

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 South First, Artesia, NM 88210

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

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-21636	² Pool Code 82329	³ Pool Name Otero Chacra <i>EXT</i>
⁴ Property Code 016608	⁵ Property Name San Juan 28-7 Unit	⁶ Well Number 249
⁷ OGRID No. 005073	⁸ Operator Name Conoco Inc.	⁹ Elevation 5939

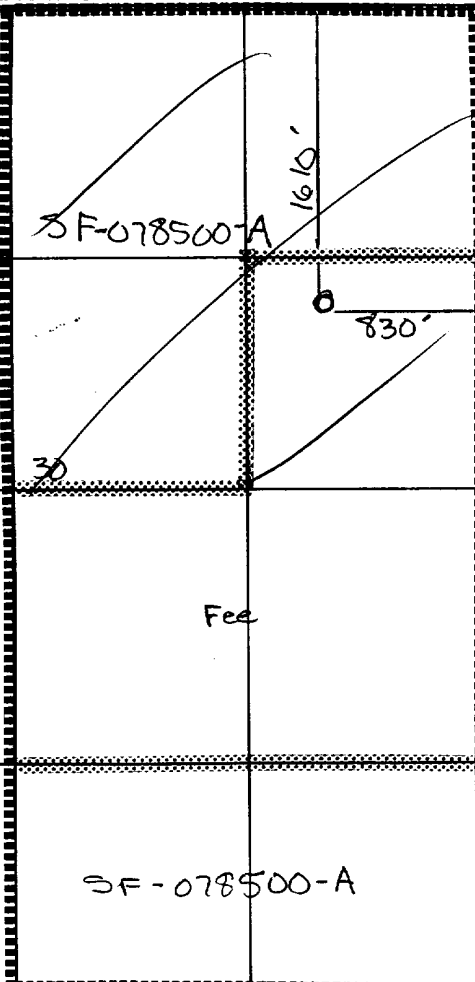
¹⁰ Surface Location

UL or lot no. H	Section 30	Township 28N	Range 7W	Lot Idn	Feet from the 1610'	North/South line North	Feet from the 830'	East/West line East	County Rio Arriba
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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 320 <i>160</i>	¹³ Joint or Infill Y	¹⁴ Consolidation Code U	¹⁵ Order No.						

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

16		¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
		Signature <i>Deborah Moore</i> Printed Name Deborah Moore Title Regulatory Analyst Date 09/20/99
		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.
		Date of Survey Signature and Seal of Professional Surveyer: Certificate Number

OC @

San Juan 28-7 Unit, Well #249
Recomplete to Chacra
DHC with Fruitland Coal Formation
July 21, 1999

Well Data

Surface casing: 9.625", 32.3#, H-40, 6 jts. set @ 205', cmt circ to surface.

Intermediate Casing: 7.0" OD, 6.46" ID, 20#, K-55, 90 jts., set @ 2794', TOC @ 1325' by TS.

Production Casing: 4.5" OD, 4.05" ID, 10.5#, K-55, 132 jts., from 2630' set @ 7021', TOC @ 2400' by TS.

Tubing size: 1.9016" OD, 1.50" ID, 81 joints landed at @ 2717'.

Perforations : FC perfs from 2317' – 2506'. Proposed Chacra Perfs from 3476' – 3496', & 3606' – 3620'.

Plug & fish (3' piece of perf gun bull plug) currently over proposed CH interval.

Completion details and well history contained in Wellview files and schematics

Procedure

- 1) Move in workover rig, hold safety meeting, note prevailing wind direction at location, designate muster point, review procedure, identify potential hazards, isolate lines and facilities, blow down lines, lock out tag out, spot equipment, rig up, WORK SAFELY!
- 2) Kill tubing, tag for fill, clean out to fish (2622' – 2625'), with air or foam and pull out of hole laying down, tubing is 1.9016" OD, 3.64#, 81 joints landed @ 2517'.
- 3) Rig up slickline and RIH with lead impression block to determine orientation of fish in 4.5" casing (listed as perf gun bull plug 3' long).
- 4) Fish with slick line or work string and POOH.
- 5) RIH with 3.875" bit and six 2.875" drill collars, on 2.375" work string and drill out cement retainer @ 2625' and cement plug 2630' – 3112'. Circulate mud out of hole that is below cement plug and clean out to top of next cement plug @ 4050'.
- 6) POOH work string laying down.
- 7) Rig up wireline and perforate Chacra with casing gun, 1 SPF, 3620' – 3606', and 3496' – 3476'. POOH wireline and rig down.
- 8) Pick up and RIH with treating packer and 2.875" frac string. Spot acid across perforation and set packer @ 3400'. Rig up BJ and balloff breakdown as per BJ's procedure. Unseat packer and knock balls off perfs.
- 9) Set packer and rig up BJ to frac down 2.875 frac string as per BJ's procedure.
- 10) Flow back, clean up, and test Chacra. Get stabilized 4 hr test and submit to Regulatory & Marc Shannon for developing DHC application/allocations (REFER TO DHC PERMIT STIPULATIONS!!!).
- 11) POOH 2.875" frac string laying down.
- 12) Pick up and RIH with 2.375" OD, 4.7#, production tubing with SN and mule shoe on bottom, tag for fill and clean out to 4050'. Blow well dry, land tubing at top Chacra perf @ 3476'. Drop rabbit in singles to check for tight spots, be careful not to over torque, run drift with sand line before rigging down, swab in if necessary.
- 13) RD BOP's, RU tree, Rig down move off, connect lines, notify operator to put on plunger lift production.