


Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b> <b>Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>MOOD ARTESIA, NM 87505</b>				<b>Form C-105</b> Revised August 1, 2011				
		<div style="border: 2px solid black; padding: 5px; display: inline-block;"> <b>RECEIVED</b>  <b>JUL 29 2013</b> </div>				1. WELL API NO. 30-015-37584				
				2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN						
				3. State Oil & Gas Lease No.						
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>										
4. Reason for filing: <input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)				5. Lease Name or Unit Agreement Name GJ West Coop Unit						
7. Type of Completion: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER				6. Well Number: 303						
8. Name of Operator COG OPERATING LLC				9. OGRID 229137						
10. Address of Operator One Concho Center 600 W. Illinois Ave. Midland, TX 79701				11. Pool name or Wildcat GJ; 7RVS-QN-GB-Glorieta-Yeso 97558						
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	D	22	17S	29E		1255	North	475	West	Eddy
BH:	D	22	17S	29E		975	North	426	West	Eddy
13. Date Spudded 02/09/13	14. Date T.D. Reached 02/16/13	15. Date Rig Released 02/17/13		16. Date Completed (Ready to Produce) 03/28/13		17. Elevations (DF and RKB, RT, GR, etc.) 3551' GR				
18. Total Measured Depth of Well 5000		19. Plug Back Measured Depth 4937		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run COMPENSATED NEUT CCL/HNGS				
22. Producing Interval(s), of this completion - Top, Bottom, Name 4000- 4900 Yeso										
<b>23. CASING RECORD (Report all strings set in well)</b>										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13-3/8		48		378		17-1/2		1046sx		
8-5/8		24		853		11		600sx		
5-1/2		17		4988		7-7/8		1000sx		
<b>24. LINER RECORD</b>										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	<b>25. TUBING RECORD</b>					
					SIZE	DEPTH SET	PACKER SET			
					2-7/8	4792				
26. Perforation record (interval, size, and number)					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
4000 - 4250 .34, 26 holes OPEN					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
4400 - 4600 .34, 26 holes OPEN					4000 - 4250		See Attachment			
4700 - 4900 .34, 26 holes OPEN					4400 - 4600		See Attachment			
					4700 - 4900		See Attachment			
<b>28. PRODUCTION</b>										
Date First Production 03/28/13		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping, 2-1/2" x 1-3/4" x 20" pump.				Well Status (Prod. or Shut-in) Producing				
Date of Test 04/12/13	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
				103	210	318	2039			
Flow Tubing Press. 70	Casing Pressure 70	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 39.4				
			103	210	318					
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold							30. Test Witnessed By Kent Greenway			
31. List Attachments Logs, C102, C103, Deviation Report, Directional Plan, C104, Closed Loop Closure										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial: Latitude Longitude NAD 1927 1983										
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 		Printed Name Kelly J. Holly		Title Permitting Tech			Date 07/26/13			

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

completions, items 11, 12 and 26-31 shall be reported for each zone.

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 A"       |
| T. Salt 342             | T. Strawn        | T. Kirtland             | T. Penn. "B"     |
| B. Salt 647             | T. Atoka         | T. Fruitland            | T. Penn. "C"     |
| T. Yates 868            | T. Miss          | T. Pictured Cliffs      | T. Penn. "D"     |
| T. 7 Rivers             | T. Devonian      | T. Cliff House          | T. Leadville     |
| T. Queen 1759           | T. Silurian      | T. Menefee              | T. Madison       |
| T. Grayburg             | T. Montoya       | T. Point Lookout        | T. Elbert        |
| T. San Andres 2442      | T. Simpson       | T. Mancos               | T. McCracken     |
| T. Glorieta 3888        | T. McKee         | T. Gallup               | T. Ignacio Otzte |
| T. Yeso 3972            | T. Ellenburger   | Base Greenhorn          | T. Granite       |
| T. Blinebry             | T. Gr. Wash      | T. Dakota               |                  |
| T. Tubb                 | T. Delaware Sand | T. Morrison             |                  |
| T. Drinkard             | T. Bone Springs  | T. Todilto              |                  |
| T. Abo                  | T.               | T. Entrada              |                  |
| T. Wolfcamp             | T.               | T. Wingate              |                  |
| T. Penn                 | T.               | T. Chinle               |                  |
| T. Cisco (Bough C)      | T.               | T. Permian              |                  |

## 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<br>In Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |

| From | To | Thickness<br>In Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |

**GJ West Coop Unit #303****API#: 30-015-37584****EDDY, NM****C-105 (#27) ADDITIONAL INFORMATION**

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                                               |
|-------------------------------------------------|-----------------------------------------------|
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED                 |
| 4000 - 4250                                     | Acidized w/2,000 gals 15% HCL.                |
|                                                 | Frac w/100,371 gals gel, 116,844# 16/30 brown |
|                                                 | sand, 12,947# CRC.                            |

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                                               |
|-------------------------------------------------|-----------------------------------------------|
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED                 |
| 4400 - 4600                                     | Acidized w/2,500 gals 15% HCL.                |
|                                                 | Frac w/121,083 gals gel, 148,171# 16/30 brown |
|                                                 | sand, 34,449# CRC.                            |

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                                               |
|-------------------------------------------------|-----------------------------------------------|
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED                 |
| 4700 - 4900                                     | Acidized w/2,500 gals 15% HCL.                |
|                                                 | Frac w/116,662 gals gel, 145,008# 16/30 brown |
|                                                 | sand, 31,271# CRC.                            |