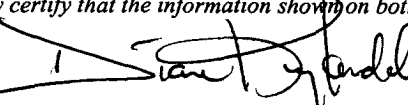


Appropriate District Office Lease - 6 copies Lease - 5 copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 Revised June 10, 2003	
				WELL API NO. 30-015-33441	
				5. Indicate Type of Lease STATE ☒ FEE ☐	
				State Oil & Gas Lease No.	
WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____ b. Type of Completion: NEW ☐ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. WELL OVER BACK RESVR. ☐ OTHER				7. Lease Name or Unit Agreement Name Colorado Brown Hackle 16 State	
2. Name of Operator COG Operating LLC				RECEIVED APR 04 2005 OOD-ARTESIA	
3. Address of Operator 550 W. Texas Ave., Suite 1300 Midland, TX 79701				8. Well No. 001	
4. Well Location Unit Letter <u>N</u> : <u>747</u> Feet From The <u>South</u> Line and <u>1354</u> Feet From The <u>West</u> Line Section <u>16</u> Township <u>20S</u> Range <u>23E</u> NMPM <u>Eddy</u> County				9. Pool name or Wildcat Wildcat Morrow	
10. Date Spudded 7-18-04	11. Date T.D. Reached 8-18-04	12. Date Compl. (Ready to Prod.) 01-03-05	13. Elevations (DF& RKB, RT, GR, etc.) 4193 GR	14. Elev. Casinghead	
15. Total Depth 8800	16. Plug Back T.D. 8745	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools X	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 8496-8550 Morrow				20. Was Directional Survey Made No	
21. Type Electric and Other Logs Run Three Detector Litho Density Compensated Neutron Hi-Res Laterolog Array Micro-CFL / HNGS				22. Was Well Cored No	
23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8	26	1331	14 3/4	1425 sx	Circ to surface
5 1/2	17	8799	8 3/4	800 sx	Circ
24. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
25. TUBING RECORD					
SIZE	DEPTH SET	PACKER SET			
2 7/8	8345	8312			
26. Perforation record (interval, size, and number) 8496-8504, 2 SPF, 17 holes 8545-8550, 2 SPF, 11 holes			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 8496-8550 2000 gals 7-1/2% Morrow blend acid & 95000 SCF N2		
28. PRODUCTION					
Date First Production 01-03-05		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing		Well Status (Prod. or Shut-in) Producing	
Date of Test 1-12-05	Hours Tested 24	Choke Size 12/64	Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 860
Water - Bbl. 3	Gas - Oil Ratio				
Flow Tubing Press. 800	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.
Oil Gravity - API - (Corr.)					
29. Disposition of Gas (Sold, used for fuel, vented, etc.) sold					Test Witnessed By Dennis Mann
30. List Attachments Logs, C103, C102, Deviation Report, C104					
31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief					
Signature 		Printed Name Diane Kuykendall		Title Regulatory Analyst	Date 4/1/05
E-mail Address dkuykendall@conchoresources.com					

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon <u>7030</u>	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka <u>8015</u>	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb <u>3068</u>	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo <u>3700</u>	T. <u>Morrow</u> <u>8318</u>	T. Wingate	T.
T. Wolfcamp <u>5173</u>	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C) <u>6030</u>	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

OPERATOR: DAVID H ARRINGTON OIL & GAS
WELL/LEASE: COLORADO BROWN HACKLE ST #1
COUNTY: EDDY, NM

503-0252

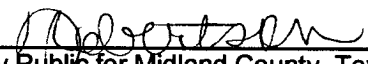
STATE OF NEW MEXICO
DEVIATION REPORT

254	0.25	8,500	1.90
522	0.50	8,536	2.40
1,003	2.25	8,596	2.50
1,420	1.00	8,800	2.50
1,731	1.00		
2,079	0.75		
2,459	0.75		
2,805	0.75		
3,151	0.25		
3,550	1.00		
3,911	1.00		
4,256	1.00		
4,607	1.00		
4,954	1.00		
5,217	0.25		
5,608	0.25		
5,957	0.75		
6,368	0.50		
6,717	1.50		
7,065	1.50		
7,412	1.75		
7,696	3.00		
7,837	3.60		
7,933	3.50		
7,964	3.50		
7,995	3.00		
8,059	2.00		
8,281	3.25		
8,344	2.75		
8,408	1.60		
8,439	1.30		

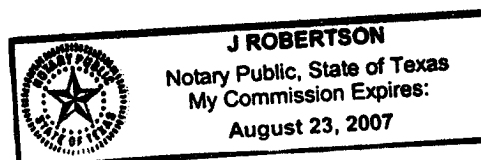
By: 

STATE OF TEXAS
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 23rd day of August, 2004, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.


