(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Budget Bureau l	No. 42-R358.4.
Approval expires	12-31-60.

Land Office Santa Fe

Lease No. 079391

Unit Sen Juan 27-5 Unit

SUNDRY N	OTICES AN	ID RE	POR	TS ON V	WELLS	
NOTICE OF INTENTION TO DRILL	X	SUBSEQU	ENT REPO	RT OF WATER SHU	r-off	
NOTICE OF INTENTION TO CHANGE PLANS	s	- 11		RT OF SHOOTING O	- 15 110 15	: [[]
NOTICE OF INTENTION TO TEST WATER S	HUT-OFF	SUBSEQU	ENT REPOR	RT OF ALTERING C	SHEET WILL	=
NOTICE OF INTENTION TO RE-DRILL OR	1	1		RT OF RE-DRILLING	1111	~;;~,√967
NOTICE OF INTENTION TO SHOOT OR AC		1		RT OF ABANDONME	~-	-4-3
NOTICE OF INTENTION TO PULL OR ALTE		SUPPLEM	ENTARY W	ELL HISTORY		SURVEY
NOTICE OF INTENTION TO ABANDON WEL	<u> </u>		,		્રા ક	10g/c.
(INDICATE A	BOVE BY CHECK MARK NA	TURE OF RE	PORT, NOTI	CE, OR OTHER DAT	A) Gameler	7:6011
	•		Octobe	er 24,		, 19 <u>.61</u>
Vell No.63 (PM) is located	850 ft. from	hitx.	and 18	40 ft. from	line of	Kari
7 01 10 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		[5]				FITIVEN
S.W. (Agent 100 B. No.)	27 ₍₁ 5-7)		X.	M.P.M. (Meridian)	. /n	TOTIATO,
o.Blanco P.C. Ext. &	Rio Arriba	inge)		(Meridian)	Mexico o	CT 0.0 4044
Lanco Magaidyerde	(County or 8	ubdivision)		(Sta	te or Territory)	CT 26 1961
						CON. COM.
The elevation of the derrick flo	or above sea level	is	9. ft.			DIST. 3
	DETAILS	S OF W	ORK			
it is intended to drill and Ness Verde formation and 7" casing and 4 1/2"OD Liner will and fractured. Estimate the sing Progress: 9 5/8" surface so 7" Intermediate a cover the 0jo 4 1/2"liner set for to cover liner the W/2 of Section 3 is I understand that this plan of work mutations.	s. Mad circular vill be set. G be set. All pod T.D. 5750'. t @ 120'. Come et @ 3580'. Co Alamo. rom 3500 to 57' top. dedicated to to dedicated to to the control of the	tion wise circustible need to mented to the Manne Mann	all be culation produce surfu with 2 mented verde	med thrum will be the interdece with 12 and cu. ft. I with 386 cu. Cliffs for	the Pictures will wals will to sacks. 50% exc. cu. ft.	the Mass Verbe perforate
Company El Pago Hatural	Gas Company					
Address Box 990		, a		Outstand Of a	ada Ω M¹	! ! FR
Farmington, New M	iexico	El m	Ву	Original Sign	aca N G. M.	L is In 13
		C	Title	Petrole	m Enginee	r
						GPO 862040

