

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014SUNDRY 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 page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NM NM 110346 46NMNM1103
2. Name of Operator COG Operating LLC		6. If Indian, Allottee or Tribe Name NM NM 13455L
3a. Address 600 W Illinois, Midland, TX 79701	3b. Phone No. (include area code) 432-425-8075	7. If Unit of C/A Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 375 FSL, 336 FWL, M-32-T18S-R27E		8. Well Name and No. Windmill 32 Federal Com #4H
		9. API Well No. 30-015-41286
		10. Field and Pool, or Exploratory Area WC-015 G-02 S18273P; Bone Springs
		11. County or Parish, State Eddy County NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recomplete 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

1. Set CIBP @ 5875. Circulate hole w/ mud laden fluid.
2. Spot 25 sx cement @ 5875-5627.
3. Spot 25 sx cement @ 1670-1570. (Shoe) 1550' Tag
4. Perf & Sqz 45 sx cement @ 460-360. WOC & Tag. (Shoe)
5. Perf & Sqz 45 sx cement @ 100-surface.
6. Cut off wellhead and weld on Dry Hole Marker.

* Add plug 2910-2780' (T. of Bone Spring 2860')
Combine plugs 460' to surface (Shoe/Cave)

Accepted for record
NMOC
R.L.B.
RECLAMATION PROCEDURE
ATTACHED

NM OIL CONSERVATION
ARTESIA DISTRICT

MAR 29 2016

RECEIVED

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Ben Montgomery		Title Agent
Signature <i>Ben Montgomery</i>		Date 09/08/15

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>[Signature]</i>	Title Eng	Date 3/22/16
Condition 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 CFO	

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.

(Instructions on page 2)

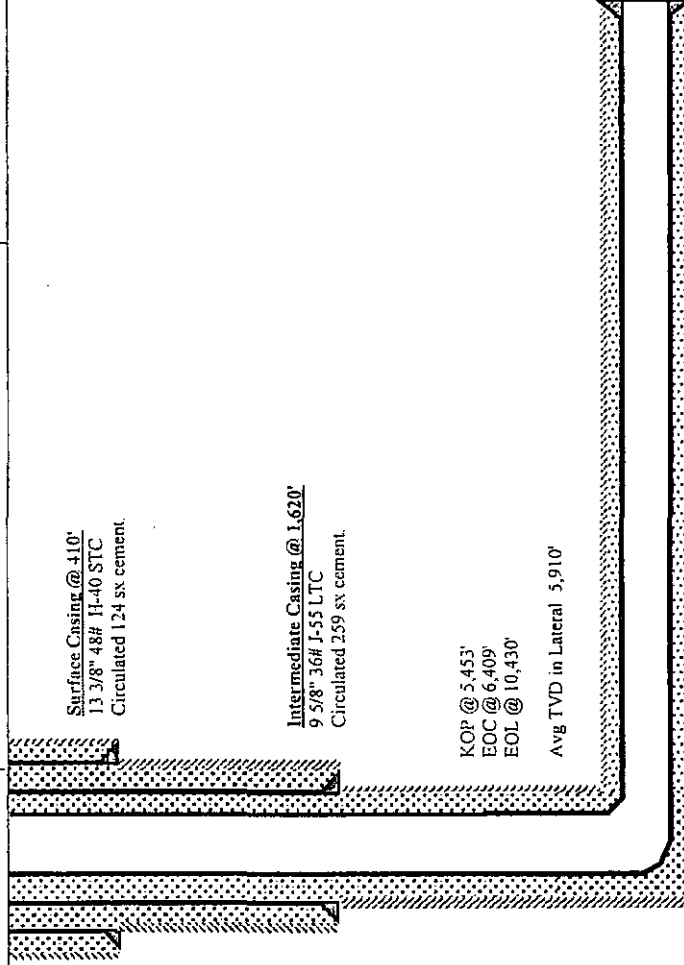


CURRENT WELL SKETCH

API: 30-015-41286
SPUD: 5/15/13 @ 22:45 hrs
FRR: 5/29/13 @ 06:00 hrs
RIG: Patriot #6

Windmill 32 Federal Com No. 4H
Undesignated; Bone Spring
Eddy, NM

Sec 32 T18S, R27E
SHL: 580' FSL & 190' FEL
Sec 32, T18S, R27E
BHL: 371' FSL & 333' FWL
GL: 3,349'
KB: 3,367'
ZERO: 18.0' AGL



Production Casing @ 10,430'
5-1/2" 17# P-110 LTC
Circulated 146 sx cement.
Marker joint @ 5,324'
PBTD (Wet Shoe FC) @ 10,428'

KOP @ 5,453'
EOC @ 6,409'
EOL @ 10,430'

Avg TVD in Lateral 5,910'

HOLE SIZE
MM (ppg)
BHST (MF)

17-1/2"
8.6

12-1/4"
8.7

7-7/8"
8.7

Mud Logs

No Logs

No Logs

EVALUATION

Updated by K LaFortune
Date: 7/2/2013

Lot 32.6984634
Yong -104 2932281



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Mud Logs	No Logs	No Logs
BHST (PF)		
MMW (ppg)	8.6	8.7
HOLE SIZE	17-1/2"	12-1/4"

} P: 5g2 45" 5 ne ~~365~~ - surface ^{460 - Surf.}
 } P: 5g2 45" 54 C 460 - ~~365~~ TMS ⁰
 } Combine plugs from 460 to surface. due to cave

Spot 25 S4 C 1670-1570

* Add plug seat cut 2910 - 2780

CIBIC 5875 w/ 25.5% on Fed

Surface Casing @ 410'
13 3/8" 48# H-40 STC
Circulated 124 sx cement.

Intermediate Casing @ 1,620'
9 5/8" 36# J-55 LTC
Circulated 259 sx cement.

KOP @ 5,453'
EOC @ 6,409'
EOL @ 10,430'

Avg TVD in Lateral 5,910'

Production Casing @ 10,430'

5-1/2" 17# P-110 LTC

Circulated 146 sx cement.

Marker joint @ 5,324'

PBTD (Wet Shoe FC) @ 10,428"

Updated by	K LaFortune
Date:	7/2/2013

[illegible]

1823-22-101-232