

Submit 1 Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	7. Lease Name or Unit Agreement Name Osprey 20 State Com
2. Name of Operator COG Operating LLC	8. Well Number 3H
3. Address of Operator One Concho Center, 600 W. Illinois Ave, Midland, TX 79701	9. OGRID Number 229137
4. Well Location Unit Letter <u>K</u> : <u>2590</u> feet from the <u>South</u> line and <u>1680</u> feet from the <u>West</u> line Section <u>20</u> Township <u>21S</u> Range <u>34E</u> NMPM County: <u>Lea</u>	10. Pool name or Wildcat WC-025 G-07 S213430M; Bone Spring
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3714' GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☒ Cmt Squeeze

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1. MIRU cementing unit.
2. Prepare to pump down 5-1/2" x 9-5/8" annulus.
3. Establish injection rate and pressure. (Be Sure to Chart)
4. Pump 10 bbl FW spacer
5. Mix and pump 679 sacks 15.1 ppg HalCem C w/ 10% CalSeal and 2% CaCl2
6. Mix and pump 292 sacks 14.8 ppg HalCem C
7. Pump 1 bbl of displacement.
8. Shut down, wash up pumps and lines.
9. Shut in well.
10. RDMO cementing equipment.
11. Allow cement to set for 24 hours.
12. Load and test 5-1/2" x 9-5/8" annulus to 1,500 psi.
13. RIH with GR-CBL to 7,000'. a. Log GR-CBL to 500' above TOC with 2,500 psi. on 5-1/2" casing.
14. Shut in well head and ensure valve is not leaking.
15. RDMO all associated equipment.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Brian Maiorino TITLE Regulatory Analyst DATE 10/28/13

Type or print name Brian Maiorino E-mail address: bmaiorino@concho.com PHONE: 432-221-0467

For State Use Only

APPROVED BY: [Signature] TITLE DET WEA DATE 10-31-2013

Conditions of Approval (if any):

OCT 31 2013

HOBBS OCD

OCT 30 2013

RECEIVED



CURRENT WELL SKETCH

API: 30-025-40969
SPUD: 7/5/13 @ 07:00 hrs
FRR: 8/16/13 @ 18:00 hrs
RIG: Precision #105

Osprey 20 State Com No. 3H Bone Spring Lea County, NM

SHL: 2,590' FSL & 1,680' FWL
Sec 20, T21S, R34E
BHL: 1,860' FSL & 1,905' FWL(est)
Sec 29, T21S, R34E
GL: 3,715'
KB: 3,741'
ZERO: 26.0' AGL

HOLE SIZE	MW (ppg)	BHST (°F)		EVALUATION
17-1/2"	10.0			No Logs
12-1/4"	10.1			No Logs
7-7/8"	8.4	154 F		Schlumberger (Quad Combo 7/24/13)

Surface Casing @ 1,973'
13-3/8" 54.5# J-55 LTC
Circulated 10 sx cement.

Intermediate Casing @ 5,817'
9-5/8" 36#/40# J-55/N-80 BTC
DVT @ 4,046'

Stage 1: Did not circulate cement.
Stage 2: Circulated 50 sx cement.

KOP @ 10,345'
EOC @ 11,271'
EOL @ 16,342'

Avg TVD in Lateral 10,931'

Production Casing @ 16,342'
5-1/2" 17# P-110 LTC
DVT @ 10,018'
Stage 1: Did not circulate cement.
Stage 2: Did not circulate cement.
PBSD (FC) @ 16,294'
No Marker Joint.
TOC @ 5,480'

Pilot Hole



TD @ 12,250'

Updated by	K LaFortune
Date:	8/23/2013