OCD-ARTESIA



UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED
OMB No 1004-0137
Expires July 31, 2010

5. Lease Serial No.

LC-02	294	18 (a)	
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20 020110 (4)	DE
6. If Indian, Allottee or Tribe 1	RECEIVED

					Tribe Pant RECEIVED	
SUBMIT IN TRIPLICATE – Other instructions on page 2.				If Unit of CA/Agreer	ment, Name and/or No.	
1. Type of Well Oil Well Gas Well Other				Well Name and No. kelly Unit #37	JUL 2 1 2010 ment, Name and/or No. NMOCD ARTESIA	
2. Name of Operator SandRidge E&P, LLC				9 API Well No. 30 015 05362		
3a Address 123 Robert S Kerr Ave OKC OK 73102-6406	3b. Phone No. (include area co	· ·	D. Field and Pool or Ex R-Q-G-SA	xploratory Area		
4 Location of Well <i>(Footage, Sec., T.,</i> 660' FNL, 660' FEL Sec 23, T17S, R31E	n)	11 E	State			
12. CHEC	CK THE APPROPRIATE B	OX(ES) TO INDICATE NATUR	RE OF NOTICE,	REPORT OR OTHE	R DATA	
TYPE OF SUBMISSION			YPE OF ACTIO	N		
✓ Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	=	Production (Start/Resume) Water Shut-Off Reclamation Well Integrity		
Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon		Recomplete Other		
Final Abandonment Notice	Convert to Injection	Plug Back	Water D	rsposal		
13. Describe Proposed or Completed O the proposal is to deepen direction: Attach the Bond under which the v following completion of the involv testing has been completed. Final determined that the site is ready fo	ally or recomplete horizonta work will be performed or proved operations. If the operat Abandonment Notices must	ally, give subsurface locations and rovide the Bond No. on file with tion results in a multiple completi	d measured and t BLM/BIA. Requor or recompleti	true vertical depths of uired subsequent repo ion in a new interval,	all pertinent markers and zones orts must be filed within 30 days a Form 3160-4 must be filed once	
SandRidge Exploration & Productio	n requests approval to plu				edure.	
		-	TACHE TIONS (D FOR OF APPRO	VAL	
RECLAMATION ATTAC						

14 I hereby certify that the foregoing is true and correct Name (Printed/Typed) Terri Stathem Title Regulatory Manager erie Stathemy Date 07/12/2010 Signature THIS SPACE FOR FEDERAL OR STATE OF A CEPUS Approved by JUL 1 6 2010 Date Title roval, if any, are stached Approval of this notice does not warrant or certify /s/ Dustin Winkler that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct perations thereon Office Title 18 U S C Section 1001 and Title 43 U.S C Section 1212, make it a crime for any person knowingly f the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law 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, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13 - Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment.

NOTICES

The Privacy Act of 1974 and the 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., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and grantingapproval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

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

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

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 Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

- 15) RIH with packer and set packer @ 300'
- 16) Squeeze with 40 sacks and displace cement to 350'.
- 17) WOC 4 hrs. Check for flow back
- 18) Release packer and tag plug.
- 19) Run in open ended with tubing and spot 60' (25 sxs) plug to surface
- 20) Cut off casing and install BLM approved Dry Hole Marker.
- 21) Level and reclaim location per BLM regulations.

All cement is to be Class "C" mixed @ 14.8 ppg with 6.3 gallons fresh water per sack. Yield - 1.32 ft³per sack.



		Skelly Unit #3	37		<u>CURRENT</u>
ADVAL - 20.015.05270	Edd	ly Co., New M	lexico	6 Fl (*	2007 (7)
API No: 30-015-05362	Propos	sed P&A C	onamon	S . Elevation:	3887 GL
23A, T17S, R31E		TOC 350'	25 sxs	cement plug 60' - Surface	3895 DF
Well Originally drilled 1945		0 sxs sqz 350'-4	1 100	orate @ 450'	
		TOC 550' 75 sxs cement pl	úg 🌡	ement displaced to 550' in	iside 8 5/8" casin
		sqz 550-600'	Perfor	ate @ 600'	
T O C. @ ?? Hole Size:?? Cable Tools	31 - 3 2875	35 sxs cement		'Casing pulled from 600'.	
Casing: 8 5/8" @ 725 Cement: 100 sxs Regular		618' to top of CICR @ 800'	T	OC @ 660' (TS)	
Mud to Surface	Z	XX	CICR @ Perf @ 8	800' & Cement with 300	sxs
			TOC	@ 930' (TS)	
			Sqz w/ 7	5 sxs	
			Perf @ 1	140	
			TOC (<u>@_11</u> 90' (TS)	
			Sqz with	200 sxs	
	v n	16/4/15	Perf 4 ho	oles @ 1500'	
TOC @ 19	950' (TS		CIBP @	2002'	
		The second s	Perf @ 2	210 & sqz with 400 sxs	
T.O C. @ 2370 (1978 CBL)					
			<u> </u> ::		
Hole Size: 2? Cable Tools Casing 7" @ 3290'					
	·				
Cement: 150 sxs Regular Mud Circulated to Surface ah	ead				
Initials / Date.	/		<u>N</u>	COTE):
DWT 02/05/2010]	TD	3886 PBTD):
			Dril	l with cable tools to 3886	1
		\	J		

SandRidge E&P, LLC

NMLC-029418-A: Skelly Unit #37

API: 30-015-05362

Eddy County, New Mexico

RE: Plugging and Abandonment Requirements, Conditions of Approval

H2S monitoring equipment is to be on site.