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.			Date May	17, 1961
Well No. 63 (PM) Unit Lette	AL GAS COMPANY r N Section 8	Township	27-N Rs	SF 079391
County RIO ARRIBA Name of Producing Formation	G I Elevation 6579	Dedicated	eet From WE 1 Acreage 160 BLANCO P.C.	& 32 0 Acres
1. Is the Operator the only owner Yes No X	er in the dedicated acreage out	lined on the plat bel	ow?	
2. If the answer to question or	ne is "no", have the interes	its of all the owners. If answer is "yes",	s been consolid Type of Cons	ated by communitization olidation.
3. If the answer to question two	o is "no", list all the owners			ow:
Owner		Land	l Description	COFILE
,,,	e e e e e e e e e e e e e e e e e e e			/RELEIVED
				OCT 26 1961
				DIST. 3
Section B.	Note: All d	istances must be fro	outer boundar	
This is to certify that the inf in Section A above is true and o	complete	1	!	1
to the best of my knowledge and	d belief.			
El Paso Natural Gas Compa (Operator) Original Signed R. G. M.	N		·	
(Representative) Box 990	N			1
(Address)	Ŋ			
Farmington, New Mexico	N.	SEC	9 m	
		R	,	4
	SF C	79391	:	N
		8		
	184	o'	i	
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	A	!	
	K 3	35		
	VAVAVAV		3	
	0 330 660 99	0 1320 1650 1960 2310 26	40 2000 1500	1000 500 0
		Scale 4 inches	equal 1 mile	
	This is to certify that the a	above plat was prep	ared from field	notes of actual surveys
	made by me or under my sup	pervision and that th		· · · · · · · · · · · · · · · · · · ·
(8 no.l.)	of my knowledge and belief.		May 16, 1	1961
(Seal)		Date durveyed	002	10 7
Farmington, New Mexico	·	Registered Pro	essional Engine	eer and or Land Surveyor

Form	9-881 a
(Feb	. 1961)



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Land Office .	Smata	70	
Lease No	0793	19 0	
Unit Sen	Juan	27-5	Unit

SUNDRY	NOTICES AN	ND REPOR	RTS ON W	ELLS
NOTICE OF INTENTION TO DRILL		SUBSEQUENT REP	ORT OF WATER SHUT-0	FFX
NOTICE OF INTENTION TO CHANGE	PLANS	SUBSEQUENT REPO	ORT OF SHOOTING OR	ACIDIZING PARTE
NOTICE OF INTENTION TO TEST WA	TER SHUT-OFF	SUBSEQUENT REPO	ORT OF ALTERING CAS	NG
NOTICE OF INTENTION TO RE-DRILL	L OR REPAIR WELL	SUBSEQUENT REPO	ORT OF RE-DRILLING O	R REPAIR
NOTICE OF INTENTION TO SHOOT O	OR ACIDIZE	SUBSEQUENT REPO	ORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR	ALTER CASING	SUPPLEMENTARY	WELL HISTORY	
NOTICE OF INTENTION TO ABANDO	N WELL			
(INDIC	CATE ABOVE BY CHECK MARK N.	ATURE OF REPORT, NO	TICE, OR OTHER DATA)	
		ilo	resber 2,	, 19
Vell No. 63 (PM) is loca	ated 350 ft. from.	S line and	1640ft. from	line of sec.
3.V. Section 8	27-8	5-V	B.M.P.M.	•
(% Sec. and Sec. No.)	(Twp.) (R	ange) Arriba	(Meridian)	Meerico
Hos Verus	(County or 8	Subdivision)	(State o	r Territory)
The elevation of the derric	k floor above sea leve	l is 553 9 ft.		
		S OF WORK		
State names of and expected depths	to objective sands; show sizes,	weights, and lengths	of proposed casings; in	dicate mudding jobs, come
Syud date 10-28-61.	ing points, and all oth	er important proposes	d work)	
20 10- 29-61 F.D. 170	1. Ren 5 foints	9 5/8" 32.3	H-ko casing	(1541)
set at 165' with 120	size coment 1/4 cr	.ft. Strate	-Crete"6"/sk	
3 A-6 circulated to				
3014 6004/30 minutes			(4)	TIME
			/otl	TIVEN
			/ Nr:	OFILED /
			NO	7 1961
			1 110	1 1502
			OIL	CON. COM.
			\ 1	DIST. 3
I understand that this plan of wo	rk must receive approval in w	riting by the Geologic	al Survey before operat	ions may be commenced.
Company SI Page Mata	ural Oms Company			
Address Box 990				
Farmington,	New Mexico	Rv	Ungiaci Signos	D. W. Meehan
		Title	Potroleum I	gigin ee r

GPO 862040

(SUBMIT IN TRIPLICATE)

