District C753 39-5461 Energy, Minerals and Natural Resources Revised Inty IS, 2013 Energy C753 N Frees Br., Elebos, NN 885-240 Energy C753 N Frees Br., Elebos, NN 87505 Energy En	Ceined by Opp Po Appropriate Bistrict 27 I	PM State of N	New Mexico	Form C-103 of
SIL S. Firs. S., Annesia, NAI 882300 DIL CONNEW AT TUND IN SION	<u>District I</u> – (575) 393-6161 1625 N. French Dr., Hobbs, NM 88240	Energy, Minerals a	WELL API NO.	
District III - (369) 334-4178 1220 South St. Francis Dr. STATTR FEE		OIL CONSERVA	ATION DIVISION	
Dashert VStoy Jr. S400 Santa Fe, NM 87505 6. State Oil & Gas Lease No.	<u>District III</u> – (505) 334-6178	1220 South	St. Francis Dr.	
120.6 S. Francis Dr., Saura Fe, NM STORE SUNDRY NOTICES AND REPORTS ON WELLS T. Lease Name or Unit Agreement Name NMNN027887		Santa Fe,	NM 87505	
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DIFFERENT RESERVOIR. USB "APPLICATION FOR PENNIT" (FORM C-IDI) FOR SUCH	SUNDRY NOT			7. Lease Name or Unit Agreement Name
Reoff New Other Set Se	*			NMNM027887
2. Name of Operator	PROPOSALS.)	_		8 Well Number D 11 D 112
Section Sect		Gas Well Other		
4. Well Location Unit Letter P: 660 feet from the S line and 660 feet from the Scction 20 Township 98 Range 38E NMPM County Lea 11. Elevation (Show whether DR. RKB, RT, GR, etc.) 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUG AND ABANDON CASING OF AND A LITERING OF A LITERIN	Z. Name of Operator KEM Ventures LP			
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12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON CHANGE PLANS PLUG AND ABANDON PLUG AND ABANDON PLUG AND ABANDON PAND A COMMENCE DEBILLING OPNS. PAND A CASING/CEMENT JOB PAND A P		icct from the	~	neet from thenine
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NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PAND A PULL OR ALTER CASING MULTIPLE COMPL CASING/CEMENT JOB PAND A		`		
Tag (Top Salt); Perf @ 455' Sqz cmt to 355'(Shoe); Perf 160 Sqz cmt to surf; Erect Dry Hole Marker (Below Ground Level DHM SUBJECT TO LIKE	NOTICE OF IN PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING DOWNHOLE COMMINGLE CLOSED-LOOP SYSTEM OTHER: 13. Describe proposed or comp of starting any proposed we proposed completion or rec KEM Ventures is planning to Will notify 24 hours prior to tl Please see below for P&A pro Set CIBP in 4 1/2 casing @	PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPL Releted operations. (Clearly sork). SEE RULE 19.15.7.1 ompletion. plug Bell B #2 before April ne work. gram: 4850; Loaded hole w/9# se	SUE REMEDIAL WOR COMMENCE DE CASING/CEMEN OTHER: state all pertinent details, as 4 NMAC. For Multiple Co	BSEQUENT REPORT OF: RK
hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE		. , , , , , , , , , , , , , , , , , , ,	•	NMOCD
SIGNATURE	Spud Date:	Rig Re	elease Date:	
Type or print name E-mail address: PHONE: For State Use Only	I hereby certify that the information	above is true and complete	to the best of my knowled	lge and belief.
For State Use Only	SIGNATURE	TITLI	E	DATE
A PRINCIPED DAY.	Type or print name For State Use Only	E-mai	il address:	PHONE:
	A DDD OVED DV	myrry v	,	DATE



U.S. Department of the Interior BUREAU OF LAND MANAGEMENT



Well Name: BELL B FED

Well Location: T9S / R38E / SEC 20 /

SESE /

County or Parish/State: LEA /

Well Number: 02

Type of Well: CONVENTIONAL GAS

WELL

Allottee or Tribe Name:

