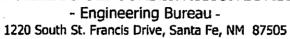
3/4/2015

NSL

PMAM1507057261

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION





ADMINISTRATIVE APPRICATION CHECKLIST

	ADMINISTRATIVE ALL BIOATION ONEONEOL
т	HIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE
Annil	cation Acronyms:
-thhi	lacktriangle
	[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
	[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
	[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
	[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
	[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
	[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]
[1]	TYPE OF APPLICATION - Check Those Which Apply for [A] - ルらレーフン 5 多
[1]	
	[A] Location - Spacing Unit - Simultaneous Dedication — COG openHing, LL
	225137
	Check One Only for [B] or [C]
	[B] Commingling - Storage - Measurement \(\tilde{\cuteff} = \tilde{\cuteff} \)
	☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM ☐
	- Clarken Le:
	[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
	□ WFX □ PMX □ SWD □ IPI □ EOR □ PPR Fee#84
	DHC CTB PLC PC OLS OLM CHAPO HIJE [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery WFX PMX SWD IPI EOR PPR FEETSY
	7
	[D] Other: Specify 30-025-920
[2]	NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply
	[A] Working, Royalty or Overriding Royalty Interest Owners
	[B]
	- Chumb Be
	[C] Application is One Which Requires Published Legal Notice
	_
	[D] Notification and/or Concurrent Approval by BLM or SLO
	U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
	[E] For all of the above, Proof of Notification or Publication is Attached, and/or,
•	[F] Waivers are Attached
[3]	SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE
[5]	
	OF APPLICATION INDICATED ABOVE.
	`·
[4]	CERTIFICATION: I hereby certify that the information submitted with this application for administrative
	val is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this
	ration until the required information and notifications are submitted to the Division.
appuc	ation until the required information and notifications are submitted to the Division.
	Note: Statement must be completed by an inglividual with managerial and/or supervisory capacity.
	$\mathcal{O}(V)$ of $\mathcal{V}_{\mathcal{O}}$
May	te Reyes Regulatory Analyst 3/11/15
Print o	r Type Name Signature Date
	A A
	mmweel @cuncho.com

e-mail Address



New Mexico Oil Conservation Division 1220 South Saint Francis Drive Santa Fe, New Mexico 87505

Attention:

Mr. Michael McMillan

Re:

Application for Non Standard Location

Cuatro Hijos Fee #8H

Section 17, Township 19 South, Range 35 East

SHL: 190' FSL & 990' FWL

Planned FTP: 330' FSL & 990' FWL

BHL: 330' FNL & 660' FWL

Planned LTP: 330' FNL & 660' FWL

Lea County, New Mexico

Dear Mr. McMillan:

Pursuant to Division Rule 19.15.15.13, COG Operating LLC (COG) respectfully requests administrative approval of a Non Standard Location for its Cuatro Hijos Fee #8H well. This well does not meet the spacing requirements of the Scharb; Bone Spring pool.

Offset operators have been notified of the proposal to drill this well and have been sent a copy of this application by certified mail, return receipt requested.

Attached is a Form C-102 showing the well and the project area

Thank you for your consideration of this application. Should you have questions or require further information, please contact Mayte Reyes at 575-748-6945 email mreyes1@concho.com or Melanie Parker at 575-748-6952 email at mparker@concho.com.

Sincerely,

Regulatory Analyst

DISTRICT I State of New Mexico

Lease No. Fighter On., BORES, No. 88210 Energy, Minerals & Natural Resources Department

