

Application

Received: 10/03/2019

This application is placed in file for record. It MAY or MAY NOT have been reviewed to be determined Administratively Complete

RECEIVED: 10/3/19	REVIEWER: DM	TYPE: DHC	APP NO: pDM1929557415
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: _____ OGRID Number: 20208
 Well Name: _____ API: 30-043-20989
 Pool: _____ Pool Code: _____

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

- 1) **TYPE OF APPLICATION:** Check those which apply for [A]
 A. Location – Spacing Unit – Simultaneous Dedication
 NSL NSP (PROJECT AREA) NSP (PRORATION UNIT) SD
- B. Check one only for [I] or [II]
 [I] Commingling – Storage – Measurement
 DHC CTB PLC PC OLS OLM
 [II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

- 2) **NOTIFICATION REQUIRED TO:** Check those which apply.
 A. Offset operators or lease holders
 B. Royalty, overriding royalty owners, revenue owners
 C. Application requires published notice
 D. Notification and/or concurrent approval by SLO
 E. Notification and/or concurrent approval by BLM
 F. Surface owner
 G. For all of the above, proof of notification or publication is attached, and/or,
 H. No notice required

<u>FOR OCD ONLY</u>	
<input type="checkbox"/>	Notice Complete
<input type="checkbox"/>	Application Content Complete

3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

 Print or Type Name

 Date

 Signature

 Phone Number

 e-mail Address

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

District II
811 S. First St., Artesia, NM 88210

District III
1009 Rio Brazos Road, 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-107A
Revised August 1, 2011

APPLICATION TYPE
X Single Well
____ Establish Pre-Approved Pools
EXISTING WELLBORE
X Yes ____ No

APPLICATION FOR DOWNHOLE COMMINGLING

20208] SAN JUAN RESOURCES, INC **1499 Blake St, #10C Denver, CO 80202**

Operator _____ Address _____
REGINA RANCH FEDERAL 32 #001 **M-32-23N-01W** **SANDOVAL**

Lease _____ Well No. _____ Unit Letter-Section-Township-Range _____ County _____
OGRID No. 313150 Property Code _____ API No. 30-043-20989 Lease Type: X Federal ____ State ____ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	BLANCO P. C.	MANCOS OIL	
Pool Code	72439	97521	
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2,801'-2,886' Select Fire 56 Holes	6,272' - 7,066' Perforated 4SPF 100 Holes	
Method of Production (Flowing or Artificial Lift)	FLOWING	Artificial Lift	
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1250		
Producing, Shut-In or New Zone	PRODUCING	Shut In Cast Iron Bridge Plugs set @6,200' & 6,600'	
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: 3/30/2019 Rates: 11 MCF/D	Date: N/A Rates:	Date: Rates:
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 0 % 100 %	Oil Gas 100% 0%	Oil Gas % %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes X No ____
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ____ No ____

Are all produced fluids from all commingled zones compatible with each other? Yes X No ____

Will commingling decrease the value of production? Yes ____ No X

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes ____ No X

NMOCDD Reference Case No. applicable to this well: _____

Received by OGD: 10/31/2019 4:29:57 PM

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE  TITLE Agent / Reg Manager DATE 10/31/2019
TYPE OR PRINT NAME Vanessa Fields TELEPHONE NO. (805) 787-9100
E-MAIL ADDRESS vanessa@walsheng.net

REGINA RANCH FEDERAL 32 #001
M-32-23N-01W
Sandoval County, NM
435 FSL 990 FWL
LAT 36.17424 LONG -106.97145

API # 30-043-20989 Lease# NM-101990
Drill out Cast Iron Bridge Plugs and commingle Gallup (Upper & Lower) with Pictured Cliffs
SAN JUAN RESOURCES