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

Bud App	get Bureau No. 42- roval expires 12-31-	R358.4.
Land Office	Santa Fe	
Lease No	079391	<i></i>

Unit San Juan 27-5 Unit

SUNDRY NO	DTICES AN	D REPOI	RTS ON W	ELLS
NOTICE OF INTENTION TO DRILL		SUBSEQUENT REF	PORT OF WATER SHUT-O	FF.
NOTICE OF INTENTION TO CHANGE PLANS.		-	ORT OF SHOOTING OR	
NOTICE OF INTENTION TO TEST WATER SH	UT-OFF	SUBSEQUENT REP	PORT OF ALTERING CAS	K F A E I W B
NOTICE OF INTENTION TO RE-DRILL OR RI	EPAIR WELL	SUBSEQUENT REP	ORT OF RE-DRILLING	
NOTICE OF INTENTION TO SHOOT OR ACID	IZE	SUBSEQUENT REP	ORT OF ABANDONMENT	<i>III</i>
NOTICE OF INTENTION TO PULL OR ALIER	CASING	10	WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL.				1404 20 10
(INDICATE AB	OVE BY CHECK MARK NAT	URE OF REPORT, NO	OTICE, OR OTHER DATA)	U. S. GEOLOGICAL SURV FARMINGTON, NEW MEX
	No	rember 13	••	, 19 <u>51</u>
Well No. 63 (PM) is located !	350 ft. from	line and	840 ft. from W	$\frac{8}{7}$ line of sec. $\frac{8}{1}$
.W. Section 3	27-N 5-W	n.	M.P.M.	
o.Blanco Pictored Cliffs	(Range	(e)	(Meridian)	
lanco Mesa Verde	Rio Arriba (County or Sub		Nev Mexi	r Territory)
n 11-2-61, T.D. 3581'. I et at 3578' with 90 sks (ollowed by 50 sks regular ald 1500#/30 minutes.	cement, 1/4 cu	/* 20#, J-5 . St. Stret	is casing (356 :a-Crete"6"/si	(2°)
n 11-7-61 T.D. 5750'. Re et from 3080 to 5750' wit ilsonite/sk., 1/8# Floce: eld 1500#/30 minutes.	th 215 sks cem	1/2" 10.5# ent, b# gel	J-55 casing i, 1/4 cu. ft.	RECEIVED NOV1 6 1961
I understand that this plan of work must		ng by the Geologic	al Survey before operat	OIL CON. COM.
Company El Paso Natural (•••••	
Address Box 990			Çilgin 1 Siga	of p.W. Meeton
Farmington, New 1	texico	Ву.	•	
****			Petroleum Br	
		1 Icic	*	-0.0 0.620

GPO 862040

Form 9-881 a. (Feb. 1951)						

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Land	Office \$	ianta	Fe	
Lease	No. 07	19391		
Unit .	San	Juan		