- 1. OK
- 2. OK
- 3. OK
- 4. OK
- 5. OK
- 6. OK
- 7. Cut casing at deepest possible depth. If free point is shallower than 645' or not found, wait to cut until after step 8 Otherwise OK. REMEMBER: Stub plugs require cement 50' above and below cut.
- 8. If cut below 645' Spot as proposed, WOC and tag 50' above stub. If cut above 645' or not being done, spot 25sx, WOC and tag, perf 10' above tag and squeeze 25sx in and out of casing. (TOS)
- 9. OK
- 10. OK
- 11. OK
- 12. OK
- 13. OK
- 14. No need to perf if circulated from 600' Otherwise OK
- 15. OK
- 16. If injection rate cannot be established, spot cement 50' below perfs Otherwise OK
- 17. OK
- 18. OK
- 19. If cement hasn't come to surface, perf required Otherwise OK (Surface)
- 20. OK
- 21. Verify cement to surface in all annuluses. Ground level dry hole marker required at this location: **Requirements** Attached Otherwise OK
- 22. Submit subsequent report to the BLM.

See attached standard COAs.

DHW 071310

Requirements for ground level dry hole markers <u>Well Identification Markers</u> Conditions of Approval (COA)

The BLM Carlsbad Field Office (CFO) Conditions of Approval (COA) Requires that ground level dry hole markers be placed on well within the Lesser Prairie Chicken habitat area. The dry hole markers will be to the following specifications. The operator will construct the markers as follows:

- 1. An 8 inch X 8 inch steel plate 1/8 to 3/16 of an inch thick is to be placed on the old dry hole marker stand pipe 2 inches from ground level, in the Lesser Prairie Chicken habitat area.
- 2. Steel plate may be welded or bolted approximately 2 inches from ground level on the stand pipes. If plates are bolted to the stand pipe, the person installing the plate will be required to weld a pipe collar on the plate and place a minimum of two set screws/bolt on each collar. Aluminum data plates may be bolted with minimum ¼ inch bolt and locking nuts or self tapping fine threaded screws. A minimum of one in each corner is to be installed on each plate.
- 3. An 8 inch x 8 inch aluminum plate, which is 12 gauge or .080 sign material (1/8 inch aluminum plate may be used in place of the .080 plate) with the required information for that well stamped or engraved in a minimum 3/8 inch tall letter or number.
- 4. The following information will be stamped or engraved on the 8 inch X 8 inch aluminum plate in the following order.
 - a. First row: Operators name
 - b. Second row: Well name and number
 - c. Third row: Legal location to include ¼ ¼, Section, Township, and range. If the legal location cannot be placed on one row it can be split into two rows with the ¼ ¼ (example: 1980 FNL 1980 FWL) being on the top row.
 - d. Fourth row: Lease Number and API number.
 - i. Example marker plate: (attached)

NMOCD Order No. R-12965 also required 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 ground level dry hole marker was installed as required in the COA's from the BLM.

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

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. 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. In lieu of a cement plug in a cased hole, 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. Any plug that requires a tag will have a minimum WOC time of 4 hours.

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. Dry Hole Marker: 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 when the wellhead is cut off to verify that cement is to surface in the casing and all annuluses. The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: 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).
- 7. <u>Subsequent Plugging Reporting:</u> Within 30 days after plugging work is completed, file one original and five 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. <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 procedure.

DHW 112309



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

Interim Reclamation 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.

Interim reclamation consists of minimizing the footprint of disturbance by reclaiming all portions of the well site not needed for production operations. The portions of the cleared well site not needed for operational and safety purposes are recontoured to a final or intermediate contour that blends with the surrounding topography as much as possible. Sufficient level area remains for setup of a workover rig and to park equipment. Topsoil is respread over areas not needed for all-weather operations. Production facilities should be clustered to maximize the opportunity for interim reclamation. In order to inspect and operate the well or complete workover operations, it may be necessary to drive, park, and operate on restored, interim vegetation within the previously disturbed area. This is generally acceptable provided damage is repaired and reclaimed following use.

To reduce final reclamation costs; maintain healthy, biologically active topsoil; and to minimize habitat, visual, and forage loss during the life of the well, all salvaged topsoil should be spread over the area of interim reclamation, rather than stockpiled.

- 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). Interim reclamation is to be completed within 6 months of well completion.

- 3. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with interim reclamation as per approved APD or Sundry Notice. 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.
- 4. 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.
- 5. 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 there are any questions, please feel free to contact any of the following specialists:

Cody Layton
Natural Resource Specialist
575-234-5959
-
Trishia Bad Bear
Natural Resource Specialist
575-393-3612
Todd Suter
Surface Protection Specialist
575-234-5987
Doug Hoag
Civil Engineering Technician
575-234-5979

Jennifer Van Curen Environmental Protection Specialist 575-234-5905

Environmental Protection Specialist

Linda Denniston

575-234-5974

Justin Frye Environmental Protection Specialist 575-234-5922