Lease Number: NMNM027887

Unit or CA Name:

Unit or CA Number:

US Well Number: 300250706600S1

Well Status: Producing Gas Well

Operator: KEM VENTURES LP

Notice of Intent

Type of Submission: Notice of Intent

Type of Action Plug and Abandonment

Date Sundry Submitted: 03/16/2021

Time Sundry Submitted: 04:30

Date proposed operation will begin: 06/16/2021

Procedure Description: 1. Set CIBP in 4-1/2" csg @ 4850. 2. Load hole w/ 9# salt gel mud. 3. Spot 25 sx Class C cmt plug from 4850-4670. Add plug from 4230-4080' (top San Andres). WOC tag. Add plug, perf @ 2390' attempt to sqz cmt from 2390-2270'. WOC and tag. (top salt). Add plug, Perf @ 455, sqz cmt to 355' (shoe), WOC tag. 4. Perf @ 160', sqz cmt to surface. 5. Erect Dry Hole Marker (Below Ground Level DHM).

Surface Disturbance

Is any additional surface disturbance proposed?: No

Oral Submission

Oral Notification Date:

Feb 5, 2021

Oral Notification Time:

12:00 AM

Contacted By:

Hang Yeh

BLM Point of Contact

BLM POC Name: JAMES A AMOS

BLM POC Phone: 5752345927

Disposition: Approved

Signature: James A. Amos

BLM POC Title: Acting Assistant Field Manager

BLM POC Email Address: jamos@blm.gov

Disposition Date: 03/16/2021

SEE ATTACHED FOR CONDITIONS OF APPROVAL

See Changes

Form 3160-5 (June 2019)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: October 31, 202

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

abandoned well. Use Form 3160-3 (APD) for such proposals.	
SUBMIT IN TRIPLICATE - Other instructions on page 2	7. If Unit of CA/Agreement, Name and/or No.
	8. Well Name and No. Bell B Federal 2
2. Name of Operator KEM Ventures LP	9. API Well No. 30-025-07066
3a. Address 12651 Briar Forest Dr., STE 151, Houston, Texas 77077 3b. Phone No. (include area code)	10. Field and Pool or Exploratory Area San Andres
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) 660 FS&EL, Unit P, Sec 20, T-9-S, R-37-E	11. Country or Parish, State Lea Co. New Mexico
12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTI	CE, REPORT OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACT	TION
Alter Casing Hydraulic Fracturing Recta	uction (Start/Resume) Water Shut-Off amation Well Integrity omplete Other
Subsequent Report	porarily Abandon or Disposal
2. Loaded hole w/9# salt gel mud 3. Set 26 sack Class "A" Cément plug from 4,670'-4,850' 4. Set 26 sack Class "A" Cement plug from surface to 160' 5. Erected dry hole markers. 8-5/8" and 4-1/2" casing strings will remain intact.	e been completed and the operator has detennined that the site
Signature Hang Gah Date	02/05/2021
THE SPACE FOR FEDERAL OR STATE OF	FICE USE
Approved by Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office CCC Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and will applicant to conduct operations as to any matter within its jurisdiction.	Date 3-16-21

(Instructions on page 2)

feet @ 160 Spz ent to Sarf 200 SX cmt Top Surt, Pert @ 455. SQZ conf to 8 5/8' set @ 405' 355 was Tay Shoe Pert 2390 SQZ ent 2270 T/selt 2370 wor Tag T/cost B/satt 4180 San Andres 4180 Spot 25 SX tran 4230-4080 Top SH, wor Tog 235 SX Cmi Spot 25 Sx min from 4850-4670. WOCTES TOP ? Perfs 4877-4900 4/2" set @ 4/997 4950-4966 J. Anos 3-16-21 575-361-2648

BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

Permanent Abandonment of Federal Wells Conditions of Approval (LPC Habitat)

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within <u>ninety (90)</u> days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

- 2. <u>Notification:</u> Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.
- 3. <u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
- 4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.
- 5. <u>Cement Requirement</u>: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Below Ground Level Cap (Lesser Prairie-Chicken Habitat): All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off. Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least ½ inch thick and welded in place. A weep hole shall be left in the plate and/or casing.

NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

- 7. <u>Subsequent Plugging Reporting:</u> Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. <u>Show date well was plugged.</u>
- 8. <u>Trash:</u> All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

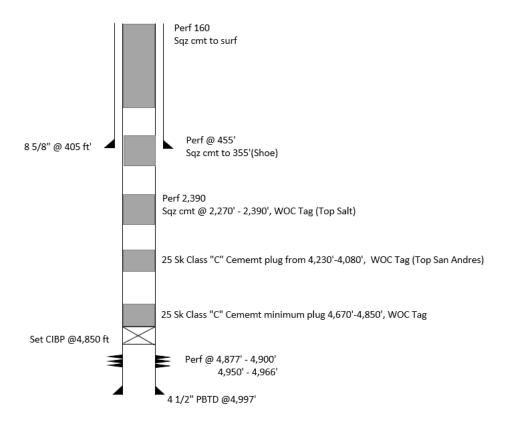
Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.

<u>Timing Limitation Stipulation/ Condition of Approval for Lesser Prairie-Chicken:</u>
From March 1st through June 15th annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted

WELL DATA

OPERAT	OR	Manhatta	n Petroleun	Inc	LF	ASE	Bell B Federal	WFI	L No. 2
FIELD		Sawyer (San Andre		ELEVATIONS			DF GL:		TD: 4,997
LOCATIO	ON 660 FS&1				O. 11D				PBTD: 4,995
LOCATION _660 FS&EL, Unit P, Sec 20, T-9-S, R-37-E, Lea County, NM API #: 30-025-07066 PBTD: 4,995 COMPLETION DATE FORMATION: San Andres I.P: F: 10 BO, 920 MCF & 2 BWPD on 26/64 @ unknown psi									
DIRECTI				380. Turn left [N] on B					
	// mi & turn S	outh @ novt road Fo	llow main r	oad thru two 90 deg tur	ma than	tolso let left	tum Co 1.5 mi E	East & 1/2 mi Car	uth to let well
Go East 1/	4 III. & turn St	outil a liext road. Po	now main i	bad tillu two 90 deg tul		GPS Coor		33.51426 Lo	
	000 00 1	115/05/55				AND DESCRIPTION OF THE PERSON NAMED IN			ng: -103.06425
HOLE	CSG OD	WT/ GRADE	DEPTH			CEME	NT REMARK	S	
12-1/4	8-5/8	32#/ J-55	389	300 sx regular					
7-7/8	4-1/2	9.5#/ J-55	4997	235 sx					
V	VELL BORE	DIAGRAM	FOR	MATION TOPS	DEI	PTHS	SHOWS	S PERFS R	EMARKS
DEP	THS C	4 2-3/8 4.7# J55	1014		KB	Sub-sea	0110110	J TENIO II	END THE
DLI	1115	2-3/6 4.7# 333	Salt				KB Corre	ction: 7.5 ft,	KB - GL
12-1/4	" hole		Yates						
	*		Queen						
	389	8-5/8 32#	Grayburg	5					
~		300 sx	San And						
	- 11		Pi Marke						
	- 11	11 1	P-1 [S.A.	Porosity]					
	- 11		P-2						
	- 11	7-7/8 hole	P-3 [Oil	/Water Contact]					
	- 11		EQUIPME	NT INVENTORY:					
TOC: 2	500		Pump-iac	ck: DD-80 Emsco. 12,	800 max	load, Strok	e lengths: 28-38-4	18	
	•	lh i	Moto		oo mar	Todai Stron	v renganor zo co		
	111		Rods:	194- 3/4" D-rods					
	- 111			2 x 1-1/4 x 12 RWBC					
		/ Tbg Depth		162 joints 2-3/8 EUE		w/ SN @	4902 4' perfd sub	on T/29 ft mud	anchor, collar & bp
4	939	J A				Hinderliter	1702, 1 peria suo	on 17 25 it mad	unenor, contar ec op.
TD: 4	1997	4-1/2 J55	Battery:				nk SW Tank: 28	0 bbl F G tank 4	x 10 Sivalls O-G-W
10.	1007	9.5# 125 SX		er Separator " mfg 1963					
				or separator mig 1700	o. oize ivi		in [r.w.k.o.j.r	ids i b e en editali	ng pamp.
DATE	INTERVALS			WELL HISTOI	PV			BEFORE	AFTER
01-18-61	4932-4954		al "MEC 150						
01-16-01	4932-4934	Acidized w/ 500 g	al MEC 137	% & 10,500 gal 15% XLS	51			IP	10 BO & 920 MCFD
	4932-54								
01-06-06	4968-5000	Cleaned out, re-pe	erfd old & sho	ot new perfs [343 cal/ft]	. Treated	all pfs w/ 12,	000g 70-Q QO	1.3 bo, 5 mcfd	P: 12 bo, 47 mcfd
	4700-3000								
03-23-06	4932-5000	Fluid level was @ 5	5000' Well n	umning off					6 bo, 9.6 bw, 21mcfd
05 25 00	1702 5000	Train tever was to	occo. Wen p	amping on.					0 00, 7.0 0W, 21Meta
COMMENTS: Well shut down w/ pump failure or hole in tbg, on 7/22/06. Waiting on rig.									
JOIMIN		mar do mi w pump	Landie of In	in tog, on Tradition.	untilig (
								CD DV:	DDV
							PR	REP BY:	RDY
								DATE:	7/25/06

