		~B5	000			
Form 3160-3 (June 2015) UNITED STATES	S	HOBBS	EIVE	FORM OMB NG Expires: Ja	APPROVI o. 1004-01 inuary 31,	37
DEPARTMENT OF THE I BUREAU OF LAND MAN	NTERIOR AGEMENT	Km		5. Lease Serial No. NMLC0061936		N
APPLICATION FOR PERMIT TO D				6. If Indian, Allotee	or Tribe N	lame
	EENTER			7. If Unit or CA Agr	reement, N	ame and No.
	ingle Zone	Multiple Zone		8. Lease Name and CO GRIZZLY 3 24 0055H	/	(#i)
2. Name of Operator CHEVRON USA INCORPORATED (4323)				9. API Well No. 30-025-	. 49	5487
3a. Address 1 6301 Deauville Blvd. Midland TX 79706	3b. Phone N (432)687-78	o. <i>(include area cod</i> 366	e)	10. Field and Pool, o	or Explora	tory (9671+
 Location of Well (Report location clearly and in accordance of At surface SENE / 2640 FNL / 1115 FEL / LAT 32.159 	•	•		11. Sec., T. R. M. or SEC 3 / T25S / R3		5
At proposed prod. zone SESE / 100 FSL / 330 FEL / LA	T 32.138045	/ LONG -103.6552	86			
14. Distance in miles and direction from nearest town or post off 29 miles	ice*			12. County or Parish LEA	\$	13. State NM
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No of acres in lease 17. Spaci 1879.24 320		-	ing Unit dedicated to this well		
18. Distance from proposed location* to nearest well, drilling, completed, ages for the second to nearest well, drilling, to near the second to near the second to near the second to near				/BIA Bond No. in file		
applied for, on this lease, ft. 1305 leet 21. Elevations (Show whether DF, KDB, RT, GL, etc.)		mate date work will		23. Estimated durati		
3494 feet	04/01/2019		start	150 days	ion	
·····	24. Attac	hments		-		
The following, completed in accordance with the requirements of (as applicable)	f Onshore Oil	and Gas Order No. 1	, and the H	Hydraulic Fracturing r	ule per 43	CFR 3162.3-3
 Well plat certified by a registered surveyor. A Drilling Plan. 		Item 20 above).	•	ns unless covered by ar	n existing t	oond on file (see
3. A Surface Use Plan (if the location is on National Forest Syste SUPO must be filed with the appropriate Forest Service Office		 Operator certific Such other site sp BLM. 		rmation and/or plans as	may be rec	quested by the
25. Signature (Electronic Submission)		(Printed/Typed) Becerra / Ph: (432	1697 766	5	Date 05/07/20	
Title Permitting Specialist	Laura	Becena / Pn. (432)00/-/00:	5	05/07/20	
Approved by (Signature) (Electronic Submission)		ne (Printed/Typed) Date Allen / Ph: (575)234-5978 12/21/2018				
Title Wildlife Biologist	SBAD	976		12/21/20	/10	
Application approval does not warrant or certify that the applicar applicant to conduct operations thereon. Conditions of approval, if any, are attached.	-	-	nose rights	in the subject lease wl	hich would	d entitle the
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, n of the United States any false, fictitious or fraudulent statements					any departr	ment or agency
GCP Rec 1/11/19	win WI	TH CONDIT	IONS	KB,	111/19	1

(Continued on page 2)

APPNOVAL Date: 12/21/2018

*(Instructions on page 2)

INSTRUCTIONS

GENERAL: This form is designed for submitting proposals to perform certain well operations, as indicated on Federal and Indian lands and leases for action by appropriate Federal agencies, pursuant to applicable Federal laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from local Federal offices.

ITEM I: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable Federal regulations concerning subsequent work proposals or reports on the well.

ITEM 4: Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local Federal offices for specific instructions.

ITEM 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on the reverse side, showing the roads to, and the surveyed location of, the wen, and any other required information, should be furnished when required by Federal agency offices.

ITEMS 15 AND 18: If well is to be, or has been directionany drilled, give distances for subsurface location of hole in any present or objective productive zone.

ITEM 22: Consult applicable Federal regulations, or appropriate officials, concerning approval of the proposal before operations are started.

ITEM 24: If the proposal will involve hydraulic fracturing operations, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The Privacy Act of 1974 and regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 25 U.S.C. 396; 43 CFR 3160

PRINCIPAL PURPOSES: The information will be used to: (1) process and evaluate your application for a permit to drill a new oil, gas, or service wen or to reenter a plugged and abandoned well; and (2) document, for administrative use, information for the management, disposal and use of National Resource Lands and resources including (a) analyzing your proposal to discover and extract the Federal or Indian resources encountered; (b) reviewing procedures and equipment and the projected impact on the land involved; and (c) evaluating the effects of the proposed operation on the surface and subsurface water and other environmental impacts.

