

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side

1 Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		RECEIVED DEC -7 2009 NMOC D ARTESIA
2 Name of Operator Shackelford Oil Co.		
3a Address 3516 W 4th St Bldg B Ste 100, Midland, Texas 79705	3b Phone No. (include area code) 432-682-9784	
4 Location of Well (Footage Sec, T, R, M or Survey Description) Sec 15 T-20S R-30E 1650-NL - 990-W		

5 Lease Serial No LC-029171
6 If Indian, Allottee or Tribe Name
7 If Unit or CA/Agreement Name and/or No
8 Well Name and No Keyes #5
9 API Well No 30-015-04678
10 Field and Pool, or Exploratory Area Yates - East Bldg
11 County or Parish, State Eddy New Mex

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

set Cast Iron plug @ 1550'
1st plug - 50 SX from 1550' to 870' - TAG
2nd plug - 35 SX from 450' to 133' - TAG
3rd - perforate @ 60' & circ cement to surface

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14 I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Art MARRUZZ

Title Operation Manager

Signature

[Signature]

Date 11-23-09

THIS SPACE FOR FEDERAL OR STATE OFFICE 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

Title

Office

APPROVED

/s/ Roger Hall

DEC 1 2009

Petroleum Engineer

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Title 18 USC Section 1001 and Title 43 USC 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

(Instructions on page 2)

12/17/09

Well Name - Keyes #5

Elev 3214 66

Date Completed 6-9-42

10"
Hole

T/salt - 400"
B/salt - 1223"

2nd plug 25 sk from 450' to 133'

8 5/8 28th casing
396 cemented w/ 50 sk

24 jts 5 1/2 casing 6/9/77
Larkin PKR To shut off water 720"

1253-55 est. 1000 MCF PD
Tansill Gas Zone

1518-1529 " sd sloug

1st plug
50 sk plug from 1550' to 870' - TAG

Abandoned 3-24-42

6/9/77

Ran 24 jts of 5 1/2 casing
Larkin packer 2" X 5" to
shut off water

Cast IRON plug @ 1550

7" casing, 17th 50 jts @ 1559' 50 sks down

1578-1601 - oil show - Polo #1

1611-20 - Polo #2 possible additional Pay

PBTD 1595

TD-1641

Keyes C Federal #5
API # 3001504678
Shackelford Oil Company
12/01/2009

CONDITIONS OF APPROVAL

This is an older well, completed in 1942 so the condition of the production casing is suspect; therefore cutting off/ pulling above the top of cement might not be wise. A cement bond log needs to be run to determine the top of cement. Also this well is in the R-111-P potash area and requires a solid plug 50 ft above the top of salt to 50 ft below the base (350-1273 ft) and plugs across the producing interval/shoe plug (1468-1595 ft) and Tansill (1203-12605 ft) and 8-5/8 inch shoe plug (346-446 ft) and a surface plug (0-60 ft). Due to these circumstances; it would be best to plug the well from 0-1595 ft.

1. Notify BLM at 575-361-2822 a minimum of 24 hours prior to starting work.
2. Run a CBL to determine the TOC on the 7 inch casing.
3. Perforate approximately 10-20 ft above the TOC.
4. Establish an injection rate prior to cementing. If an injection rate cannot be established, come up-hole approximately 50 ft, perforate and try again. If an injection rate cannot be established contact the BLM for discussion.
5. Cement annulus to surface. If cement does not circulate, contact the appropriate BLM office prior to filling the production casing with cement. Additional cement may be required as the perforations depth may be lower than anticipated.
6. A subsequent report detailing the work performed is required.

RGH 120109