

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
Permit 81191

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address CANO PETRO OF NEW MEXICO, INC. 801 CHERRY STREET FORT WORTH, TX 76102		2. OGRID Number 248802
		3. API Number 30-005-29051
4. Property Code 303560	5. Property Name CATO SAN ANDRES UNIT	6. Well No. 557Y

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	10	08S	30E	O	164	S	1416	E	CHAVES

8. Pool Information

CATO:SAN ANDRES	10540
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 4109
14. Multiple N	15. Proposed Depth 4500	16. Formation San Andres	17. Contractor	18. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic ☐ mls thick Clay ☐ Pit Volume: bbls Drilling Method: Closed Loop System ☐ Fresh Water ☒ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐				

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	500	450	0
Prod	7.875	5.5	15.5	4500	700	400

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Hydri	2000	300	HYDRIL

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

Printed Name: CINDY CHAVEZ
Title: Regulatory Coordinator
Email Address: cindy@canopetro.com
Date: 9/2/08 Phone: 817-698-0900

OIL CONSERVATION DIVISION

Approved By:

Title: PETROLEUM ENGINEER

Approved Date:

Expiration Date: 9/2/10

DEC 03 2009

Guthrie Chavez

Jonathan Chavez

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 Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 copies

Fee Lease - 3 copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-005-29051	² Pool Code 10540	³ Pool Name Cato San Andres
⁴ Property Code 303560	⁵ Property Name C.S.A.U.	⁶ Well Number 557
⁷ OGRID No. 248802	⁸ Operator Name CANO PETROLEUM, INC.	⁹ Elevation 4109'

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
0	10	8 SOUTH	30 EAST, N.M.P.M.		139'	SOUTH	1416'	EAST	CHAVES

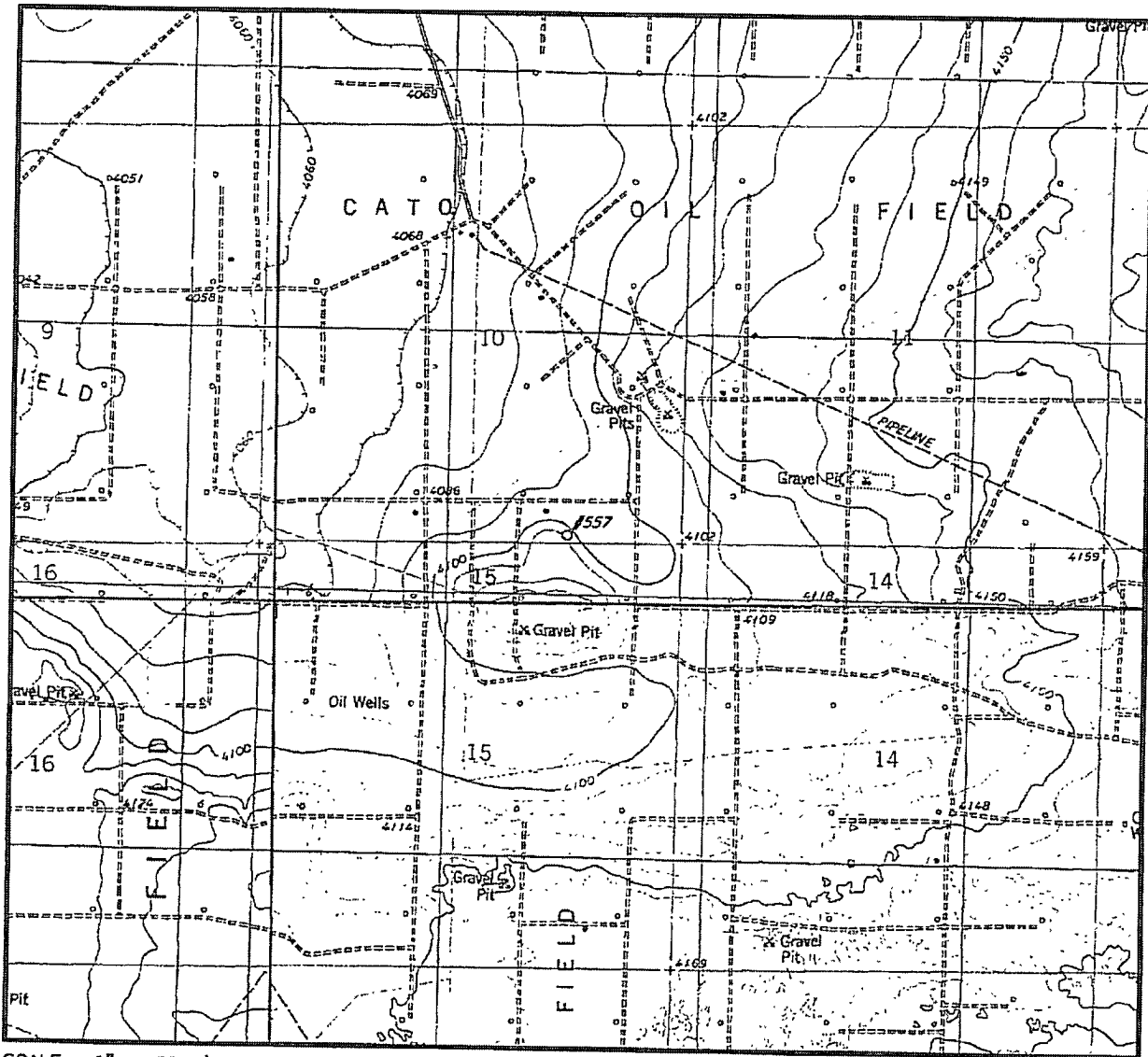
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
40									

