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

Sundry Print Report
02/23/2024

Well Name: BURCH KEELY UNIT	**Well Location:** T17S / R30E / SEC 18 / SESE /	**County or Parish/State:** EDDY / NM
Well Number: 27	**Type of Well:** OIL WELL	**Allottee or Tribe Name:**
Lease Number: NMLC028793A	**Unit or CA Name:** BURCH KEELY UNIT	**Unit or CA Number:** NMNM88525X
US Well Number: 3001504189	**Well Status:** Producing Oil Well	**Operator:** SPUR ENERGY PARTNERS LLC

Notice of Intent

Sundry ID: 2776463

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 02/23/2024

Time Sundry Submitted: 07:34

Date proposed operation will begin: 02/23/2024

Procedure Description: Our BKU 27 has a casing leak on surface, we need to get this well plugged as soon as possible. Please find procedure and WBDs attached for your review.

Approval Subject to General Requirements and Special Stipulations Attached

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

BKU__27_P_A_Submittal_20240223073420.pdf

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Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: SARAH CHAPMAN

Signed on: FEB 23, 2024 07:34 AM

Name: SPUR ENERGY PARTNERS LLC

Title: Regulatory Director

Street Address: 9655 KATY FREEWAY SUITE 500

City: HOUSTON **State:** TX

Phone: (281) 642-5503

Email address: SCHAPMAN@SPURENERGY.COM

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

Prescribed Conditions

Run Gauge ring to tag CIBP at 3807' and spot 25 sxs on top. WOC and Tag.

Burch Keely Unit #027 P&A Procedure

1. Set 7" CIBP @3090'. Spot 26 sx of Class C from 3090'-~~2990~~ 2940'. WOC & Tag.
2. ~~Spot 75~~ Perf and Squeeze (In 16 sxs/Out 12 sxs) sx of Class C cmt from ~~2785'-2635'.~~ 2780' to 2685'. WOC & Tag. (9-5/8" Shoe, Top of 7" cutoff) Spot cement from 2685' to 2608'. (26 sxs Class C) WOC and Tag.
3. Set 9-5/8" CIBP @ 2421'. Pressure test casing to 500 psi for 30 minutes. Run CBL from 2421'-surface.
4. Spot ~~50~~ 25 sx of Class C cmt from 2421'-~~2321~~ 2345'. WOC & Tag Perf and squeeze from 1175' to 944'. WOC and Tag. (In 76 sxs/Out 55 sxs)
5. Perf @ ~~410'~~ 544' and sqz ~~60 sx~~ (In 179 sxs/Out 147 sxs) of cmt from ~~410'-310'. WOC & Tag.~~ 544' to surface. Verify at surface. (13-3/8" Shoe)
6. ~~Spot 50 sx of Class C cmt from 100'-surface. (surface plug)~~
7. Verify cmt to surface on all annuli. Cutoff Wellhead. Weld on Below Ground Dryhole Marker.

Burch Keely Unit #027

API #	30-015-04189	County, ST	Eddy County, NM
Operator	Spur Energy Partners	Sec-Twn-Rng	18-17S-30E
Field	Grayburg Jackson; SR-Q-G-SA	Footage	660 FSL 660 FEL
Spud Date	2/28/1957	Survey	32.8291702, -104.004921

Formation (MD)	
San Andres	
Glorieta	
Yeso	
Bone Spring	
Wolfcamp	
Canyon	
Strawn	
Atoka	
Morrow	

RKB	
GL	3644

Hole Size	17-1/2"
TOC	
Method	

Csg Depth	360'
Size	13-3/8"
Weight	48
Grade	
Connections	
Cement	325 sx

Well History

Tubing Detail				
Jts	Size	Depth	Length	Detail
102	2-3/8"	3265	3265	Tubing
1	2-3/8"	3266.1	1.1	SN

Rod Detail					
Rods	Size	Depth	Length	Guides	Detail
1	1-1/4"	16	16		Polish Rod
4	7/8"	34	18		Pony Rods
129	3/4"	3259	3225		KD Rods
1	2"	3269	10		Pump

Hole Size	12-1/4"
TOC	Surface
Method	Calculated

Csg Depth	2735'
Size	9-5/8"
Weight	36
Grade	
Connections	
Cement	1450 sx

Bridge plug @ 3807' w/ 2 sx of cmt on top
7" casing cut and pulled @ 2685'

Last Update	2/21/2024
By	RCB

PBTD	3807'
TD MD	11422'
TD TVD	11422'

Perforations
2471'-2478'
2592'-2598'
3140'-3146'
3307'-3315'
3410'-3414'
3431'-3435'
3565'-3573'

Hole Size	7-7/8"
TOC	3260'
Method	Temp Survey

Csg Depth	2685'-4209'
Size	7"
Weight	23
Grade	
Connections	
Cement	300 sx

Csg Depth	4560'-7704'
Size	5-1/2"
Weight	
Grade	
Connections	
Cement	300 sx

5-1/2" casing cut and pulled 12/28/1956

25 sx cmt plug @ 7400'

API #	30-015-04189
Operator	Spur Energy Partners
Field	Grayburg Jackson; SR-Q-G-SA
Spud Date	2/28/1957

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P&A Procedure

Approval Subject to General Requirements

and Special Stipulations Attached

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Cement	300 sx

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3140'-3146'

3307'-3315'

3410'-3414'

3431'-3435'