Plant (197) 373-4181 7411 (871) 1751-4722 OIL CONSERVATION DIVISION

511 S. (1973) 749-1223 Fax; (1973) 749-1723 1220 SOUTH ST. FRANCIS DR

1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

DISTRICT III 1000 RIO BRAZOS RD, AZTEC, NM 67410 Phone: (508) 534-6178 Faz: (805) 534-6170

AMENDED REPORT

DISTRICT IV

, ,

St (200) 410-2400 AST: (000) 410-2405	WELL LOCATION AND	ACREAGE DEDICATION PLAT	
API Number .	Pool Code	Pool Na	ma
30-025-42468	55610	Scharb; B	one Spring
Property Code	Prop	erty Name	Well Number
40474	CUATRO	HIJOS FEE	H8
OGRID No.		ator Name	Elevation
229137	COG OPE	RATING, LLC	3857.3

Surface Location

UL or jot No.	Section	Township	Range	Lot Idn	Fact from the	North/South line	Feet from the	East/West line	County
М	17	19 - S	35-E	,	190'	SOUTH	990'	WEST	LEA

Bottom Hole Location If Different From Surface

	VL or lot No.	Section	Township	Range	Lot ldn	Fest from the	North/South line	Feet from the	East/West line	County
İ	D	17	19 - S	35-E		330'	NORTH	660'	WEST	LEA
1	Dedicated Acres	a Joint o	r Infill Co	nsolidation (Code On	der No.				
	160	:								

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

UR A NON-STANDARD UNIT HAS BEEN APPROVED	B) THE DIVISION
330 Y=607670.0 N X=761577.5 E	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization sither owns a working interest
Y=607656.4 N X=760258.7 E	or unleased mineral interest in the land including the proposed bottom hale location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order deputative entered
NAD 27 PROPOSED BOTTOM HOLE LOCATION	compulsory pooling order affectors entered by the privision. Signature 3/1/2 Signature Date
HOLE LOCATION Y=607333.3 N X=760921.9 E LAT.=32.666795 N LONG.=103.485455 W	Melanie J Parker Printed Name mparker@concho.com
NAD 27 +	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field
SURFACE LOCATION Y=602566.4 N X=761297.3 E	notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. FEBRUARY 5, 2015
LAT. = 32.653685' N LONG. = 103.484359' W	Signature & Scal of Professional Surveyor
Y=602369.2 N X=760309.2 E	Chad Tassonia 3/9/15
X=761631.9 E	Cerulicate No. CHAD HARCROW 17777 W.O. 1 15-113 ORAWN GY, AF

₹



Certified Mail - Return Receipt Requested

OXY USA Inc. 6 Desta Drive Midland, Texas 79705

Re:

Application for Non Standard Location

Cuatro Hijos Fee #8H

Section 17, Township 19 South, Range 35 East

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BHL: 330' FNL & 660' FWL

Planned LTP: 330' FNL & 660' FWL

Lea County, New Mexico

Gentlemen:

Attached is a copy of COG's Application for Non Standard Location for the Cuatro Hijos Fee #8H well in Section 17, Township 19 South, Range 35 East, Lea County, New Mexico. You are being sent a copy of this Application per OCD's requirement to notify all owners in the offset acreage. If you have any objection to this Application, notification should be given to OCD within 20 days of receipt of this letter.

If you have any questions regarding this Application, please contact me at 575-748-6945 or Melanie Parker at 575-748-6952.

Sincerely,

Mayte Reves

Regulatory Analyst

Enclosure



Certified Mail - Return Receipt Requested

Sundown Production, LLC Two Galleria Tower 13455 Noel Road, Suite 2000 Dallas, Texas 75240

Re:

Application for Non Standard Location

Cuatro Hijos Fee #8H

Section 17, Township 19 South, Range 35 East

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Sincerely,

Mayte Reyes

Regulatory Analyst

Enclosure



Certified Mail - Return Receipt Requested

Chevron U.S.A. Inc. P.O. Box 2100 Houston, Texas 77252

Re:

Application for Non Standard Location

Cuatro Hijos Fee #8H

Section 17, Township 19 South, Range 35 East

SHL: 190' FSL & 990' FWL

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Sincerely,

Mayte Reves

Regulatory Analyst

Enclosure

(SENDER, COMPLETE HIS SECTION	CONPLETE A HIS SECTION ON DELIVERY
Complete Items.1, 2, and 3. Also complete Item 4 If Restricted Delivery is desired. Print your name and address on the reverse	A Signature
so that we can return the card to you. Attach this card to the back of the malipiece, or on the front if space permits.	B. Received by (Printed Name) O. Date of Delivery D. is delivery address different from item 17 D. You
Chevron U.S.A. Inc.	If YES, enter delivery address below:
P.O. Box 2100)	S. Servico () po
	Cordico Meil Priority Mail Express Registered Registered Receipt for Merchandise Collect on Delivery
2./Article Nutriber	4 Restricted Delivery? (Extra Fee)
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PS Form 381.1 July 2013 Domestic Retu	im Receipt

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Attach this card to the back of the maliplece) or on the front if space permits 1. Article Addressed to:	B. Received by (Printed Name) C. Dete of Delivery) D. Is delivery address different from Itom 17 D. Yes If YES, enter delivery address below: D. No.
oxy USA inc	
6 Desta Drive Midland Texas 7,97,05	3 Service Type Cortified Mail* Priority Mail Express* Cir Registered Return Receipt for Merchandise
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,	SENDEH COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
	Complete liams 1, 2, and 3, Also complete litem 4 if Restricted Delivery is desired. Print your name and address on the reverse	X □ Agent Addressee
	so that we can return the card to you! Attach this card to the back of the maliplece; or on the front if space permits.	B. Roceived by (Printed Name) C. Date of Delivery
	1 Article Addressed to:	D. Is colvery address different from tern 1? Yes, enter delivery address below: No
	Stindown(Production, LLC	
	Two Galleria Tower 13455 Noel Road, Suite 2000	8.78 rvtce Type)
	Dallas Texas 75240	☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ Collect on Delivery
	The state of the s	4. Restricted Delivery? (Extra Fee)
T. Sank	72. Article Number 7011 157	О 0000 7781 4667
	PS Form 3811 July 2013 Domestic Ret	um Receipt

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CERTIFIED MAIL



ain Street 8210

7011 1570 0000 7781 4643

Chevron U.S.A. Inc. P.O. Box 2100 Houston, Texas 77252

CERTIFIED MAIL



ain Street 8210

7011 1570 0000 7781 4650

OXY USA Inc 6 Desta Drive Midland, Texas 79705

GERMATED MAIL



Concho-West 2208 West Main Street Artesia, NM 88210

7011 1570 0000 7781 4667

Sundown Production, LLC Two Galleria Tower 13455 Noel Road, Suite 2000 Dallas, Texas 75240 District I
1025 N. French Dr., Hobbs, NM 88240
Phone(\$75) 393-8161 Fsx:(\$75) 393-0720
District II
811 S. Frist St. Artesis, NM 88219
Phone(\$75) 748-1283 Fsx:(\$75) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone(\$05) 334-6178 Fsx:(\$05) 334-6170
District IV
1220 S. St Francis Dr., Sants Fe, NM 87505
Phone(\$05) 476-3470 Fsx (\$05) 476-3402

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Form C-101 August 1, 2011

Permit 201072

ADDUCATION FOR DEDICATED OF FUTER DEFENDING OF ADD	4 7015
APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD	A ZUNE

