



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE Nov. 20, 1984

RE: Proposed MC _____
Proposed DHC x _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

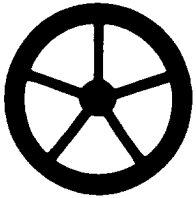
I have examined the application dated Nov. 14, 1984
for the Consolidated Oil & Gas Corp. Lease #2 E-30-31N-12W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours truly,

Eric J. Chavez



Consolidated Oil & Gas, Inc.

P. O. BOX 2038
FARMINGTON NEW MEXICO 87499
(505) 632-8056

November 12, 1984

Mr. Frank Chavez
New Mexico Oil Conservation Division
1000 Rio Brazos Rd.
Aztec, New Mexico 87410

Re: Lea 2
1850' FNL & 790' FWL
Sec 30E, T31N, R12W
San Juan Co., New Mexico

Dear Mr. Chavez,

Consolidated Oil & Gas, Inc. hereby requests authorization to down-hole commingle the Aztec Pictured Cliffs ext. and Wildcat Fruitland formations within the above referenced well.

This well is a newly completed shut-in gas well waiting on a gas connection. Both zones are commingled in the wellbore.

The ownership, working interest, royalty and overriding royalty is common for both zones.

Consolidated would like to allocate 95% gas to the Pictured Cliffs and 5% gas to the Fruitland formations, based on field tests following the completion of each zone.

A string of 1 1/2" production tubing is set at the Pictured Cliffs perforations. We intend to produce all gas up this single tubing string.

Enclosed please find requested information.

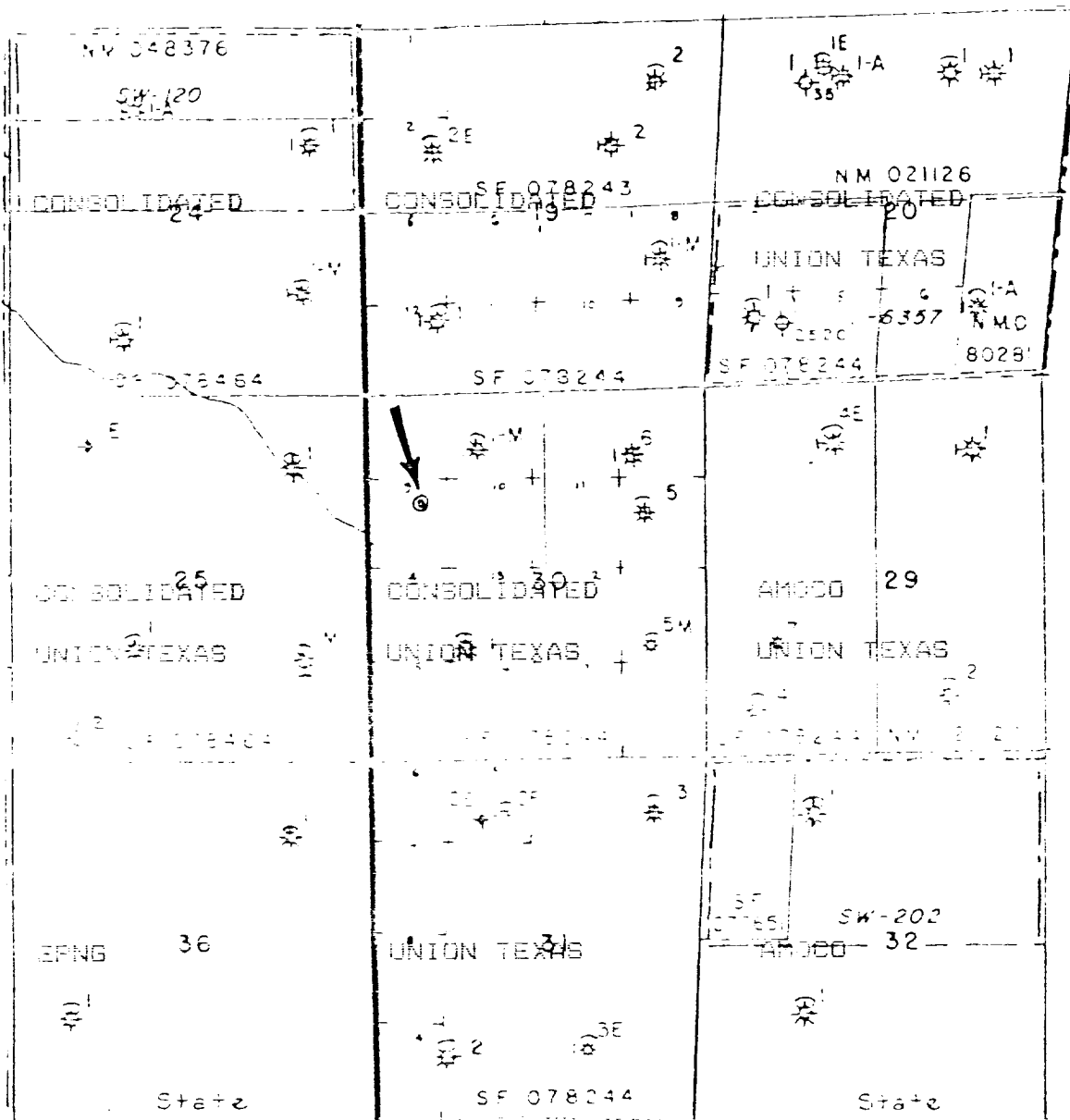
Yours very truly,

Dale Richardson
Production & Drilling Superintendent

DER:WLC:wc
Enclosures
cc: N. M. Oil Conservation Division, Santa Fe

RECEIVED

NOV 14 1984
OIL CON. DIV.
DIST. 3



Location Plat to Accompany Application
for Administrative Commingling of the

LEA 2
1850' FNL & 790' FWL
Sec 30E, T31N, R12W
San Juan Co., New Mexico

SANTA FE, NEW MEXICO 87501

THE UNIVERSITY OF CHICAGO
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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.

