN, ALLOTTEE OR TRIDE NAME Navajo
1.			7. UNIT AGREEMENT NAME
OIL X WELL OTHE	R		NW Cha Cha
2. NAME OF OPERATOR			8. FARM OR LEASE NAME
Humble Oil & Refinin	g Company		NW Cha Cha Unit
3. ADDRESS OF OPERATOR			9. WELL NO.
P. O. Box 120, Denve	r, Colorado 80201		43-27
4. LOCATION OF WELL (Report locati	on clearly and in accordance with any	State requirements.	10, FIELD AND POOL, OR WILDCAT
See also space 17 below.) At surface			Cha Cha Gallup
NE SE (1980' FSL, 78	0' FEL) Sec. 27		11. SEC., T., R., M., OR BLK. AND SURVEY OR ABEA
			· ·
			Sec. 27-29N-14W NMPM
14. PERMIT NO.	15. ELEVATIONS (Show whether DF,	, RT, GR, ctc.)	12. COUNTY OR PARISH 13. STATE
	5790' KB		San Juan N.M.
16. Check	Appropriate Box To Indicate N	lature of Notice, Report, or C	Other Data
NOTICE OF I	NTENTION TO:	subsequ	JENT REPORT OF:
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE	ABANDON* X	SHOOTING OR ACIDIZING	ABANDONMENT*
REPAIR WELL	CHANGE PLANS	(Other)	-
(Other)		(Note: Report results	of multiple completion on Well
17. DESCRIBE PROPOSED OR COMPLETED	OPERATIONS (Clearly state all pertinent	t details, and give pertinent dates,	etion Report and Log form.) including estimated date of starting an
proposed work. If well is dis nent to this work.) *	ectionally drilled, give subsurface locat	ions and measured and true vertice	d depths for all markers and zones pert
Well is an uneconomi	cal producer. Last tes	st 3-31-72 - 1 BO, 87	EMPD.
TD 5596', PBTD 5553'	. 9-5/8" csg. set at 2	202' w/200 sx cement	circ. to surface:
$5\frac{1}{2}$ " csg. set at 5595	' w/200 sx. TOC 4300'	(temp. survey). Per	f. 5320-5346' w/4 SPF.
		(.	.,,
cement 4400-4300'.	nd abandon well as foll Run free point, cut and	l pull as much 5½" cs	g. as possible.
Spot 40 sx cement (1	00' plug) between base	of Pictured Cliffs a	t 1400' and top of
Mesaverde at 2847;	40 sx cement 1250-1150'	across top of Pictu	red Cliffs at 1228';
40 sx cement 252-152	' across bottom of surf	ace csg.; 15 sx cemen	nt 30-0'. Intervals
between plugs to be	filled with mixed mud.	Place regulation dr	y hole marker in
top of surface casin	g and clean location fo	or inspection.	
		DECE	11/1-17
cc. 2 - New Merrico	Oil Conservation Commis	RECE	1759
	pervisor - Navajo Tribe	sion	
1 - Midland	herarent - Manalo ILIDE	MUL JUN	6 1972
i mutand			
		U. S. GEOLOGIC	CAL SURVEY
		FARMINGTO	N, N. M.

*See Instructions on Reverse Side

JUN 6 1972

P. T. McGRATH

,			W-
	UNITED STATES TMENT OF THE INTER GEOLOGICAL SURVEY	SUBMIT IN TRIPLICATE* (Other instructions on reverse side)	Form approved. Budget Bureau No. 42-R1424 5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-2168
	TICES AND REPORTS (lossals to drill or to deepen or plug learning for permit—" for such p		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVA 10
OIL GAS OTHER		RECEIVED	7. UNIT AGREEMENT NAME NW Cha Cha
2. NAME OF OPERATOR Humble Oil & Refining 3. ADDRESS OF OPERATOR	g Company	FEB 1 4 1973	8. FARM OR LEASE NAME NW Cha Cha Unit 9. WELL NO.
P. O. Box 120, Denver Location of Well (Report location See also space 17 below.) At surface		lt. Operazions State requirements.*	23-27 10 FIELD AND BOOL, OR WILDCAT Cha Cha Gallup
NE SE (1980' FSL, 780	O' FEL) Sec. 27		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
14. PERMIT NO.	15. ELEVATIONS (Show whether DF	, RT, GR, etc.)	Sec. 27-29N-14W NMPM 12. COUNTY OR PARISH 13. STATE San Juan N. M.
16. Check A		Nature of Notice, Report, or C	
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other) 17. DESCRIBE PROPOSED OR COMPLETED OF	PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS	WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) (NOTE: Report results Completion or Recompletion of Recompl	ent report of: altering casing Abandonment* of multiple completion on Well etion Report and Log form.) including estimated date of starting any in depths for all markers and zones perti-
9-30-72 Spot 15 sack ce Spot 15 sack ce Spot 15 sack ce 10-2-72 Spot 40 sack ce 10-5-72 Shot off casing 10-6-72 Spot 50 sack ce Spot 40 sack ce 10-9-72 Installed regul	ement plug from 5346-1 ement plug from 4400-4 ement thru hole @ 1650 g @ 1280. Pulled casin ement plug from 1300' ement plug from 252-11 lation dry hole market	5246 4300 O. Top of cement insiding. to 1150'. 52. r with 10 sack cement	de casing @1550.
CC: 2-New Mexico Oil Cor l-Minerals Superviso l-Midland	nservation Commission or-Navajo Tribe	-	
• .		·	
18. I hereby certify that the foregoing SIGNED J. Roy Dorrough		strict Superintendent	DATE 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

DATE _

TITLE .

APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

WELLBORE DIAGRAM

		PF - KAT.	elev.: 5786 correction: 16	} :
	TO MEAN	.C.L.	elev.: <u>& 77</u>	· .
	Partie de la company de la com	1004 plug	0-30	
		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
HOLE SIZE:				
4/1) poli plus	P		78" <u>36 i J</u> S	5 GRADE
40.24 plug 258-156	must }		at <u>202</u> Ent with <u>200</u>	sx
50 21/ple 1300-115	49 4 10 1		<	
1300 - 1151		TOC 1550) & pulled	<i>v</i>
_LE SIZE:	{	hola@ 1650		:
)		40 sucmet th	ner holo	
D. V				
D.V. tool @'sx			•	
			•	
		1504 plug. 4	Um-4300	
		1029 pany 7	700-7000	
·				
"TOP PERF: 53				
RMATION: Gallup		15 sol Cont plu	g 5346-5246.	
*BOT PERF: <u>53</u>	46. TA A	15104011	0	
1	Oge Land			
рвти: <u>5553</u> ') 		
TOTAL DEPTH 5596		•	" 15.51 J5	
"INDIVIDUAL PERFS: 5328-4	-6	CENE	at <u>5595</u> ' ; vt with <u>200</u> s	XSTGS
SPF = HOLE	 S	Top	of cement at <u>4</u>	300'
LEASE NAME: Cha Cha		•		· #5/
UELLBORE DIAGRAM AS OF DATE:	: 11/1/0	WE	LL NO.: 27-	12
*	TY: San Juan	Unit T	section: 2	7
	ANCE: 14W	LEGAL: 1930		
	ORKING INTEREST:		ALTY INTEREST:	
COMPLETION DATE: 7/14/60 C	- URRENT STATUS: (P			ZV A