1. Operator Nam											
COC	ne and Address 3 OPERATING LLC								2. OGR	8D Number 229137	
	Concho Center	,							3. API 8		
	and: TX 79701								3.2411	30-025-42468	1
4. Property Code		5. P	roperty Name						5. Well		
404	74	<u></u>	-CUA1	TRO HIJOS	FEE .					0408H	
					7. Surfac	ce Location					
UL - Lot	Section	Township	Range		Lot lan	Feet From	N/S Line	Feet From		EW Line	County
M	17.	199		35E		190	3		990	W	Lea
					8. Proposed Bo	ttom Hole Locatio	ın				
UL - Loi	Section	Township	Range		Lot Idn -	Feet From	N/S Line	Feet From		E/W Line	County
D	17	198		35E	<u> </u>	330	N		66D	W	Lea
					9. Pool I	nformation					
SCHARB;BO	NE SPRING							•] !	55610	
					4 A A (12						
11. Work Type		12. Well Type		12 Cab	Additional vi e/Rotery	Vell Information	Lease Type		15 Gangard	Level Elevation	
	/ Well	OIL		110,000	en Otac)	177	Private			3857	
16. Multiple		17. Proposed Dep		18. Form		19.	Contractor	1	20. Spud Da		
N	 	14495			Bone Spring					3/16/2015	
Depth to Ground	water			Distance	trom negrest fresh w	ater well			Distance to	neerest surface wat	er
d We will be a	using a closed-loo	n evetars in liqu	of signal nits	-							
************	saing a croaca-too	p system in neu	ot tilten bir:		Beauty Continu						
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Type Surf Int1 Prod Onli 17-1/2* h cement to sur	Hole Size 17.5 12.25 8.75 8.75 ole to ~ (+/-) 1940' face, if necessary. nd lateral to ~ (+/-)	Casing Stz. 13.375 9.625 5.5 w/ fresh water sp. Drill 12-1/4" hole t	d mud. Rur	21, Cesir Casir 13-3/8* 54 00' with sati 1/2* 17# HC 22, Working	ig Weight/h 54.5 36 17 Ig/Cement Progration 5# J55 STC casin arated brine water. P110 LTC casing Proposed Blowe	Setting De 1940 3600 14495 Im: Additional Co og to TD and ceme Run 9-5/8" 36# J5 to TD and cement	mments It to surface in o	one stage, Wo TD and cen	100 50 580 fill use 1"	rface in one stag	C w/ 2% CaCl2 to e. Drill 8-3/4" vertica
Type Surf Int1 Prod Onli 17-1/2* h cement to sur hole, curve, a	Hole Size 17.5 12.25 8.75 ole to ~ (+/-) 1940' face, if necessary. nd lateral to ~ (+/-) Typs Double Ram	Casing Stz. 13.375 9.625 5.5 5.5 w/ fresh water spl. Drill 12-1/4" hole to 14495' with cut br	id mud. Rur o ~ (+/-) 360 ne. Run 5-1	21. Casir Casir 13-3/8* 54 00' with sati 1/2* 17# HC 22. Working	ig Weight/h 54.5 36 17 19 (Cement Progre .5# J55 STC casin rated brine water. P110 LTC casing Proposed Blowo Pressure	Setting De 1940 3600 14495 Im: Additional Co og to TD and ceme Run 9-5/8" 36# J5 to TD and cement	mments nt to surface in 5 LTC casing it to surface in o	one stage. Wo o TD and center stage.	100 50 580 Vill use 1" nent to su	inace in one stag	C w/ 2% CaCl2 to e. Drill 8-3/4" vertica nufacturer
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Type Surf Int1 Prod Onll 17-1/2' h cement to sur hole, curve, a 23. I hereby ce knowledge an I further certi	Hole Size 17.5 12.25 8.75 ole to ~ (+/-) 1940' face, if necessary, and lateral to ~ (+/-) Type Double Ram entify that the inform of belief. fy I have complied	Casing Stz. 13.375 9.625 5.5 w/ fresh water spt. Drill 12-1/4" hole to 14495' with cut br	id mud. Run o ~ (+/-) 360 ine. Run 5-1	Casir Casir 113-3/8" 54400' with sati 1/2" 17# HC 22, Working 30 complete to	ig Weight/h 54.5 36 17 17 19/Cement Progra .5# J55 STC casin arated brine water. P110 LTC casing Proposed Blowd Pressure 1000 0 the best of my	Setting De 1940 3600 14495 Im: Additional Co og to TD and ceme Run 9-5/8" 36# J5 to TD and cement	mments nt to surface in 5 LTC casing it to surface in o	one stage. Wo o TD and center stage.	100 50 580 Vill use 1" nent to su	inace in one stag	C w/ 2% CaCl2 to e. Drill 8-3/4" vertic: nufacturer
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District I
1025 N. French Dr., Hobbs, NM 88240
Phone; (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone; (575) 748-123 Fax: (575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone; (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone; (506) 476-3470 Fax: (505) 476-3482