Bell B P&A Program Design



- 1 Set CIBP in 4 1/2 casing @ 4850
- 2 Loaded hole w/9# salt gel mud
- 3 25 Sk Class "C" Cememt minimum plug 4,670'-4,850', WOC Tag
- 4 25 Sk Class "C" Cememt plug from 4,230'-4,080', WOC Tag (Top San Andres)
- 5 Perf 2,390

Sqz cmt @ 2,270' - 2,390', WOC Tag (Top Salt)

6 Perf @ 455'

Sqz cmt to 355'(Shoe)

7 Perf 160

Sqz cmt to surf

8 Erect Dry Hole Marker (Below Ground Level DHM)

Bell B P&A Program Plan

- 1. Set CIBP in 4 1/2 casing @ 4,850'
- 2. Loaded hole w/9# salt gel mud
- 3. 25 Sk Class "C" Cememt minimum plug 4,670'-4,850', WOC Tag
- 4. 25 Sk Class "C" Cememt plug from 4,230'-4,080', WOC Tag (Top San Andres)
- 5. Perf 2,390; Sqz cmt @ 2,270' 2,390', WOC Tag (Top Salt)
- 6. Perf @ 455'; Sqz cmt to 355'(Shoe)
- 7. Perf 160; Sqz cmt to surf
- 8. Erect Dry Hole Marker (Below Ground Level DHM)

CONDITIONS OF APPROVAL FOR PLUGGING AND ABANDONMENT OCD - Southern District

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, Notify NMOCD District Office I (Hobbs) at (575)-263-6633 at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down.

Company representative will be on location during plugging procedures.

- **1.** A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
- **2.** Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
- **3.** Trucking companies being used to haul oilfield waste fluids to a disposal commercial or private- shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
- 4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
- **5.** A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can +be released.
- **6.** If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
- 7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
- **8.** Produced water will not be used during any part of the plugging operation.
- 9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
- **10.** All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
- 11. Class 'C' cement will be used above 7500 feet.
- 12. Class 'H' cement will be used below 7500 feet.
- **13.** A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged
- **14.** All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.
- **16.** When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
- 17. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.
- **18.** A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, (WOC 4 hrs and tag).

- 19. No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.
- 20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
- A) Fusselman
- B) Devonian
- C) Morrow
- D) Wolfcamp
- E) Bone Springs
- F) Delaware
- G) Any salt sections
- H) Abo
- I) Glorieta
- J) Yates.
- K) Potash---(In the R-111-P Area (Potash Mine Area),

A solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, woe 4 hours and tag, this plug will be SO' below the bottom and 50' above the top of the Formation.