All distances must be from the center of the section.

| | | | | |
|--------------------------|----------|-------|----------|----------|
| Consolidated Oil and Gas | | LEA | | Well No. |
| Section | Township | Range | County | LEA #2 |
| E 30 | T31N | R12W | San Juan | |

of Footage Location of Well:

| East | | West | |
|-----------------|-------|---------------|------|
| Feet from the | Line | Feet from the | Line |
| 1850 | North | 790 | West |
| Pool | | | |
| Dedicated Area: | | | |
| 160 | | | |
| | | | |
| | | | |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allocation will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.

CERTIFICATION

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

11. 11. 11.

Barney L. Jones

Position

Drilling_Foreman

Casey, NY

Consolidated Oil & Gas

11-11-55

2-20-84

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NOV 14 1984
OIL
DIST. 3

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MAR 06 1964

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

I hereby certify that the well location shown on this plat was plotted from the notes of the surveys made by me and under my direction and that the same is a true and correct copy of the original record and belief.

6159
2-20-84

All distances must be from the outer boundaries of the section.

| | | | | | |
|--------------------------|---------|----------|-------|----------|--|
| C, color | | Lease | | Well No. | |
| Consolidated Oil and Gas | | LEA | | LEA #2 | |
| Well Letter | Section | Township | Range | County | |
| E | 30 | T31N | R12W | San Juan | |

| | | | | | |
|----------------------------------|---------------------|------------------------|--------------------|--------------------|--|
| Actual Footage Location of Well: | | Line and | | Dedicated Acreage: | |
| 1850 | feet from the North | 790 | feet from the West | 160 Acres | |
| Ground Level Elev. | Producing Formation | Pool | | | |
| 5875 | Fruitland | Undesignated Fruitland | | | |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

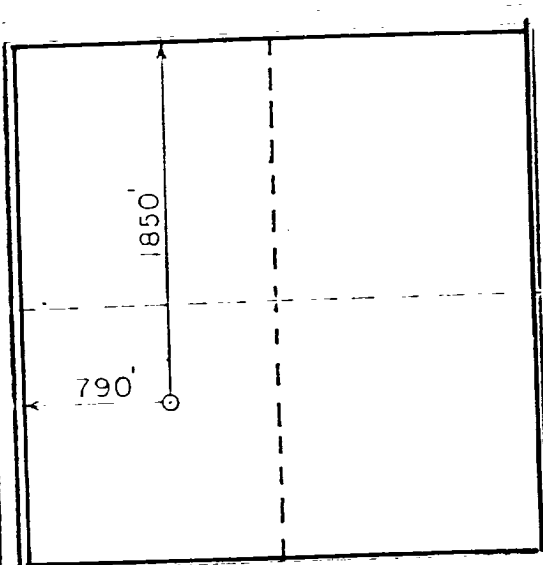
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division



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DIST.

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MAR 06 1984

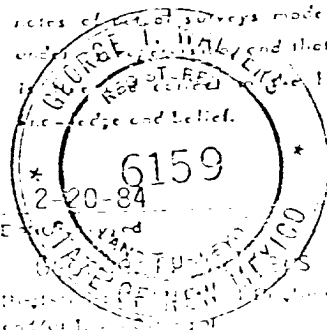
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

CERTIFICATION

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

Name
Barney L. Jones
Position
Drilling Foreman
Company
Consolidated Oil & Gas
Date
2-20-84

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



LEA 2
Sec 30E, T31N, R12W

RE: Rule 303C, Para. 2, Requirement (d)

We would like to request an exception to rule 303C, Para. 2, Requirement (d). This well was swabbed and tested in each zone following initial completion operations. Both zones were tested together on 8-3-84. The well has remained shut-in pending a gas connection since this test date. We do not believe a current (within 30 days) test is warranted. We are submitting GOR test results on each zone and the one point back pressure test taken concurrently on 8-3-84.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P.O. BOX 2038
SANTA FE, NEW MEXICO 87501

Form C-116
Revised 10-1-78

GAS-OIL RATIO TESTS

Operator Consolidated Oil & Gas, Inc. Pool Aztec Pictured Cliffs ext. County San Juan

Address PO Box 2038, Farmington, NM 87499

TYPE OF TEST - (X)

Scheduled

Completed (X)

Serial

| LEASE NAME | WELL NO. | LOCATION | | | | DATE OF TEST | CHOKE SIZE | TBG. PRESS. | DAILY ALLOW-ABLE | LENGTH OF TEST HOURS | PROD. DURING TEST | | | GAS - OIL RATIO CU.FT./BBL | |
|---|----------|----------|----|-----|-----|--------------|------------|-------------|------------------|----------------------|-------------------|-----------------|------------|----------------------------|-----|
| | | U | S | T | R | | | | | | WATER BBLs. | GRAV. OIL BBLs. | GAS M.C.F. | | |
| Lea | 2 | E | 30 | 31N | 12W | 4-21-84 | ST 3/4" | 1 1/4 | | 24 | * -0- | - | -0- | 317 | -0- |
| *Note: Fracture treatment fluid was still being produced in small quantities during test. The Pictured Cliffs zone does not produce any fluids. | | | | | | | | | | | | | | | |

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Well original and one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with Rule 33 and appropriate pool rules.