· · · · · · · · · · · · · · · · · · ·			esce IVE
NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	NOV 15 1961
NOTICE OF INTENTION TO CHANGE PLA	i i	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZ	
NOTICE OF INTENTION TO TEST WATER NOTICE OF INTENTION TO RE-DRILL O		SUBSEQUENT REPORT OF ALTERING CASING SUBSEQUENT REPORT OF RE-DRILLING OR REPORT OF ARANDONMENT	E OF O OGICAL SPRY
NOTICE OF INTENTION TO SHOOT OR		SUBSEQUENT REPORT OF RE-ORILLING OR REP. SUBSEQUENT REPORT OF ABANDONMENTFA	CALINGTON, NEW MEX!
NOTICE OF INTENTION TO PULL OR AL		SUPPLEMENTARY WELL HISTORY	Kittiegassass
NOTICE OF INTENTION TO ABANDON W		Vater Frac.	X
(INDìCATI	E ABOVE BY CHECK MARK NA	TURE OF REPORT, NOTICE, OR OTHER DATA)	
		November 13,	, 19
Vell No. 63(PM) is locate	ed 850 ft. from	$\begin{cases} S \end{cases}$ line and $\begin{cases} 1840 \\ S \end{cases}$ ft. from $\begin{cases} W \\ W \end{cases}$ line	e of sec
S.W. Section 8	27-11	5-W N.M.P.M.	
o. Binned F.C. bat.	Tin Amelia	Mate Matel	80
Lanco Hopp Vertie	(County or S	ubdivision) (State or Terri	
1-8-61 Total Depth 579	objective sands; show sizes,	of WORK weights, and lengths of proposed casings; indicate proposed proposed casings; indicate proposed proposed casings; indicate proposed proposed casings; indicate proposed casings	ffs perf int.
1-8-61 Total Depth 575 372-76;3380-88;3394-98 372-76;3380-88;3394-98 372-76;3380-88;3394-98 372-98 3	bejective sands; show sizes, to 'incolor: Inda	weights and lengths of proposed engines, indicate	ffs perf int. ,000# send. 57.7 BPM. Cliff House 40,000# send. 3 bells. rec Point water, 60,000#
1-8-61 Total Depth 575 372-76;3380-88;3394-96 DP 2350f, max pr 1600f lush 6000 gallons. Bro 1-8-61 Total Depth 575 pr 1600f, max pr 3000f 1-8-61 Total Depth schout perf int 5574-8 and. BDP 1700f, max pr lush 8000 gallons. Bro	bejective sands; show sizes, to 'incolorating all the sign of the colorating all the sign of the colorating and sizes, and the colorating are sizes, and the	weights, and lengths of proposed casings; indicate 50°°. WEEEF TIME Pictured Cli. 3; with 47,400 gal water, 450-1200-1600%. Injection rate plug at 5300%. Water frac 520% with 40,700 gal water, 0-1850-2100-2900%. Dropped 41dge Flug at 5706%. Water frac 20;5664-72; with 57,100 gal	ris perf int. ,000# send. 57.7 BPM. Cliff House 40,000# send. 3 bells. rec Point seter, 60,000#. RELEVED.
1-8-61 Total Depth 575 372-76;3380-88;3394-98 DP 2350f, max pr 1600f lush 6000 gallons. Bro 1-8-61 Total Depth 575 DP 1600f, max pr 3000f 1-8-61 Total Depth schout perf int 5574-8 and. BDP 1700f, max pr lush 8000 gallons. Bro	bejective sands; show sizes, to 'incolorating all the sign of the colorating all the sign of the colorating and sizes, and the colorating are sizes, and the	weights, and lengths of proposed casings; indicate 50° Wicker Time Pictured Cliss; with 47,400 gal water, 450-1800-1600f. Injection rate plug at 5300°. Water frac 5204° with 40,700 gal water, 0-1850-2100-2900f. Propped 41dge Flug at 5706°. Water f 20;5564-72; with 57,100 gal pr 1500-1400-1450-1700-2900f	ffs perf int. ,000# send. 57.7 BPM. Cliff House 40,000# send. 3 bells. rec Point uster, 60,000#. IR 40.4 BPM.
1-8-61 Total Depth 575 372-76;3380-88;3394-98 DP 2350f, max pr 1600f hish 6000 gallons. Bro 1-8-61 Total Depth 575 pr 1600f, max pr 3000f 1-8-61 Total Depth believe perf int 5574-8 and. EDP 1700f, max pr lumb 8000 gallons. Bro	objective sands; show sizes, to inscription and sizes, to inscription and sizes, to inscription and sizes, to inscription and sizes, avg tr pr 160 5750'. Temp. Bridge 19;5602-10;56200-10;5620-10;5620-10;5620-10;5620-10;5620-10;5620-10;5620-10;5620-10;5620-10;5620-10;5620-10;5620-10;5620-10;5620-10;5620-10;56200-10;56200-10;5620-10;5620-10;5620-10;56200-10;56200-10;56200-10;56200-10;56200-10;56200-10;56200-10;56200-10;56200-10;56200-10;56200-1	weights, and lengths of proposed casings; indicate 50° Water Time Pictured Cliss; with 47,400 gal water, 450-1200-1600%. Injection rate plug at 5300°. Water frac 5206° with 40,700 gal water, 0-1850-2100-2900%. Dropped 41dge Flug at 5706°. Water frac 20;5664-72; with 57,100 gal pr 1500-1400-1450-1700-2900%.	Propertint. 57.7 BPM. Cliff House 40,000/ send. 3 bells. rec Point meter, 60,000/ IR 40.4 BPM. PREFERENCE NOW 16 1961 OIL CON. COM/
1-8-61 Total Depth 575 172-76;3380-88;3394-98 172-76;3380-88;3394-98 172-76;3380-88;3394-98 182-8-61 Total Depth 575 187 int 5054-62;5148-5 187 1600f, max pr 3000f 1-8-61 Total Depth 168-61 Total Depth 168-62:5148-5 168-62:5148-	phisotive sands; show sizes, to inscription all the control of the	weights, and lengths of proposed casings; indicate 50° Water Time Pictured Cliss; with 47,400 gal water, 450-1200-1600%. Injection rate plug at 5300°. Water frac 5206° with 40,700 gal water, 0-1850-2100-2900%. Dropped 41dge Flug at 5706°. Water frac 20;5664-72; with 57,100 gal pr 1500-1400-1450-1700-2900%.	PICELLED NOW 1 6 1981 OIL CON. COM/ DIST. 3