21. If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, woe and tagged. These plugs will be set SO' below formation bottom to 50' above formation top inside the casing.

DRY HOLE MARKER REQ.UIRMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

- 1. Operator name
- 2. Lease and Well Number
- 3. API Number
- 4. Unit letter
- 5. Quarter Section (feet from the North, South, East or West)
- 6. Section, Township and Range
- 7. Plugging Date
- 8. County

SPECIAL CASES ----AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION

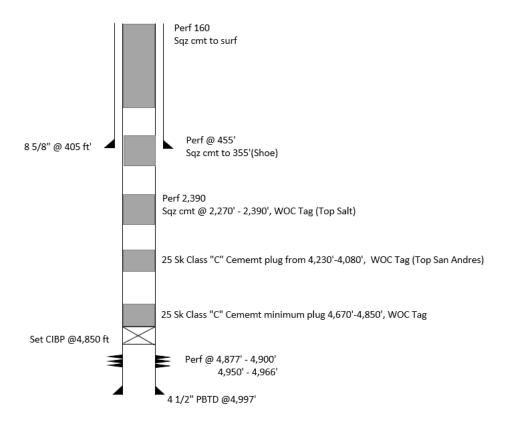
Bell B P&A Program Plan

- 1. Set CIBP in 4 1/2 casing @ 4,850'
- 2. Loaded hole w/9# salt gel mud
- 3. 25 Sk Class "C" Cememt minimum plug 4,670'-4,850', WOC Tag
- 4. 25 Sk Class "C" Cememt plug from 4,230'-4,080', WOC Tag (Top San Andres)
- 5. Perf 2,390; Sqz cmt @ 2,270' 2,390', WOC Tag (Top Salt)
- 6. Perf @ 455'; Sqz cmt to 355'(Shoe)
- 7. Perf 160; Sqz cmt to surf
- 8. Erect Dry Hole Marker (Below Ground Level DHM)