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

(Signature)

(Date)

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-116
Revised 10-1-78

GAS - OIL RATIO TESTS

| | | | | | | | | | | | | | | | |
|---|--|------------------------------|----------|-----------------------------------|-----|-------------------|------------|--------------------|------------------|---|-------------------|-----------|-----------------|-------------|-------------|
| Operator | | Consolidated Oil & Gas, Inc. | | Pool | | Wildcat Fruitland | | County | | San Juan | | | | | |
| Address | | | | PO Box 2038, Farmington, NM 87499 | | | | TYPE OF TEST - (X) | | Scheduled ☐ Special ☐ | | | | | |
| LEASE NAME | | WELL NO. | LOCATION | | | DATE OF TEST | CHOKE SIZE | TBG. PRESS. | DAILY ALLOW-ABLE | LENGTH OF TEST HOURS | PROD. DURING TEST | | GAS - OIL RATIO | | |
| | | | U | S | T | R | | | | | WATER BBL'S. | GRAV. OIL | OIL BBL'S. | GAS M.C.F. | CU. FT./BBL |
| Lea | | 2 | E | 30 | 31N | 12W | 5-19-84 | SI 3/4" | 0* | 24 | -0- | - | -0- | slight blow | -0- |
| <p>*Note: Gas produced during test was too small to measure. No fluids were present in the tubing or annulus.</p> | | | | | | | | | | | | | | | |

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OIL CON. DIST. 3

No well will be assigned an allowable greater than the amount of oil produced on the official test.
During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with Rule 301 and appropriate pool rules.

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

(Signature)

(Title)

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY & MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

Form O-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR

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SEP 04 1984
OIL CON. DIV.
DIST. 3

| | | | |
|---|----------------------|--|-------------------|
| Type Test
☒ Initial ☐ Annual ☐ Special | | Test Date
8-3-84 | |
| Company
Consolidated Oil & Gas, Inc. | | Connection
Gas Co. of New Mexico | |
| Pool
WC Fruitland | | Formation
Fruitland - Picture Cliff | |
| Completion Date
5-22-84 | Total Depth
2300' | Plug Back TD
2243' | Elevation
5875 |
| Form or Lease Name
Lea | | Well No.
2 | |
| Cas. Size
4 1/2 | WT.
10.5# | Set At
4.052 | 2286 |
| Perforations:
From 1820 To 2224 | | Perforations:
From To | |
| Trp. Size
1 1/2 | WT.
2.9# | Set At
1.610 | 2201 |
| Type Well - Single - Packerhead - G.C. or G.C. Multiple
Single | | Packer Set At
None | |
| Producing Thru
Tubing | | Baro. Press. - P _a
12.0 | |
| Reservoir Temp. °F
94 | | Mean Annual Temp. °F
2183 | |
| CO ₂ | | N ₂ | |
| H ₂ S | | Prover
6" pos. choke nipple | |
| Water Run
Taps | | County
San Juan | |
| State
New Mexico | | Unit
E 30 31 12W | |

| FLOW DATA | | | | | TUBING DATA | | CASING DATA | | Duration of Flow | |
|-----------|------------------|--------------|-----------------|----------------------|-------------|-----------------|-------------|-----------------|------------------|----------|
| NO. | Prover Line Size | Orifice Size | Press. p.s.i.g. | Diff. h _w | Temp. °F | Press. p.s.i.g. | Temp. °F | Press. p.s.i.g. | | Temp. °F |
| 1. | Shut-in 30 days | | | | | 537 | | 537 | | 3 hours |
| 2. | 2"x3/4" | | | | | 51 | 60 | 312 | 60 | |
| 3. | | | | | | | | | | |
| 4. | | | | | | | | | | |
| 5. | | | | | | | | | | |

RATE OF FLOW CALCULATIONS

| NO. | Coefficient (24 Hour) | $\sqrt{h_w P_m}$ | Pressure p _m | Flow Temp. Factor F _t | Gravity Factor F _g | Super. Compress. Factor, F _{sp} | Rate of Flow Q, Mgd |
|-----|-----------------------|------------------|-------------------------|----------------------------------|-------------------------------|--|---------------------|
| 1 | 11.0 | | 63 | 1.000 | 1.240 | 1.000 | 859 |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |

| NO. | P _r | Temp. °R | T _r | Z | Gas-Liquid Hydrocarbon Ratio | A.P.I. Gravity of Liquid Hydrocarbons | Specific Gravity Separator Gas | Specific Gravity Flowing Fluid | Critical Pressure P.S.I.A. | Critical Temperature °R |
|-----|----------------|----------|----------------|---|------------------------------|---------------------------------------|--------------------------------|--------------------------------|----------------------------|-------------------------|
| 1 | | | | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |

| NO. | P _r | P _c | P _w | P _r ² - P _w ² | (1) $\frac{P_c^2}{P_r^2 - P_w^2} =$ | (2) $\left[\frac{P_c^2}{P_r^2 - P_w^2} \right]^n =$ |
|-----|----------------|----------------|----------------|---|-------------------------------------|--|
| 1 | 549 | 301401 | 324 | 104976 | 1.5344 | 1.4389 |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |

Absolute C_{en} Flow: 1236 Mgd @ 15.025 Angle of Slope θ: 85

Heavy water mist thru-out test

Checked By: Richard Housh Checked By: Richard Housh Checked By:

LEA 2
Sec 30E, T31N, R12W

RE: Rule 303C, Para. 2, Requirement (a)

The Lea is a newly completed shut-in gas well. In lieu of a production decline curve, we are submitting copies of sundry notices outlining completion operations on each zone.

Fruitland Oil Co., Inc.
 Division of Production Services
 Logging Application

Plot Area: 8075' x 8075' x 8075' x 8075'

LEA 2
 Sec 30E, T31N, R12W
 San Juan Co., NM
 November 12, 1984

8-5/8", 24#, casing @ 164'
 Cmt w/ 100 ex Cl "B" w/
 2% CaCl2. Cmt top at
 surface.

12-1/4" hole to 168'

Frac RT w/ 32,500 gal 70 @
 foam & 27,400 # 10/20 sn

Fruitland perf
 interval: 2067-1820'
 (74 holes)

Frac PD w/ 32,000 gal 70 @
 foam & 40,000 # 10/20 sn

1-1/2" tbg @ 2201'

4-1/2", 10.5# J-55 casing
 @ 2206'. Cmt w/ 210 ex
 65/35 pozmix w/ 6% gel &
 1/4# perlite/ex. Tail-in
 w/ 80 ex 50/50 pozmix w/
 3% gel. Cmt top at 2200'.

Pictured Cliffs perf
 interval: 2224-2142'
 (35 holes)
 PFTD @ 2243' - FC
 Clean out to 2232'

</////////////////>

4-1/4" hole to 2300'
 Drillers TD - 2300'
 Loggers TD - 2278'

Form 1150-5
November 1983
Replaces 9-331

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
ONE COPY TO BLM, ONE TO STATE, ONE TO FEDERAL

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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" for such proposals.)

| | |
|--|--|
| 1. OIL WELL ☐ GAS WELL ☒ OTHER ☐ | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |
| 2. NAME OF OPERATOR
CONSOLIDATED OIL & GAS, INC. | 7. UNIT AGREEMENT NAME |
| 3. ADDRESS OF OPERATOR
P.O. Box 2038, Farmington, N.M. 87499 | 8. FARM OR LEASE NAME
LEA |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
1850' FNL & 790' FWL | 9. WELL NO.
2 |
| 10. FIELD AND POOL, OR WILDCAT
Undes. Fruitland | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 30, T31N, R12W |
| 14. PERMIT NO.
API #30-045-25924 | 12. COUNTY OR PARISH
San Juan |
| 15. ELEVATIONS (Show whether DF, AT, OR, etc.)
5879' KB, 5875' GR | 13. STATE
NM |

RECEIVED

AUG 14 1984

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

| | |
|--|---|
| TEST WATER SHUT-OFF ☐ | PULL OR ALTER CASING ☐ |
| FRACURE TREAT ☐ | MULTIPLE COMPLETE ☐ |
| SHOOT OR ACIDIZE ☐ | ABANDON* ☐ |
| REPAIR WELL ☐ | CHANGE PLANE ☐ |
| (Other) ☐ | |

SUBSEQUENT REPORT OF:

| | |
|---|--|
| WATER SHUT-OFF ☐ | REPAIRING WELL ☐ |
| FRACURE TREATMENT ☒ | ALTERING CASING ☐ |
| SHOOTING OR ACIDIZING ☒ | ABANDONMENT* ☐ |
| (Other) "completions operation" ☐ | |

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

- 4-13-84 MIRUSU. Inst BCP, pr test to 2500 psi, OK. Perf 1SPF 2182-93', 2219-24' (18 perfs). ISIP 500 psi. Acidize w/ 27 ball sealers spaced evenly in acid, 500 gal 7-1/2% HCl, 10 BPM, 850 psi. Flush w/ 1% KCl, CP 1150 psi. Cleared perfs. Frac w/ 70 Q foam, CP 1450 psi, 20 BPM. Used pad foam 70%, 1 PPG 10-20 sand, 2 PPG 10-20 sand and flush. CP 1350 psi @ 20 BPM. ISIP 1100 psi, 15 min 1020 psi. Total fluid to recover 187 bbl.
- 4-14/4-16 Blew & cleaned out well, swabbed.
- 4-17 Set retrievable bridge plug @ 2170' Pr test to 2500 psi, OK. Perfed from 2142' to 2158', 1SPF (17 holes). ISIP 400 psi. Acidize w/ 500 gal 7-1/2% HCl w/ 27 ball sealers. Flush w/ 1% KCl wtr. Ran junk basket & cleared perfs. Frac w/ 1% KCl, 20 BPM, 70Q foam, used 10-20 sand as follows: 1 PPG sand, 5000 gal 2 PPG, 1000 gal 3 PPG, flush. ISIP 1590, 15 min 1050. Total fluid to recover 166 bbl.
- 4-18/4-20 TIH w/ tbg to 2127', well flowed, TOH. Tried to retrieve BP. Unable to catch. Lost 120 bbl while circ. Retrieved BP. Swabbed & cleaned out. Rigged down & rig released.