ROUTINE USE: Information from the record and/or the record win be transferred to appropriate Federal, State, and local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecution, in connection with congressional inquiries and for regulatory responsibilities.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if you elect to initiate a drilling or reentry operation on an oil and gas lease.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM conects this information to anow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases. This information will be used to analyze and approve applications. Response to this request is mandatory only if the operator elects to initiate drilling or reentry operations on an oil and gas lease. The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Conection Clearance Officer (WO-630), 1849 C Street, N.W., Mail Stop 401 LS, Washington, D.C. 20240.

Additional Operator Remarks

Location of Well

 SHL: SENE / 2640 FNL / 1115 FEL / TWSP: 25S / RANGE: 32E / SECTION: 3 / LAT: 32.159538 / LONG: -103.657713 (TVD: 0 feet, MD: 0 feet) PPP: SENE / 2970 FNL / 330 FEL / TWSP: 25S / RANGE: 32E / SECTION: 3 / LAT: 32.158638 / LONG: -103.655191 (TVD: 10748 feet, MD: 18093 feet) BHL: SESE / 100 FSL / 330 FEL / TWSP: 25S / RANGE: 32E / SECTION: 10 / LAT: 32.138045 / LONG: -103.655286 (TVD: 10748 feet, MD: 18093 feet)

BLM Point of Contact

Name: Priscilla Perez Title: Legal Instruments Examiner Phone: 5752345934 Email: pperez@blm.gov

Review and Appeal Rights

A person contesting a decision shall request a State Director review. This request must be filed within 20 working days of receipt of the Notice with the appropriate State Director (see 43 CFR 3165.3). The State Director review decision may be appealed to the Interior Board of Land Appeals, 801 North Quincy Street, Suite 300, Arlington, VA 22203 (see 43 CFR 3165.4). Contact the above listed Bureau of Land Management office for further information.

ONSHORE ORDER NO. 1 Chevron USA Inc CO Grizzly 3 27 FED 005 5H Lea County, NM

1. FORMATION TOPS

The estimated tops of important geologic markers are as follows:

FORMATION	SUB-SEA TVD	KBTVD	MD
Rustler		850	
Castile		3510	
Lamar		4737	
Bell Canyon		4810	
Cherry Canyon		5700	
Brushy Canyon		7090	
Bone Spring Limestone		8710	
Upr. Avalon		8820	
Top Bone Spring 1		9700	
Top Bone Spring 2		10337	
Estimated Target TVD		10748	
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2. ESTIMATED DEPTH OF WATER, OIL, GAS & OTHER MINERAL BEARING FORMATIONS

The estimated depths at which the top and bottom of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered are as follows:

Substance	Formation	Depth
Deepest Exp	ected Base of Fresh Water	750
Water	Rustler	850
Water	Bell Canyon	4810
Water	Cherry Canyon	5700
Oil/Gas	Brushy Canyon	7090
Oil/Gas	Bone Spring Limestone	8710
Oil/Gas	Upr. Avalon	8820
Oil/Gas	Top Bone Spring 1	9700
Oil/Gas	Top Bone Spring 2	10337
Oil/Gas	Estimated Target TVD	10748

All shows of fresh water and minerals will be reported and protected.

3. BOP EQUIPMENT

Will have a minimum of a 5000 psi rig stack (see proposed schematic) for drill out below surface casing. . Stack will be tested as specified in the attached testing requirements. Batch drilling of the surface, intermediate, and production will take place. A full BOP test will be performed unless approval from BLM is received otherwise.

Chevron requests a variance to use a FMC UHS Multibowl wellhead, which will be run through the rig foor on surface casing. BOPE will be nippled up and tested after cementing surface casing. Subsequent tests will be performed as needed, not to exceed 30 days. The field report from FMC and BOP test information will be provided in a subsequent report at the end of the well. Please see the attached wellhead schematic. An installation manual has been placed on file with the BLM office and remains unchanged from previous submittal.

4. CASING PROGRAM

a. The proposed casing program will be as follows:

Purpose	From	То	Hole Size	Csg Size	Weight	Grade	Thread	Condition
Surface	0'	870'	17-1/2"	13-3/8"	55 #	J55	STC	New
Intermediate	O'	4,880'	12-1/4"	9-5/8"	43.5#	L80	LTC	New
Production	0'	18,093'	8-1/2"	5-1/2"	20.0 #	P-110	TXP BTC	New

b. Casing design subject to revision based on geologic conditions encountered.

C. ***A "Worst Case" casing design for wells in a particular area is used below to calculate the Casing Safety Factors. If for any reason the casing design for a particular well requires setting casing deeper than the following "worst case" design, then the Casing Safety Factors will be recalculated & sent to the BLM prior to drilling.

d. Chevron will fill casing at a minimum of every 20 jts (840') while running for intermediate and production casing in order to maintain collapse SF.