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

NAD 27 NM E ZONE X = 643167 Y = 956096 LAT.: N 33.6273704 LONG.: W 103.8630015	1644 139'	1416'	OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or a leased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>Jonathan Chavez</i> 5/6/08 Signature CINDY CHAVEZ Printed Name	
			SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from first order of accuracy made by me or under my supervision, and that it is true and correct to the best of my belief.</i> APRIL 21, 2008 Date of Survey Signature and Seal of Professional Surveyor <i>Michael Blake Brown</i> Michael Blake Brown P.S. #18329 JOB # 134113 / 173 NE / L.A.S.	

LOCATION & ELEVATION VERIFICATION MAP



SCALE : 1" = 2000'

CONTOUR INTERVAL 10'

SECTION 10 TWP 8-S RGE 30-E

SURVEY NEW MEXICO PRINCIPAL MERIDIAN

COUNTY CHAVES STATE NM

DESCRIPTION 139' FSL & 1416' FEL

ELEVATION 4109'

OPERATOR CANO PETROLEUM, INC.

LEASE C.S.A.U. #557

U.S.G.S. TOPOGRAPHIC MAP

LONE WOLF, NEW MEXICO

SCALED LAT. LAT.: N 33.6273704

LONG. LONG.: W 103.8630015

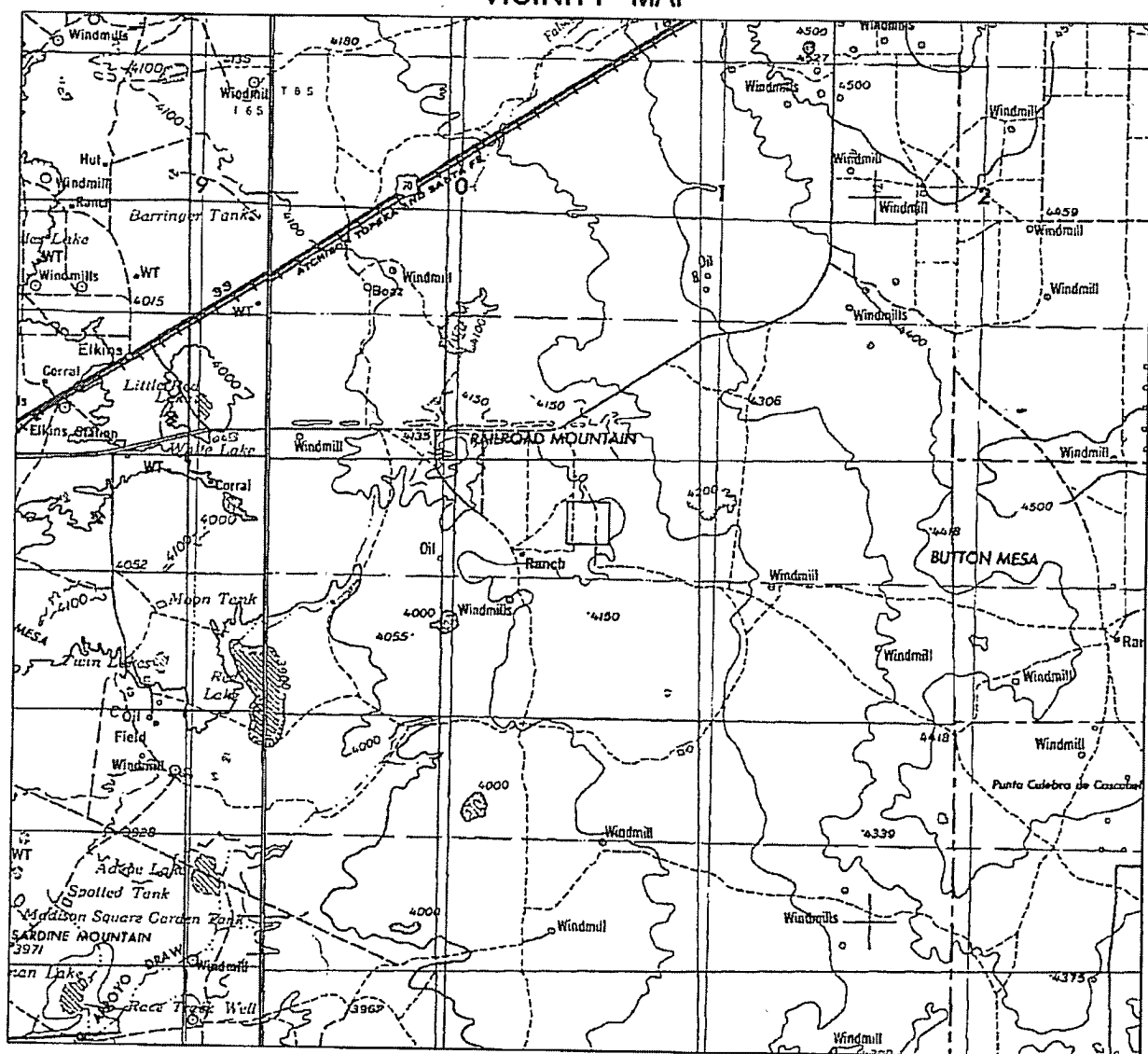


TOPOGRAPHIC LAND SURVEYORS

Surveying & Mapping for the Oil & Gas Industry

2903 N. BIG SPRING
MIDLAND, TX. 79705
(800) 767-1653

VICINITY MAP



SECTION 10 TWP 8-S RGE 30-E
 SURVEY NEW MEXICO PRINCIPAL MERIDIAN
 COUNTY CHAVES STATE NM
 DESCRIPTION 139' FSL & 1416' FEL

OPERATOR CANO PETROLEUM, INC.
 LEASE C.S.A.U. #557

DISTANCE & DIRECTION FROM ROSWELL, GO EAST 35.0 MI. ON
HWY. 380, THENCE NORTH 14.0 MI. ON LSE. RD.,
THENCE EAST 1.0 MI., THENCE NORTH 0.2 MI., THENCE
EAST 0.5 MI., THENCE NORTH 0.2 MI., THENCE SOUTH
0.2 MI., THENCE WEST 0.1 MI. TO A POINT ±400' NORTH
OF LOCATION.

TOPOGRAPHIC LAND SURVEYORS

Surveying & Mapping for the Oil & Gas Industry

This location has been very carefully staked on the ground according to the best official survey records, maps, and other data available to us.

Review this plot and notify us immediately of any possible discrepancy.

1307 N. HOBART
 PAMPA, TX. 79065
 (800) 658-6382

6709 N. CLASSEN BLVD.
 OKLAHOMA CITY, OK. 73116
 (800) 654-3219

2903 N. BIG SPRING
 MIDLAND, TX. 79705
 (800) 767-1653