WELL DATA

OPERAT	OR	Manhatta	n Petroleum	Inc	LE	ASE	Bell B Federal	WEI	L No. 2
FIELD		Sawyer (San Andre		ELEVATION:	S. KB		OF GL		TD: 4,997
	ON 660 FS&1								
LOCATION 660 FS&EL, Unit P, Sec 20, T-9-S, R-37-E, Lea County, NM API #: 30-025-07066 PBTD: 4,995 COMPLETION DATE FORMATION: San Andres I.P: F: 10 BO, 920 MCF & 2 BWPD on 26/64 @ unknown psi BWPD on 26/64 @ unknown psi									
DIRECTIONS From Tatum NM, go 4 mi. E. on US 380. Turn left [N] on Bledsoe hwy [125], to pass mile marker 21. Turn right thru next cattle guard									
	/4 mi & turn S	outh @ next road Fo	llow main r	oad thru two 90 deg tu	enc. then	toko let left	turn Co 1.5 mi I	Cost & 1/2 mi So	uth to let well
Go East 1	74 IIII. & turii 30	outil w liext road. Po	now main re	bad tillu two 90 deg tul		GPS Coor		33.51426 Lo	
LIOLE	000 00 1	WELODADE	DEDTIL				The second secon		ng103.00423
HOLE	CSG OD	WT/ GRADE	DEPTH	1200		CEME	NT REMARK	S	
12-1/4	8-5/8	32#/ J-55	389	300 sx regular					
7-7/8	4-1/2	9.5#/ J-55	4997	235 sx					
V	VELL BORE	DIAGRAM	FORI	MATION TOPS		PTHS	SHOWS	S PERFS R	EMARKS
DEP	THS	4 2-3/8 4.7# J55			KB	Sub-sea			
			Salt				KB Corre	ction: 7.5 ft,	KB - GL
12-1/4	" hole		Yates						
١,		[] [Co.5/0.00#]	Queen						
	389	8-5/8 32# 300 sx	Grayburg						
	- 11		San Andı						
	- 11	H	Pi Marke						
	- 11			Porosity]					
	- 11		P-2	W. C					
	- 11	7-7/8 hole		Water Contact]		and the state of t			
				NT INVENTORY:					
TOC: 2	2500		Pump-jac	ck: DD-80 Emsco. 12,	800 max	load. Strok	e lengths: 28-38-4	18	
			Moto						
	ll l		Rods:	194- 3/4" D-rods					
	- 111			2 x 1-1/4 x 12 RWBC					
	939	Tbg Depth		162 joints 2-3/8 EUE			4902, 4' perfd sub	on T/29 ft mud	anchor, collar & bp.
4	939 [Compani			Hinderliter			
TD:	1997	4-1/2 J55	Battery:						x 10 Sivalls O-G-W
		9.5# 125 SX	"Mete	er Separator " mfg 1963	3. Size M	WKV-410	HF [F.W. K.O.]. I	las A/C circulati	ng pump.
DATE	INTERVALS	3		WELL HISTO	RY			BEFORE	AFTER
01-18-61	4932-4954	Acidized w/ 500 g	gal "MEC 15%	% & 10,500 gal 15% XLS	ST			IP	10 BO & 920 MCFD
01-06-06	4932-54	Cleaned out re-ne	orfd old & she	ot new perfs [343 cal/ft]	Treated	all nfe w/ 12	000g 70-O CO	1.3 bo, 5 mcfd	P: 12 bo, 47 mcfd
01-00-00	4968-5000	Cleaned out, re-pe	and old & sinc	or new peris [545 cai/it]	. ITCatcu	an pis w/ 12,	000g 70-Q QO	1.5 00, 5 meta	1. 12 00, 47 meta
03-23-06	4932-5000	Fluid level was @ :	5000'. Well p	umping off.					6 bo, 9.6 bw, 21mcfd
COMM	ENTS: W.II	abut dans out our	failure 1	alo in the on 7/22/04	Waitin	n ric			
COMM	ENIS: Well	snut down w/ pump	iallure or ho	ole in tbg, on 7/22/06.	waiting o	n rig.			
							PF	REP BY:	RDY
								DATE:	7/25/06
rdy_WelDat									

Bell B P&A Program Design



- 1 Set CIBP in 4 1/2 casing @ 4850
- 2 Loaded hole w/9# salt gel mud
- 3 25 Sk Class "C" Cememt minimum plug 4,670'-4,850', WOC Tag
- 4 25 Sk Class "C" Cememt plug from 4,230'-4,080', WOC Tag (Top San Andres)
- 5 Perf 2,390

Sqz cmt @ 2,270' - 2,390', WOC Tag (Top Salt)

6 Perf @ 455'

Sqz cmt to 355'(Shoe)

7 Perf 160

Sqz cmt to surf

8 Erect Dry Hole Marker (Below Ground Level DHM)



U.S. Department of the Interior BUREAU OF LAND MANAGEMENT



Well Name: BELL B FED

Well Location: T9S / R38E / SEC 20 /

SESE /

County or Parish/State: LEA /

Well Number: 02

Type of Well: CONVENTIONAL GAS

WELL

Allottee or Tribe Name:

Lease Number: NMNM027887

Unit or CA Name:

Unit or CA Number:

US Well Number: 300250706600S1

Well Status: Producing Gas Well

Operator: KEM VENTURES LP

Notice of Intent

Type of Submission: Notice of Intent

Type of Action Plug and Abandonment

Date Sundry Submitted: 03/16/2021

Time Sundry Submitted: 04:30

Date proposed operation will begin: 06/16/2021

Procedure Description: 1. Set CIBP in 4-1/2" csg @ 4850. 2. Load hole w/ 9# salt gel mud. 3. Spot 25 sx Class C cmt plug from 4850-4670. Add plug from 4230-4080' (top San Andres). WOC tag. Add plug, perf @ 2390' attempt to sqz cmt from 2390-2270'. WOC and tag. (top salt). Add plug, Perf @ 455, sqz cmt to 355' (shoe), WOC tag. 4. Perf @ 160', sqz cmt to surface. 5. Erect Dry Hole Marker (Below Ground Level DHM).