SF Calculations based on the following "Worst Case" casing design:

Surface Casing:	870			
Intermediate Casing:	4,790' TVD			
Production Casing:	18,093' MD	/10,748' TVD (7,811' VS (@ 90 deg inc)	
Casing String	Min SF Burst	Min SF Collapse	Min SF Tension	Min SF Tri-Axial
Surface	5.46	2.84	5.94	4.92
Intermediate	2.19	4.31	3.51	2.69
Production	1.11	2.10	2.16	1.29

Min SF is the smallest of a group of safety factors that include the following considerations:

		Surf	Int	Prod
Burst Design				
Pressure Test- Surface, Int, Prod Csg		X	X	X
P external:	Water			
P internal:	Test psi + next section heaviest mud in csg			
Displace to Gas- Surf	Csg	X		
P external:	Water			
P internal:	Dry Gas from Next Csg Point			
Frac at Shoe, Gas to	Surf- Int Csg		X	
P external:	Water			
P internal:	Dry Gas, 11.4 ppg Frac Gradient			
Stimulation (Frac) Pre	essures- Prod Csg			X
P external:	Water			
P internal:	Max inj pressure w/ heaviest injected fluid			
Tubing leak- Prod Cs	g (packer at KOP)			X
P external:	Water			
P internal:	Leak just below surf, 8.7 ppg packer fluid			
Collapse Design				
Full Evacuation		X	X	X
P external:	Water gradient in cement, mud above TOC			
P internal:	none			
Cementing- Surf, Int,	Prod Csg	X	Х	X
P external:	Wet cement			
P internal:	water			
Tension Design				
100k lb overpull		X	X	X

5. CEMENTING PROGRAM

Slurry	Туре	Тор	Bottom	Weight	Yield	%Excess	Sacks	Water
Surface				(ppg)	(sx/cu ft)	Open Hole		gal/sk
Tail	Class C	0'	870'	14.8	1.34	50	733	6.40
Intermediate		· · · · · ·	1		T	, ,		
Lead	50/50 POZ/C	0'	4,280'	11.9	2.43	150	1009	13.75
Tail	Class C	4,280'	4,880'	14.8	1.33	85	290	6.38
Production								
* Lead	Class C	4,380'	11,000'	11.9	2.46	50	906	14.05
1st Tail	Class C	11,000'	17,093'	14.8	1.34	35	1415	6.36
2nd Tail	Acid Soluble/Class H	17,093'	18,093'	15	2.19	0	105	9.54

1. Final cement volumes will be determined by caliper.

2. Surface casing shall have at least one centralizer installed on each of the bottom three joints starting with the shoe joint.

3. Production casing will have one horizontal type centralizer on every joint for the first 1000' from TD, then every other joint to EOB, and then every third joint to KOP. Bowspring type centralizers will be run from KOP to intermediate casing.

6. MUD PROGRAM

From	То	Туре	Weight	F. Vis	Filtrate
0'	870'	Spud Mud	8.3 - 8.7	32 - 34	NC - NC
870'	4,880'	Brine	9.5 - 10.2	28 - 30	NC - NC
4,880'	18,093'	Oil Based Mud	8.3 - 9.6	70 - 75	15 - 25

A closed system will by utilized consisting of above ground steel tanks. All wastes accumulated during drilling operations will be contained in a portable trash cage and removed from location and deposited in an approved sanitary landfill. Sanitary wastes will be contained in a chemical porta-toilet and then hauled to an approved sanitary landfill.

All fluids and cuttings will be disposed of in accordance with New Mexico Oil Conservation Division rules and regulations.

A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, filtration, and pH.

Visual mud monitoring equipment shall be in place to detect volume changes indicating loss or gain of circulating fluid volume. When abnormal pressures are anticipated -- a pit volume totalizer (PVT), stroke counter, and flow sensor will be used to detect volume changes indicating loss or gain of circulating fluid volume.

A weighting agent and lost circulating material (LCM) will be onsite to mitigate pressure or lost circulation as hole conditions dictate.

7. TESTING, LOGGING, AND CORING

The anticipated type and amount of testing, logging, and coring are as follows:

- a. Drill stem tests are not planned.
- b. The logging program will be as follows:

TYPE	Logs	Interval	Timing	Vendor
Mudlogs	2 man mudlog	Int Csg to TD	Drillout of Int Csg	TBD
LWD	MWD Gamma	Int. and Prod. Hole	While Drilling	TBD

c. Conventional whole core samples are not planned.

d. A Directional Survey will be run.

8. ABNORMAL PRESSURES AND HYDROGEN SULFIDE

a. No abnormal pressures or temperatures are expected. Estimated BHP is: 5912 psi

b. Hydrogen sulfide gas is not anticipated. An H2S Contingency plan is attached with this APD in the event that H2S is encountered