18. I hereby certify that the foregoing is true and correct

SIGNED Sabara Williams

TITLE Engineering Ass't

DATE 8-13-84

(This space for Federal or State, or other use)

ACCEPTED FOR RECORD

APPROVED BY R
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE AUG 24 1984

NOV 1 1984

OPERATOR

FARMINGTON RESOURCE AREA

*See Instructions on Reverse Side

BY Smn

OIL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other documents on the
reverse side.)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

SE 078214

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

LEA

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Unders. Fruitland

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec 30, T31N, R12W

12. COUNTY OR PARISH 13. STATE

San Juan

NM

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—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

CONSOLIDATED OIL & GAS, INC.

3. ADDRESS OF OPERATOR

P.O. Box 2038, Farmington, N.M. 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1850' ENL & 790' FWL

RECEIVED

AUG 14 1984

14. PERMIT NO.

API #30-045-25924

15. ELEVATIONS (Show whether DP, RT, GR, etc.)

5879' KB, 5875' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).*

4-26-84 MIRUSU, inst BOP. Pr test to 1500 psi, OK.

4-27 Set BOP @ 2100', pr test to 3000 psi, OK. Perfed w/ 2JSPF @ 2052-56', 2063-67' (16 perfs) .38" dia. Break down perfs w/ 6 BPM @ 2700 psi. ISIP 800 psi. Acidize w/ 9 bbl 7-1/2% HCl and 24 ball sealers.

Attempted to frac w 70 Q foam containing 1% KCl, 100 ppm nitrates, 10-20 sand. Pumped 6000 gal pad, 4200 gal 1 PPG sand, shut down. Attempted to repump .5 BPM @ 3000 psi. Attempted to refrac, filled csg cap, formation locked up. TIH, tagged sand @ 1739'. CO to 1896'.

4-28 CO to 2085'. Started 1%KCl pad, 10 BPM @ 2790 psi. Pumped 40 bbl, formation locked up. Perfed 1952-56', 1963-67', 2SPF(16 perfs). BD perfs. Acidize w/500 gal 7-1/2% HCl and 75 ball sealers. Ran junk basket. Frac as follows: 1%KCl, 100 ppm nitrates, 70 Q foam @ 15 BPM, 10-20 sand: 6000 gal pad, 8000 gal 1 PPG sand, 5000 gal 2 PPG sand, 1313 gal flush. 10 min 1450 psi. Total fluid to rec 177 bbl.

4-29/4-30 Swabbed & CO.

5-1 Set BOP @ 1936', pr test to 3000 psi, OK. Perf 1911'-20' w/2SPF(18 holes BD perfs, 15 BPM @ 1800 psi. Acidize w/ 500 gal 7-1/2% HCl & 40 ball sealers. Ran junk basket. Attempt to frac w/ 70 Q foam containing 1%KCl, 100 ppm nitrates as follows: 6000 gal pad, 6000 1 PPG 10-20 sd, pumped 23 bbl. Rev circ, sand out to 1930'. Refrac w/1% KCl wtr pad @ 16BPM, pumped 64 bbl. ISIP 1300 psi.

18. I hereby certify that the foregoing is true and correct

SIGNED

Barbara Williams

TITLE Engineering Ass't

DATE

8-13-84

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

AUG 24 1984

*See Instructions on Reverse Side

BY

Sam

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions on reverse side)

Form approved.
Bureau Order No. 1004-0135
Expires August 31, 1985
5. LEASE IDENTIFICATION AND SERIAL NO.
OF 078244

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—" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
CONSOLIDATED OIL & GAS, INC.

3. ADDRESS OF OPERATOR
P.O. Box 2038, Farmington, N.M. 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1850' FNL & 790' FWL

14. PERMIT NO.
API# 30-045-25924

15. ELEVATIONS (Show whether OF, RT, GR, etc.)
5879' KB, 5875' GL

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
LEA

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Undes. Fruitland

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 30, T31N, R12W

12. COUNTY OR PARISH
San Juan

13. STATE
NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) ☐

PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
ABANDON* ☐
CHANGE PLANS ☐

WATER SHUT-OFF ☐
FRACTURE TREATMENT ☒
SHOOTING OR ACIDIZING ☒
(Other) ☐

REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

5-2-84 Reperfed 1911-20' w/2SPF (18 holes). Acidize w/ 7-1/2% HCl & 70 ball sealers. ISIP 1150 psi. Frac containing 1% KCl, 100 ppm nitrates. 10-20 sand as follows: start pad, ease in N₂ to 50-50 Q foam up to 20 BPM. 70-80 Q foam, 16,000 gal, 3800 gal 1/2 PPG sand, 2100 gal 1 PPG sand. Formation locked up. Total fluid to recover 106 bbl.

5-2/ 5-3 Swabbed & cleaned up. PU RBP. Ran 65 jts 2-3/8" EUE set @ 2062'. Rigged down. Released rig.

