

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87505

Form C-105
Revised 1-1-89

WELL API NO. 30-015-34570	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No. V-4381	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____					7. Lease Name or Unit Agreement Name Juniper State				
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ Deepen ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____					8. Well No. 4				
2. Name of Operator COG Operating LLC					9. Pool name or Wildcat Loco Hills; Paddock				
3. Address of Operator 550 W. Texas, Suite 1300, Midland, TX 79701									
4. Well Location Unit Letter <u>M</u> : <u>430</u> Feet From The <u>South</u> Line and <u>990</u> Feet From The <u>West</u> Line Section <u>16</u> Township <u>17S</u> Range <u>30E</u> NMPM <u>Eddy</u> County									
10. Date Spudded 3/16/06		11. Date TD Reached 3/31/06		12. Date Compl. (Ready to Prod.) 4/24/06		13. Elevations (DF & RKB, RT, GR, etc.) 3675 RKB		14. Elev. Casinghead 3662' GR	
15. Total Depth 5925		16. Plug Back TD 5680		17. If Multiple Compl. How Many Zones?		18. Intervals Drilled By Rotary Tools Yes		Cable Tools	
19. Producing Interval(s), of this completion - Top, Bottom, Name 5153-5604.5', Paddock								20. Was Directional Survey Made Yes	
21. Type Electric and Other Logs Run Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray								22. Was Well Cored No	

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8" H-40	48#	418'	17 1/2"	425sx	None
8 5/8" J-55	24#	1227'	12 1/4"	650sx	None
5 1/2" J-55	17#	5920'	7 7/8"	1325sx	None

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	5647'	

26. Perforation record (interval, size, and number) 5749-5757', .42, 12 CIBP @ 5715' w/35' cement cap 5153-5604.5', .42, 120				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 5153-5757' AMOUNT AND KIND MATERIAL USED See C-103 for details	
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28. PRODUCTION							
Date First Production 4/26/06		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2 x 1 1/2x24' RHTC				Well Status (Prod. or Shut-in) Producing	
Date of Test 5/9/06	Hours Tested 24 hours	Choke Size None	Prod'n For Test Period	Oil - Bbl. 78	Gas - MCF 110	Water- Bbl. 365	Gas - Oil Ratio 1410
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 78	Gas - MCF 110	Water- Bbl. 365	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						Test Witnessed By Robert C. Chase	
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30. List Attachments Deviation Survey and Logs							
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31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief							
Signature <u>Jerry W. Sherrell</u>		Printed Name <u>Jerry W. Sherrell</u>		Title <u>Production Clerk</u>		Date <u>5/23/2006</u>	

Figure 1 consists of three maps of the study area, labeled 1, 2, and 3. Map 1 shows the location of the sampling site relative to the coastline and the city of Valencia. Map 2 shows the location of the sampling site relative to the coastline and the city of Valencia. Map 3 shows the location of the sampling site relative to the coastline and the city of Valencia.

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 _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 1158	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 1456	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 2064	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 2460	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 2750	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 4204	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permain _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from to
No. 2, from to
No. 3, 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

From	To	Thickness in Feet	Lithology

Silver Oak Drilling, LLC

PO Box 1370
Artesia, NM 88211-1370

April 11, 2006

COG, LLC
c/o Mack Energy Corporation
PO Box 960
Artesia, NM 88211-0960

RE: Juniper State #4
430' FSL & 990' FWL
Sec. 16, T17S, R30E
Eddy County, New Mexico

Dear Sir,

The following is the Deviation Survey for the above captioned well from 3/1/06 to TD.

DEPTH	DEVIATION	DEPTH	DEVIATION
200'	1°	3270'	1/2°
438'	3/4°	3662'	1°
833'	3/4°	4065'	1°
1230'	3/4°	4465'	3 1/4°
1630'	1/4°	4870'	3/4°
2070'	1/2°	5273'	3/4°
2470'	1°	5679'	3/4°
2870'	3/4°	5925'	1/4°

Very truly yours,

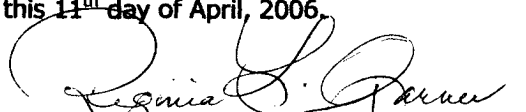


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 11th day of April, 2006.

My Commission Expires: 8/30/08



Notary Public