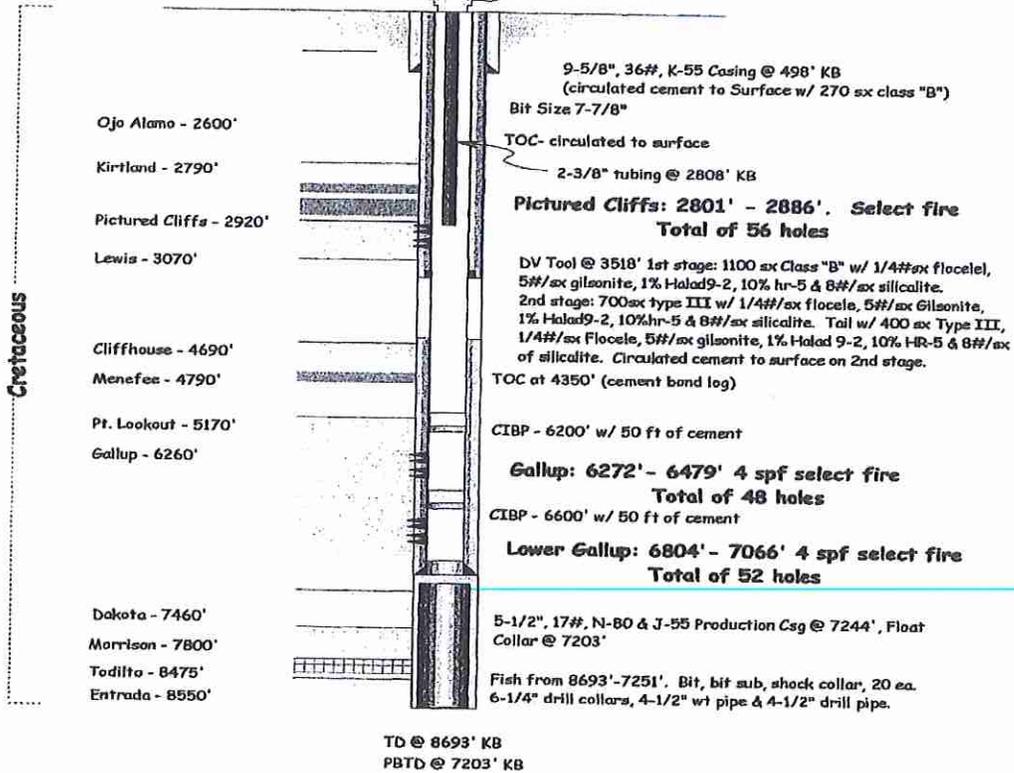
String/Hole Type	Taper	Date Set	Diameter	Top	Bottom (Depth)	Grade	Length	Weight	Bot of Cem	Top of Cem	Meth	Class of Cement	Sacks	Pressure Test (Y/N)
Hole 1	1	#####	12.25	0	507		0	0	0	0			0	No
Surface Casing	1	#####	9.625	0	498	J-55	498	36	498	0	Circ	Class B Cement	270	No
Hole 2	1	#####	6.25	0	8693		0	0	0	0			0	No
Production Casing	1	#####	5.5	0	7244	J-55	0	17	7244	0	Circ	Class B Cement	2200	No

Westerly Exploration, Inc.
Wellbore Schematic
Regina Ranch 32#1
Current Wellbore Configuration

Location: 435' fsl & 990' fwl
Sec 32, T23N, R1W, NMPM
Sandoval Co, New Mexico
Prepared: April 6, 2005