5-18 MIRUSU. Inst BOP, pr test, OK. TOH w/ tbg. Set 4-1/2" RBP @ 1890'. Perf Frt Sd @ 1843-20' w/ 1SPF (24 holes), .38" dia. BD to 2100 psi, 3 BPM. Acidized, no ball off. Frac w/ 70 Q foam containing 20# gel, 1% KCl, 10-20 sand as follows: 6500 gal pad, 6500 gal 1/2 PPG sand, 3500 gal 1 PPG sand, well sanded off. 463 bbl to recover.

5-19/5-20 Circ sand out to BP @ 1890'. PCOH to 1813' & swab & clean out.

5-21 PU RBP @ 1890', TOH, circ sand out to 2096'.

5-22 Ran 67 jts 1-1/2", 2.9#, EUE, 10 rd tbg set @ 2201'. Pig down & rig released.

RECEIVED
NOV 14 1984
OIL CON

18. I hereby certify that the foregoing is true and correct

SIGNED Subara Williams TITLE Engineering Ass't

DATE 8-13-84

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE
AUG 24 1984

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Form approved
Budget Bureau No. 1004-0137
Expires August 31, 1985

(Space for
signature of
license holder)

5. LEASE DESIGNATION AND SERIAL NO.

SF 078244

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

LEA

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

WC Fruitland

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec 30, T31N, R12W

12. COUNTY OR PARISH

San Juan

13. STATE

N.M.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ REPAIR ☐ Other

3. NAME OF OPERATOR

Consolidated Oil & Gas, Inc.

4. ADDRESS OF OPERATOR

PO Box 2038, Farmington, N.M. 87499

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1850' FNL & 790' FWL (SW/NW)(E)

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

API #30-045-25924

12. COUNTY OR PARISH

San Juan

13. STATE

N.M.

15. DATE SPED

3-27-84

16. DATE TD REACHED

4-1-84

17. DATE COMPL. (Ready to prod.)

5-22-84

18. ELEVATIONS (DF, RKB, RT, GE, ETC.)*

5879' KB, 5875' GR

19. FLEV. CASINGHEAD

5875'

20. TOTAL DEPTH, MD & TVD

2300'

21. PLUG BACK T.D., MD & TVD

2243'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

→

All

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

1820-2224', Fruitland

25. WAS DIRECTIONAL SURVEY MADE

No

26. WERE ELECTRIC AND OTHER LOGS RUN

YES/CFD/CNL/GR/SP. FDL/CCL/GR/Cmt Bond Log

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB/FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT CURED |
|-------------|----------------|----------------|-----------|------------------------|--------------|
| 8-5/8" | 24 | 164' | 12-1/4" | 187 cu ft C1"B"/2% | 9 bbl |
| 4-1/2" | 10.5# | 2286' | 6-1/4" | 360 cu ft 65/35/6% gel | 1# perl/sx |
| | | | | 100 cu ft 50/50/2% ge | |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) |
|------|----------|-------------|---------------|-------------|
| | | | | |

30. TUBING RECORD

| SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|--------|----------------|-----------------|
| 1-1/2" | 2201' | - |

31. PERFORATION RECORD (Interval, size and number)

2182-93', 2219-24', 2142-58', 1820-43'
w/ 1 SPF, .38" dia (59 perfs)
2052-56', 2063-67', 1952-56',
1963-67', 1911-20' w/ 2 SPF, .38" dia
(50 perfs)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|---------------------------------------|
| 1820-2224' | 3500 gal 7-1/2% HCl, 1% KCl |
| | 62,500 gal 70 Q foam, 27,400/10/20 sd |

33. PRODUCTION

| DATE FIRST PRODUCTION | | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) | | | | WELL STATUS (Producing or shut-in) | |
|-----------------------|-----------------|---|-------------------------|-------------|--------------|------------------------------------|---------------|
| 4-13-84 | | Flowing | | | | Shut-in | |
| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD | OIL--BBL. | GAS--MCF. | WATER--BBL. | GAS-OIL RATIO |
| 8-3-84 | 3 | 2x3x3/4" | → | 0 | 107 | mist | - |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL--BBL. | GAS--MCF. | WATER--BBL. | OIL GRAVITY-API (CORR.) | |
| 51 | 312 | → | 0 | (1236 CAOF) | 859
trace | - | |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented during test, to be sold when producing

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

ACCEPTED FOR RECORD

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Barbara C. Rex

TITLE Prod. & Drlg. Technician DATE 8-24-84

Barbara C. Rex

(See Instructions and Spaces for Additional Data on Reverse Side)

BY

James

It is a crime for any person knowingly and willfully to make a false statement or to omit a material fact in connection with the filing of this report.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | TOP | |
|-----------|-----|--------|-----------------------------|-----------------|-------------|------------------|
| | | | | | MEAS. DEPTH | TRUE VERT. DEPTH |
| | | | | Ojo Alamo(base) | 1234' | same |
| | | | | Fruitland | 1540' | same |
| | | | | PC | 2134' | same |
| | | | | TD | 2300' | same |

LEA 2
Sec 30E, T31N, R12W

RE: Rule 303C, Para. 2, Requirement (f)

Measured bottom hole pressures for each zone were taken on the dates listed. The BHP of the Pictured Cliffs zone adjusted to a common datum of 1940' is 443 psig, which is within 50% of the upper zone pressure.

| <u>Zone</u> | <u>Date</u> | <u>SI Time (hrs)</u> | <u>BHP (psig)</u> | <u>Depth (ft)</u> |
|-----------------|-------------|----------------------|-------------------|-------------------|
| Pictured Cliffs | 4-26-84 | 120 | 498 | 2180 |
| Fruitland | 5-14-84 | 192 | 868 * | 1940 |

* Note: Fruitland BHP was taken with fluid in the wellbore 1148' from the surface. This does not prevent an accurate measurement of bottom hole pressure.