OPEN FLOW TEST DATA

DUAL COMPLETION

Land Commence and the second

DATE November 28, 1961

Operator El Paso Natura	1 Gas Company	San Juan 27-5 No.	63 (MV)
^{Location} 850'S, 1340'W,	Sec. 8-27-5	County Rio Arriba	New Mexico
Formation Mesa Verde	· · · · · · · · · · · · · · · · · · ·	Pool Blanco	
Cosing: Diamete 4- 1/ 2**	Ser Ar Feet 5750	Tubing: Diameter 2-3/8	Set At: Feet 5681
5054	ਾ _ਰ 5672	5750 C/O 5706	11-13-61
demolation Method Sand Veter Fra	.c.	Flow Errough Sasing	Flaw Inrough Tubing X

0.750	,	12.36		Baker Model "T	R" Pkr. at 3608'.	
935 (PC)	es ;	11 Fya. 947	- Cays Shoron - 15	1066 (MV)	1078	
1996 1996 1996 1996 1996 1996 1996 1996	₽°[}.	2 - 8314 212		Working Pressure P., Calc.	PSIG 12 - SIA 466	
To Gif	·· .9962	•75		Fp. from Tables: 1.024	Gravit. .6 5 0 Fa	.9608

Initial SIPT (PC) = 935 psig Final SIPC (PC) = 936 psig

OBJECTS OF A C X P. X F. X F. X F. X

(12.365)(242)(.9962)(.9608)(1.024)

2933 MCF D

401 3478 MCF D

NOTE: Blew heavy fog of water and condensate throughout test.

The Boundary Dannie Roberts

A The Section Calculated by: T. B. Grant

OPEN FLOW TEST DATA

الهاكلة فالمراز المعولا وفاقع والمراجع الإمراز والم

DATE November 20, 1961

		Lease				
Operator El Paso Natural Gas Company		San Juan Unit 27-5 No. 63 (PC)				
_ ocation		Count,	otate.			
850'S, 1840'W,	Sec. 8-27-5	Rio Arriba	New Mexico			
Formation		Pixor				
Pictured Cliff	?s	South Blanco				
Casing: Craneter	Set At Feet	Tubin: 1 g ++	Set At: Feet			
7**	. 35 7 8	1-1/4*	<i>33</i> 97			
Pay Zone: Elliam	To	Total Carr	Sn + In			
337 2	33 98	5750 c/o 5706	11-13-61			
Stimulator Method		Frow Inc. gr. asing	Flow Through Tubing			
Sand/Water Fra	ie.	X				