3565'-3573'

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 **ninety (90)** 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. **Notification: 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 575-689-5981.**

3. Blowout Preventers: 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. Mud Requirement: 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. Cement Requirement: 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 BY PHONE (numbers listed under 2. Notification) 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 ¼ inch thick and welded in place. A weep hole shall be left in the plate and/or casing. The following information shall be permanently inscribed on the plate: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

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. Subsequent Plugging Reporting: 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. **Show date well was plugged.**

8. Trash: 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.

Timing Limitation Stipulation/ Condition of Approval for Lesser Prairie-Chicken:
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

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 E. Greene St.
Carlsbad, New Mexico 88220-6292
www.blm.gov/nm

In Reply Refer To: 1310

Reclamation Objectives and Procedures

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its pre-disturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any/all contaminants, scrap/trash, equipment, pipelines and powerlines (**Contact service companies, allowing plenty of time to have the risers and power lines and poles removed prior to reclamation, don't wait till the last day and try to get them to remove infrastructure)**. Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip (across the slope and seed as specified in the original APD COA. **This will apply to well pads, facilities, and access roads**. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.

2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.

3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.

4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you

have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.

6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.

7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos
Supervisory Petroleum Engineering Tech/Environmental Protection Specialist
575-234-5909 (Office), 575-361-2648 (Cell)

Arthur Arias
Environmental Protection Specialist
575-234-6230

Crisha Morgan
Environmental Protection Specialist
575-234-5987

Jose Martinez-Colon
Environmental Protection Specialist
575-234-5951

Mark Mattozzi
Environmental Protection Specialist
575-234-5713

Robert Duenas
Environmental Protection Specialist
575-234-2229

Doris Lauger Martinez
Environmental Protection Specialist
575-234-5926

Jaden Johnston
Environmental Protection Asst. (Intern)
575-234-6252

Sundry ID **2776463**

Plug Type	Top	Bottom	Length	Tag	Sacks	Cement Class	Notes
Surface Plug	0.00	100.00	100.00	Tag/Verify			
13.375 inch- Shoe Plug	297.49	401.00	103.51	Tag/Verify			
Top of Salt @ 494	439.06	544.00	104.94	Tag/Verify	326.00	C	Perf and squeeze cement from 544' to surface. Verify at surface. (In 179 sxs/Out 147 sxs)
Base of Salt @ 1005	944.95	1055.00	110.05	Tag/Verify			
Yates @ 1125	1063.75	1175.00	111.25	If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations	131.00	C	Perf and squeeze cement from 1175' to 944'. WOC and Tag. (In 76 sxs/Out 55 sxs)
CIBP Plug	2386.00	2421.00	35.00	If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations	25.00	C	Set CIBP at 2421'. Spot 25 sxs on top. WOC and Tag at 2345'. Run CBL.
Perforations Plug (If No CIBP)	2421.00	2648.00	227.00	Tag/Verify			
7" Casing Stub Top @ 2685	2608.15	2735.00	126.85	If solid			
9.625 inch- Shoe Plug	2648.74	2776.00	127.26	Tag/Verify			

San Andres @ 2730	2652.70	2780.00	127.30	If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations	54.00	C	Perf and squeeze from 2780' to 2685. WOC and Tag. (In 16 sxs/Out 12 sxs) Spot cement from 2685' to 2608'. 26 sxs WOC and Tag.
CIBP Plug	3055.00	3090.00	35.00	If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations	25.00	C	Set 7" CIBP at 3090'. Spot cement from top of CIBP to 2940'. WOC and Tag.
Perforations Plug (If No CIBP)	3090.00	3623.00	533.00	Tag/Verify			
CIBP Plug	3772.00	3807.00	35.00	If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations	25.00	C	Run Gauge ring to Tag CIBP at 3807' and spot 25 sxs on top. WOC and Tag.
7 inch- Shoe Plug	4116.91	4259.00	142.09	Tag/Verify			

No more than 2000' is to be allowed between plugs in open hole, and no more than 3000' between plugs in cased hole.
Class H >7500'
Class C<7500'

Fluid used to mix the cement in R111P shall be saturated with the salts common to the section penetrated, and in suitable proportions, but not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.

Medium, Secretary: Top of salt to surface If no salt take the deepest fresh water or Karst Depth

High, Critical: Bottom of Karst to surface or Deepest fresh water, whichever is greater
R111P: 50 Feet from Base of Salt to surface.

Class C: 1.32 ft^3/sx
Class H: 1.06 ft^3/sx

Onshore Order 2.III.G Drilling Abandonment Requirements: "All formations bearing usable-quality water, oil, gas, or geothermal resources, and/or a prospectively valuable deposit of minerals shall be protected.

Cave Karst/Potash Cement Requirement:	**Low**		
13.375 inch- Shoe Plug @	**351.00**		
9.625 inch- Shoe Plug @	**2726.00**	**TOC @**	**Unk**
7 inch- Shoe Plug @	**4209.00**	**TOC @**	**3260.00**
Perforatons Top @	**2471.00**	**Perforations**	**2598.00**
Perforatons Top @	**3140.00**	**Perforations**	**3573.00**
		CIBP @	**3807.00**
		CIBP @	**3090.00**
		CIBP @	**2421.00**

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
District IV
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

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 317140
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	A CBL must be run and submitted to OCD via OCD Permitting.	3/14/2024