LEA 2
Sec 30E, T31N, R12W

RE: Rule 303C, Para. 2, Requirement (g)

We would like to request an exception to Rule 303C, Para. 2, Requirement (g). The Pictured Cliffs and Fruitland zones do not produce any liquids.

LEA 2

Sec 30E, T31N, R12W

RE: Rule 303C, Para. 2, Requirement (h)

We believe production will not decrease by commingling the Pictured Cliffs and Fruitland formations. The contribution of gas from the Fruitland formation is negligible compared to the Pictured Cliffs. Since the Fruitland GHP is greater than the Pictured Cliffs, decreased productivity due to crossflow between zones should not be a problem.

LEA 2
Sec 30E, T31N, R12W

RE: Rule 303D, Para. 2, Requirement (i)

We would like to allocate 95% gas to the Pictured Cliffs and 5% gas to the Fruitland formations, based on flow tests through a 3/4" choke following the completion and swabbing of a particular zone. The Fruitland zone had no fluid present in the tubing or annulus during its flow test on 5-19-84. Gas produced during the test was too small to measure. Therefore, Consolidated would like to allocate only 5% gas production to the Fruitland formation. Both zones do not produce any liquids.

TEST RESULTS

| | GAS (Mcf/d) | DATE |
|-----------------|---------------------------------------|---------|
| PICTURED CLIFFS | 317 * | 4-21-84 |
| FRUITLAND | slight blow
(too small to measure) | 5-19-84 |

* Note: Fracture treatment fluids were still being produced at the time this zone was tested.

LEA 2
Sec 30E, T31N, R12W

RE: Rule 303C, Para. 2, Requirement (j)

Certified letters of intent to commingle this well were sent to the attached list of offset operators, including the Bureau of Land Management. Sample copies of the letter and waiver are included.

Consolidated Oil & Gas, Inc.
List of Offset Operators

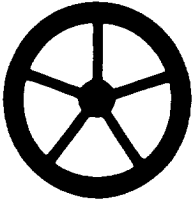
LEA 2

Amoco Production Company
501 Airport Dr
Farmington, New Mexico 87401

El Paso Natural Gas Company
P. O. Box 990
Farmington, New Mexico 87499

Union Texas Petroleum Company
P. O. Box 1290
Farmington, New Mexico 87499

Bureau of Land Management
Caller Service 4104
Farmington, New Mexico 87499



Consolidated Oil & Gas, Inc.

P. O. BOX 2038
FARMINGTON, NEW MEXICO 87499
(505) 632-8056

November 12, 1984

Amoco Production Company
Attn: Mr. Buddy Shaw
311 Airport Dr.
Farmington, New Mexico 87401

Re: Waiver for Administrative Approval of Downhole Commingling
for Consolidated Oil & Gas, Inc. Lea 2, Aztec Pictured Cliffs
ext. & Wildcat Fruitland Dual, 1850' FNL & 790' FWL, Sec 30E,
T10N R10W, San Juan Co., New Mexico

Dear Mr. Shaw,

Consolidated Oil & Gas, Inc. has submitted an application to the New Mexico Oil Conservation Division, as outlined in NMOCDD Rule 3000, to apply for approval to administratively commingle the Pictured Cliffs and Fruitland zones in the subject well. We are notifying your office of our intent, and would like you to sign and return each copy of the Waiver of Objection in the self addressed envelopes.

Please mail the waivers to Frank Chavez, New Mexico Oil Conservation Division, 1000 Rio Brazos Rd., Aztec, New Mexico 87410 and Dale Richardson, Consolidated Oil & Gas, Inc., P. O. Box 2038, Farmington, New Mexico 87499.

If you have any questions concerning this request please contact Wayne Converse at 632-8056.

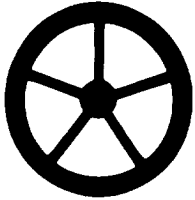
Yours very truly,

Dale Richardson
Production & Drilling Superintendent

DER:WLC:wc
Enclosures

cc: N. M. Oil Conservation Division, Santa Fe
N. M. Oil Conservation Division, Aztec

RECEIVED
NOV 14 1984
OIL & GAS DIV.
DEPT. 3



Consolidated Oil & Gas, Inc.

P. O. BOX 2038
FARMINGTON NEW MEXICO 87499
(505) 632-8056

November 12, 1984

El Paso Natural Gas Company
Attn: Mr. Don Walker
P. O. Box 890
Farmington, New Mexico 87499

Re: Waiver for Administrative Approval of Downhole Commingling
for Consolidated Oil & Gas, Inc. Lea 2, Aztec Pictured Cliffs
ext. & Wildcat Fruitland Dual, 1350' FHL & 790' FWL, Sec 30E,
T72N R10W, San Juan Co., New Mexico

Dear Mr. Walker,

Consolidated Oil & Gas, Inc. has submitted an application to the New Mexico Oil Conservation Division, as outlined in NMOCDD Rule 3030, to apply for approval to administratively commingle the Pictured Cliffs and Fruitland zones in the subject well. We are notifying your office of our intent, and would like you to sign and return each copy of the Waiver of Objection in the self addressed envelopes.