Surface Disturbance

Is any additional surface disturbance proposed?: No

Oral Submission

Oral Notification Date:

Feb 5, 2021

Oral Notification Time:

12:00 AM

Contacted By:

Hang Yeh

BLM Point of Contact

BLM POC Name: JAMES A AMOS

BLM POC Phone: 5752345927

Disposition: Approved

Signature: James A. Amos

BLM POC Title: Acting Assistant Field Manager

BLM POC Email Address: jamos@blm.gov

Disposition Date: 03/16/2021

SEE ATTACHED FOR CONDITIONS OF APPROVAL

See Changes

Form 3160-5 (June 2019)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2021

5. Lease Serial No.

NMNM027887

6. If Indian, Allottee or Tribe Name

SUNDRY	NOTICES AND	REPORTS O	N WELLS
Do not use this	form for prop	osals to drill o	or to re-enter an

abandoned well. Use Form 3160-3 (APD) for such proposals.	
SUBMIT IN TRIPLICATE - Other instructions on page 2	7. If Unit of CA/Agreement, Name and/or No.
	8. Well Name and No. Bell B Federal 2
2. Name of Operator KEM Ventures LP	9. API Well No. 30-025-07066
3a. Address 12651 Briar Forest Dr., STE 151, Houston, Texas 77077 3b. Phone No. (include area code)	10. Field and Pool or Exploratory Area San Andres
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) 660 FS&EL, Unit P, Sec 20, T-9-S, R-37-E	11. Country or Parish, State Lea Co. New Mexico
12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTI	CE, REPORT OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACT	TION
Alter Casing Hydraulic Fracturing Recta	uction (Start/Resume) Water Shut-Off amation Well Integrity omplete Other
Subsequent Report	porarily Abandon or Disposal
2. Loaded hole w/9# salt gel mud 3. Set 26 sack Class "A" Cément plug from 4,670'-4,850' 4. Set 26 sack Class "A" Cement plug from surface to 160' 5. Erected dry hole markers. 8-5/8" and 4-1/2" casing strings will remain intact.	e been completed and the operator has detennined that the site
Signature Hang Gah Date	02/05/2021
THE SPACE FOR FEDERAL OR STATE OF	FICE USE
Approved by Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office CCC Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and will applicant to conduct operations as to any matter within its jurisdiction.	Date 3-16-21

(Instructions on page 2)

feet @ 160 Spz ent to Sarf 200 SX cmt Top Surt, Pert @ 455. SQZ conf to 8 5/8' set @ 405' 355 was Tay Shoe Perf 2390 SQZ ent 2270 T/selt 2370 woc Tag T/colf B/satt 4180 San Andres 4180 Spot 25 SX tran 4230-4080 Top SH, wor Tog Spot 25 Sx min from 4850-4670. woc Tag set CIBP@ 4850 235 SX Cmi TOF ? Perfs 4877-4900 4/2' set @ 4997 4950-4966 J. Anos 3-16-21

575-361-2648

BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

Permanent Abandonment of Federal Wells Conditions of Approval (LPC Habitat)

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within <u>ninety (90)</u> days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

- 2. <u>Notification</u>: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.
- 3. <u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
- 4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.
- 5. <u>Cement Requirement</u>: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Below Ground Level Cap (Lesser Prairie-Chicken Habitat): All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off. Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least ½ inch thick and welded in place. A weep hole shall be left in the plate and/or casing.

NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

- 7. <u>Subsequent Plugging Reporting:</u> Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. <u>Show date well was plugged.</u>
- 8. <u>Trash:</u> All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.

<u>Timing Limitation Stipulation/ Condition of Approval for Lesser Prairie-Chicken:</u>
From March 1st through June 15th annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted

District I
1625 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) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 30566

CONDITIONS

Operator:	OGRID:
KEM Ventures, LP	328213
22136 Westheimer Pkwy	Action Number:
Katy, TX 77450	30566
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Subject to like approval from BLM Federal well	6/28/2021