Chime Size, In tes	Chile or start C		
.75 0	12.365		'R" Pkr. at 3608'.
Stutila Ermsburg, Casing,	PSIG 2 For a Days Shuttle	Short for the same	- 12 FS: A
870 (PC)	882 7	. 8 7 0 (PC)	. 8 82
him wing street sure. D	PS[G > 12 PS(A	Morking fressure, 🚉	PSIG - 12 PSIA
457	469	471	483
Ten verutine:	3	For trac Tobies.	Gravity
67	•9933 •85	1.054	Est695 19 .9292

Initial SIPT (MV) = 1049 psig Final SIPT (MV) = 1054 psig

CHOKE VOLUME Q C x P, x F, x Fg x FFV

(12.365)(469)(.9933)(.9292)(1.054)

5642 MCF D

(1.4283)****(5642) = (1.3541)(5642)

7640 MCF D Aot

D. E. Mortensen

WITNESSEL HE

Checked by: T. B. Grant, Jr.

NOV 22 1981 OIL CON DIST.

U. S. LAND OFFICE Santa Fe SERIAL NUMBER 079391

LEASE OR PERMIT TO PROSPECT

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

X

LOG OF OIL OR GAS WELL

Company 91 Pago Setural Gas Company Lesson or Trust San June 2-5 Unit Field So. Blagon P.C. Editate. New Mexico. Woll No. S. 19 2:68 R. 5M. Meridian S.M.P.M. Councy ADA ARTHOR Location S. 1:6 N. S. of 3 Line and S. C. S.	LOCATE W	ELL CORREC	CTLY							
Lesco or Tract Jan June 5 - 5 30 1	Company	Paao Na	etu ra l G	as Compan	y	- Addres	Box 990,	Farming	ton, New	Mexico
Lecation 522 ft of 2. Line and 12820t of H. Line of Section 8. Elecation 522 The information given berevirth is a complete and correct record of the well and all work done there so far as can be determined from all available records. Signed Date Describer 3. 1951 The eminiary on this page is for the condition of the well at above date. Commenced drilling 10-20- 19-51 Presided drilling 11-7- 19- OILOR GAS SANDS OR ZONES (Breeste pat by 67) No. 1, from 524 to 524 (2) No. 4, from 5571 to 5750. No. 2, from to No. 5, from to No. 4, from 504 to No. 5, from to No. 4, from t	Lessor or Tra	ct 3an J	Juan 2 -	5 Unit		Field 3	So.Blanco P.	.C. . Exce t	ateNew	Mexico
The information given between the sa complete and correct record of the well and all work done there for far as can be determined from all available records. Signation of the summary on this page is for the condition of the well at above date. The summary on this page is for the condition of the well at above date. Tommerced drilling 10-28										
The information given berevith is a complete and correct record of the well and all work done there for are scan be determined from all available records. Signed Title Petroleum Saginest. The summary on this page is for the condition of the well at above date. Summerced drilling 10-23- . 19. 51 Finished drilling 11-7- . 19. OIL OR GAS SANDS OR ZONES (Dende year by C.) (Dende year by C.) No. 1, from . 1372 to 5-241. (G.) No. 3, from . 5572 to 5750. No. 2, from . 50-29 to 5571. (g.) No. 5, from . to	Location <u>25</u>	2. ft. $\left \begin{array}{c} \mathbf{N} \cdot \\ \mathbf{S_v} \end{array} \right $	of _2 Li	ne a nd <u>194</u> 0	Oft. E.	of <u>W</u>	Line of Sect	10n 8	Elev &	ation 5599
Date December 3, 1951	The infor	mation giv	en herewi	ith is a comp	plete a record	nd corrects.	t record of the	well and	all work o	lone thereon
The summary on this page is for the condition of the well at above date. Dominenced drilling 10-26-	Date Decem	ber 3, 19	X1		O.g.no					-
OIL OR GAS SANDS OR ZONES Control part by 67 Sept. (a). No. 4, from					lition c	of the well	at above date		_	