Please mail the waivers to Frank Chavez, New Mexico Oil Conservation Division, 1000 Rio Brazos Rd., Aztec, New Mexico 87410 and Dale Richardson, Consolidated Oil & Gas, Inc., P. O. Box 2038, Farmington, New Mexico 87499.

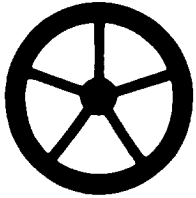
If you have any questions concerning this request please contact Wayne Converse at 632-8056.

Yours very truly,

Dale Richardson
Production & Drilling Superintendent

DER:WLC:wc
Enclosures

cc: N. M. Oil Conservation Division, Santa Fe
N. M. Oil Conservation Division, Aztec



Consolidated Oil & Gas, Inc.

P. O. BOX 2038
FARMINGTON, NEW MEXICO 87499
(505) 632-8056

November 12, 1984

Union Texas Petroleum Company
Attn: Mr. Rudy Motto
P. O. Box 1290
Farmington, New Mexico 87499

Re: Waiver for Administrative Approval of Downhole Commingling
for Consolidated Oil & Gas, Inc. Lea 2, Aztec Pictured Cliffs
ext. & Wildcat Fruitland Dual, 1850' FNL & 790' FWL, Sec 30E,
T11N, R10E, San Juan Co., New Mexico

Dear Mr. Motto,

Consolidated Oil & Gas, Inc. has submitted an application
to the New Mexico Oil Conservation Division, as outlined in NMCCD
Rule 3030, to apply for approval to administratively commingle
the Pictured Cliffs and Fruitland zones in the subject well. We
are notifying your office of our intent, and would like you to
sign and return each copy of the Waiver of Objection in the self
addressed envelopes.

Please mail the waivers to Frank Chavez, New Mexico Oil
Conservation Division, 1000 Rio Brazos Rd., Aztec, New Mexico
87410 and Dale Richardson, Consolidated Oil & Gas, Inc., P. O.
Box 2038, Farmington, New Mexico 87499.

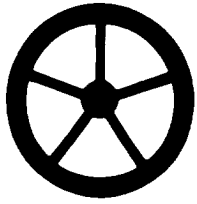
If you have any questions concerning this request please
contact Wayne Converse at 632-8056.

Yours very truly,

Dale Richardson
Production & Drilling Superintendent

DDR:WLC:wc
Enclosures

cc: N. M. Oil Conservation Division, Santa Fe
N. M. Oil Conservation Division, Aztec



Consolidated Oil & Gas, Inc.

P. O. BOX 2038
FARMINGTON NEW MEXICO 87499
(505) 632-8056

November 12, 1984

Bureau of Land Management
Attn: Area Manager
Caller Service 4104
Farmington, New Mexico 87499

Re: Waiver for Administrative Approval of Downhole Commingling
for Consolidated Oil & Gas, Inc. Lea 2, Aztec Pictured Cliffs
ext. & Wildcat Fruitland Dual, 1850' FNL & 790' FWL, Sec 30E,
T31N, R12W, San Juan Co., New Mexico

Gentlemen,

Consolidated Oil & Gas, Inc. has submitted an application to the New Mexico Oil Conservation Division, as outlined in NMOCDD Rule 303C, to apply for approval to administratively commingle the Pictured Cliffs and Fruitland zones in the subject well. We are notifying your office of our intent, and would like you to sign and return each copy of the Waiver of Objection in the self addressed envelopes.

Please mail the waivers to Frank Chavez, New Mexico Oil Conservation Division, 1000 Rio Brazos Rd., Aztec, New Mexico 87410 and Dale Richardson, Consolidated Oil & Gas, Inc., P. O. Box 2038, Farmington, New Mexico 87499.

If you have any questions concerning this request please contact Wayne Converse at 632-8056.

Yours very truly,

Dale Richardson
Production & Drilling Superintendent

DER:WLD:wc
Enclosures

cc: N. M. Oil Conservation Division, Santa Fe
N. M. Oil Conservation Division, Aztec

WAIVER OF OBJECTION AND
CONSENT TO COMINGLING THE
DUAL COMPLETION

OUR CONSOLIDATED OIL & GAS, INC.

THE UNDERSIGNED, as an offset operator/lease holder of a lease

offsetting LEA 2, PC/FRT Dual
 1850' FNL & 790' FWL
 Sec 30E, T31N, R12W
 San Juan Co., New Mexico

Does hereby acknowledge receipt of the letter requesting approval
of comingling of the above captioned well.

The undersigned hereby waives any objection to this application
and voluntarily consents to the comingling of the above captioned
well.

SIGNED: _____

NAME: _____

TITLE: _____

FIRM: _____

DATE: _____

Please find enclosed self addressed envelopes. Mail one copy to
Frank Chavez, New Mexico Oil Conservation Division, 1000 Rio Gratos
Rd., Aztec, New Mexico 87410 and Dale Richardson, Consolidated Oil
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