Notary Public for Midland County, Texas

My Commission Expires: 8/23/2007



DISTRICT I
N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Energy, Minerals, and Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

Form C-102

Revised August 15, 2000

Submit to Appropriate District Office

State Lease - 4 copies

Fee Lease - 3 copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-33441	² Pool Code	³ Pool Name Wildcat Morrow
⁴ Property Code 300621	⁵ Property Name COLORADO BROWN HACKLE STATE "16"	
⁷ OGRID No. 229137	⁸ Operator Name COG Operating LLC	⁶ Well Number 1
		⁹ Elevation 4193'

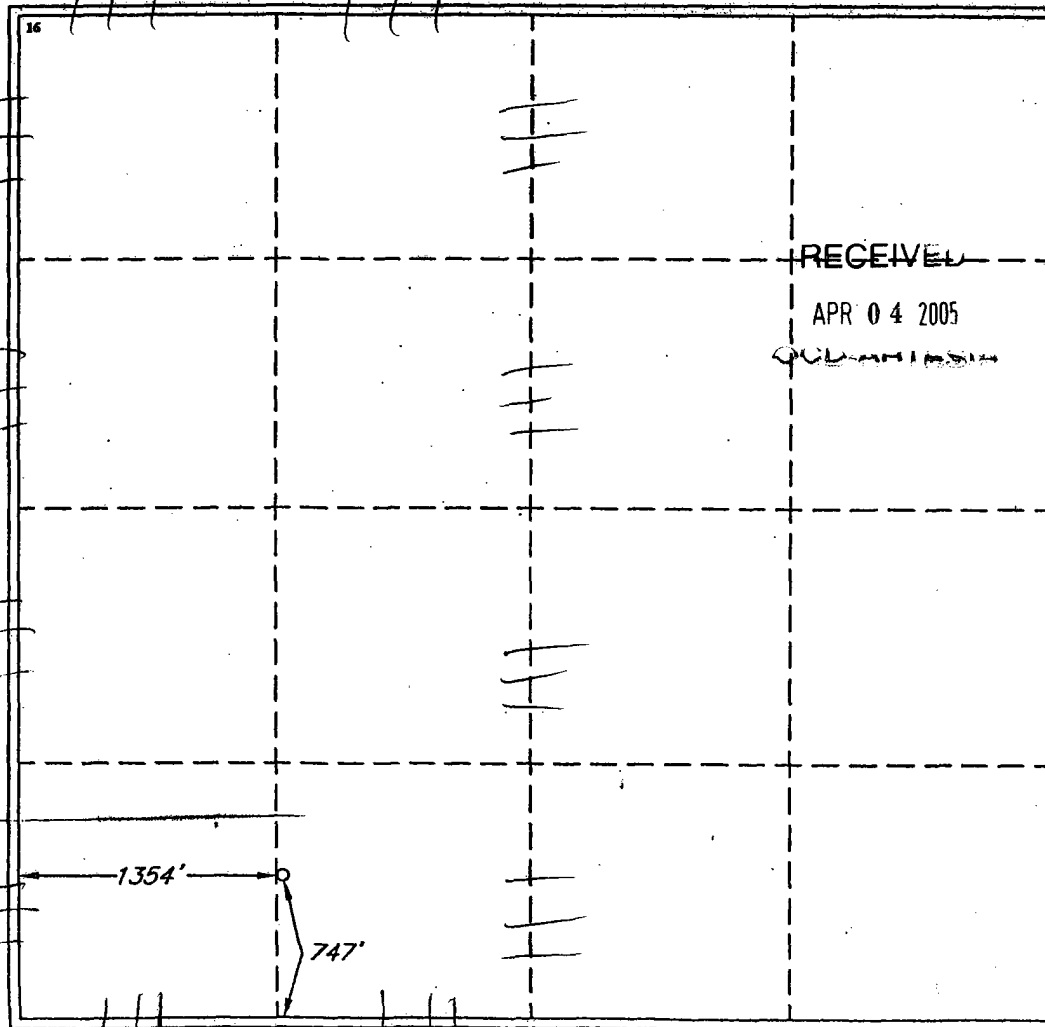
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	16	20 SOUTH	23 EAST, N.M.P.M.		747'	SOUTH	1354'	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 3.20		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



¹⁷ OPERATOR CERTIFICATION

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

Phyllis A. Edwards
Signature

Phyllis A. Edwards
Printed Name

Regulatory Analyst
Title

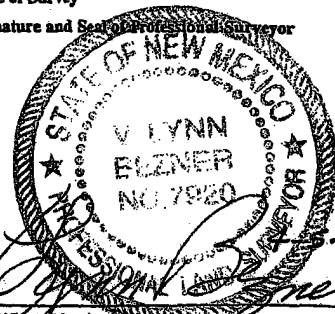
8/24/04
Date

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

MARCH 31, 2004
Date of Survey

Signature and Seal of Registered Surveyor



Certificate Number
V. L. BEZNER R.P.S. #7920

JOB # 93963-A / 76SW / J.C.P.