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Form C-102 August 1, 2011

ermit 201072

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-42468	2. Pool Code 55610	3. Pool Name SCHARB;BONE SPRING	
4. Property Code 40474	Property Name CUATRO HIJOS FEE	6. Well No. 008H	
7. OGRID No. 229137	Operator Name COG OPERATING LLC	9. Elevation 3857	

Feet From 330 N/S Line E/W Line County Feet From Lot Idn D 17 660 W 198 35E Lea 12. Dedicated Acres 160.00 15. Order No. 13. Joint or Infill 14. Consolidation Code

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY

0	OPERATOR CERTIFICATION
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pool order heretofore entered by the division.
	E-Signed By: Larry Kehoe
	Title:
	Date: 3/9/2015
	SURVEYOR CERTIFICATION
	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, the same is true and correct to the best of my belief.
	Surveyed By: Chad Harcrow
	Date of Survey: 2/5/2015
	Certificate Number: 17777

Form APD Comments

District 1
1025 N. French Dr., Hobbs, NM 68240
Phone (575) 393-6161 Fax: (575) 393-0720
District II
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
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Phone (505) 476-3470 Fax: (505) 476-3402

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Perent 201072

PERMIT COMMENTS

	•
Operator Name and Address:	API Number:
COG OPERATING LLC [229137]	30-025-42468
One Concho Center	Well:
Midland, TX 79701	CUATRO HIJOS FEE #008H

Created	Comment	Comment
Ву		Date
	OIL: COG Operating has conducted a review to determine if an H2S contingency plan is required for the above referenced well. We were able to conclude that any potential hazardous volume would be minimal. H2S concentrations of wells in this area from surface to TD are low enough; therefore we do not believe that an H2S Contingency Plan would be necessary.	3/9/2015
	Contingency Frant would be necessary.	

District I
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Phone (505) 476-3470 Fax: (505) 476-3482

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Permit 201072

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:
COG OPERATING LLC [229137]	30-025-42468
One Concho Center	Well:
Midland, TX 79701	CUATRO HIJOS FEE #008H

OCD Reviewer	Concidion
DMULL	Will require a directional survey with the C-104
DMULL	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
pkautz	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.
pkautz	1) SURFACE & INTERNEMIATE CASING - Cement must circulate to surface - 2) PRODUCTION CASING - Cement must tie back into intermediate casing
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water

McMillan, Michael, EMNRD

From:

Mayte Reyes <mreyes1@concho.com>

Sent:

Tuesday, March 31, 2015 9:23 AM

To: Subject: McMillan, Michael, EMNRD RE: Cuatro Hijos Well No. 8H NSL application

Good morning Mr. McMillan,

We are seeking this location because it will allow for efficient well spacing and reservoir drainage.

Thank you, Mayte

From: McMillan, Michael, EMNRD [mailto:Michael.McMillan@state.nm.us]

Sent: Tuesday, March 31, 2015 9:13 AM

To: Mayte Reyes

Subject: Cuatro Hijos Well No. 8H NSL application

Ms. Reyes:

I need a reason for the NSL application (check NSL 7220 API 30-025-42276 for the reason). The 20-day clock ends today, so the quicker you respond, the quicker I can recommend the Director sign the application.

Thank You

Michael A. McMillan

Engineering and Geological Services Bureau, Oil Conservation Division 1220 South St. Francis Dr., Santa Fe NM 87505 O: 505.476.3448 F. 505.476.3462 Michael.mcmillan@state.nm.us

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