Co. 1, from 372	Commenced d	lrilling 10-	28-	 ,	195	1 Finish	ed drilling	11-7-		, 1951
10.0, 1, from 1772				OIL OR	GAS S	SANDS C	R ZONES			
10. 2, from 50.49 to 5571 G No. 5, from to				مات س	•					
No. 0, from 100 10	No. 1, from	<i>بری:</i> 5 04	2 to .	523 0	(G)	No. 4,	from5;	λ/ <u>1</u>	. to	5750(C
IMPORTANT WATER SANDS No. 1, from to No. 3, from to No. 2, from to No. 4, from t	10. 2, from		10 -	cen	(0)	No. 5	from	;	. to	
No. 3, from	(0, 5, 1rom		- 60بق			•				
No. 4, from	To. 1. from	·	to .						. to	
CASING RECORD Size Make Amount Rind of shore Cut and pulled from To Purpose	,	•				-				
Size Shot used Size S					- 1	5.4				• • •
10.5 1.5			per M		1			m Pe		Purpose
2 30.5 3 4 3-55 3567 3568 3568 1405 1406 14	mur at a			lia " vri	E	المستقلية	ris e i navign	From-		
MudDING AND CEMENTING RECORD Prod by	5 32.3 80	8.2	d Ju	55 356	7 9	NGT-		,,, 	76 4	Tout distance 1
MUDDING AND CEMENTING RECORD Mud gravity			i	• •						
MUDDING AND CEMENTING RECORD Number sacks of eement	•				!		<u> </u>			-Prod-tubii -Prod-tubii
Number seeks of cement Method used Mud gravity Amount of mud used 1/5 1/			·							
1/5			M	UDDING A	ND C	EMENT	NG RECORD) 		
12 12 13 14 15 15 15 15 15 15 15		re set	Number sack	s of cement	M	ethod used	Mud gravity		Amount of m	ud used
	165 T		12		cir	culated				
PLUGS AND ADAPTERS caving plug—Material Length Depth set Size SHOOTING RECORD Size SHOOTING RECORD Size Shoit used Explosive used Quantity Date Depth shot Depth cleaned out TOOLS USED otary tools were used from Get to 3580 feet, and from 3530 Ges Drilled 5750 est able tools were used from feet to	3578			-	1	***	ge .			
Size Shooting Record State Shell used Explosive used Quantity Date Depth shot Depth cleaned out	(/2 3400	- 5 (50	21		-!				····	·
TOOLS USED Stotary tools were used from	Size	Shell used	Expl					hot	Depth clear	ned out
TOOLS USED Rotary tools were used from feet to feet to 5580. feet, and from feet to 5750e Cable tools were used from feet to feet, and from feet to feet, and from feet to feet to feet, and from feet to feet to feet, and from feet to feet feet to feet to feet feet to feet feet to feet to feet feet feet feet feet feet feet		i distan	d							
Rotary tools were used from C										
Cable tools were used from					TOOI	S USED			es Dudli	ad
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with the reasons for the work and its results. If there were any changes made in the easing, state fully, and if any easing was "sidetracked" or left in the well, give its size and location. If the well pas been dynamited, give date, size, position, and neglight or pailing. of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Free Pictured Cliffs w/h7,400 gel vater, 45,000# sand. Flush 6000 gel. 1.8. 57.7 BPM. Max pr 1600#, BDP 2350#, tr pr 1100-1200-\$36-4688 1372-76;3380-88; \$600# \$040-0025 to8-04+3 Frac Clair House w/40,700 gal water; 40,000# sands Tush 8000 gal. I.R. 43.9 BPM Max pr 3000# BDP 1600#, tr pr 1600-1850-2100-195-84T\$189-450\$ 5574-82;5502-10; Frac v/57,100 gal pers. 60,9904 sand. Flush 8000 gal. I.R. hell 5502-88;5508-10; Frac v/57,100 gal pers. 60,9904 tr pr 1500-1450-1450-1700-2900#.

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LOG OF OIL OR GAS WELL

ORIGINAL DET FORTE SKITSALDE GEOGRADIO EN LATRAVEL