Elevation: 7423' GL
7439' RKB
Field: Wildcat

Prepared by: John Thompson



Rate/Time Graph

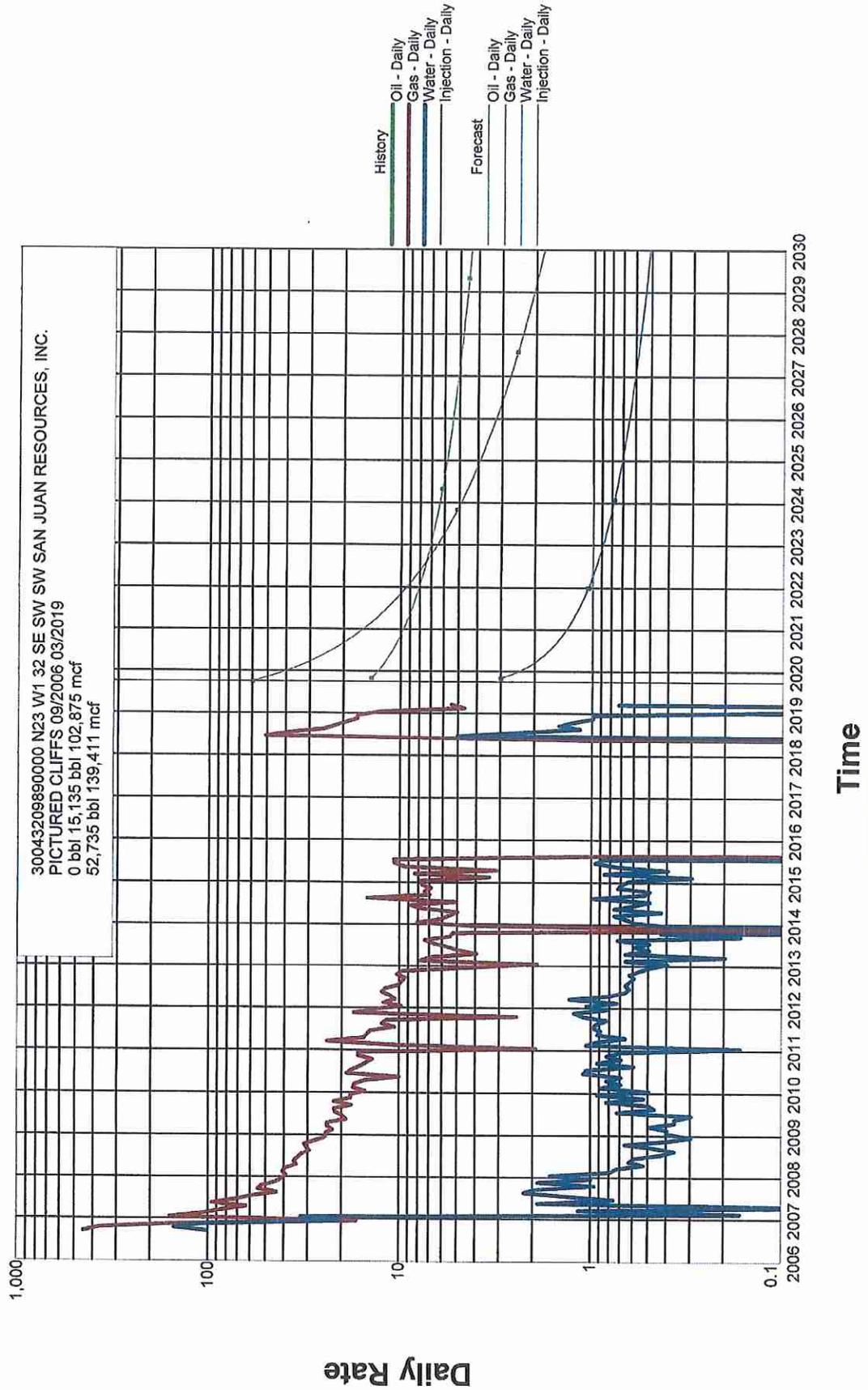
Project: N:\SAN JUAN RESOURCES, INC\SR SAN JUAN BASIN 5-13-19.mdb

Date: 9/30/2019
Time: 9:27 AM

Lease Name: REGINA RANCH FEDERAL 32 (1)
County, ST: SANDOVAL, NM
Location: N23 W1 32 SE SW SW

Operator: SAN JUAN RESOURCES, INC.
Field Name: BLANCO SOUTH

REGINA RANCH FEDERAL 32 - 1



Rate/Time Graph

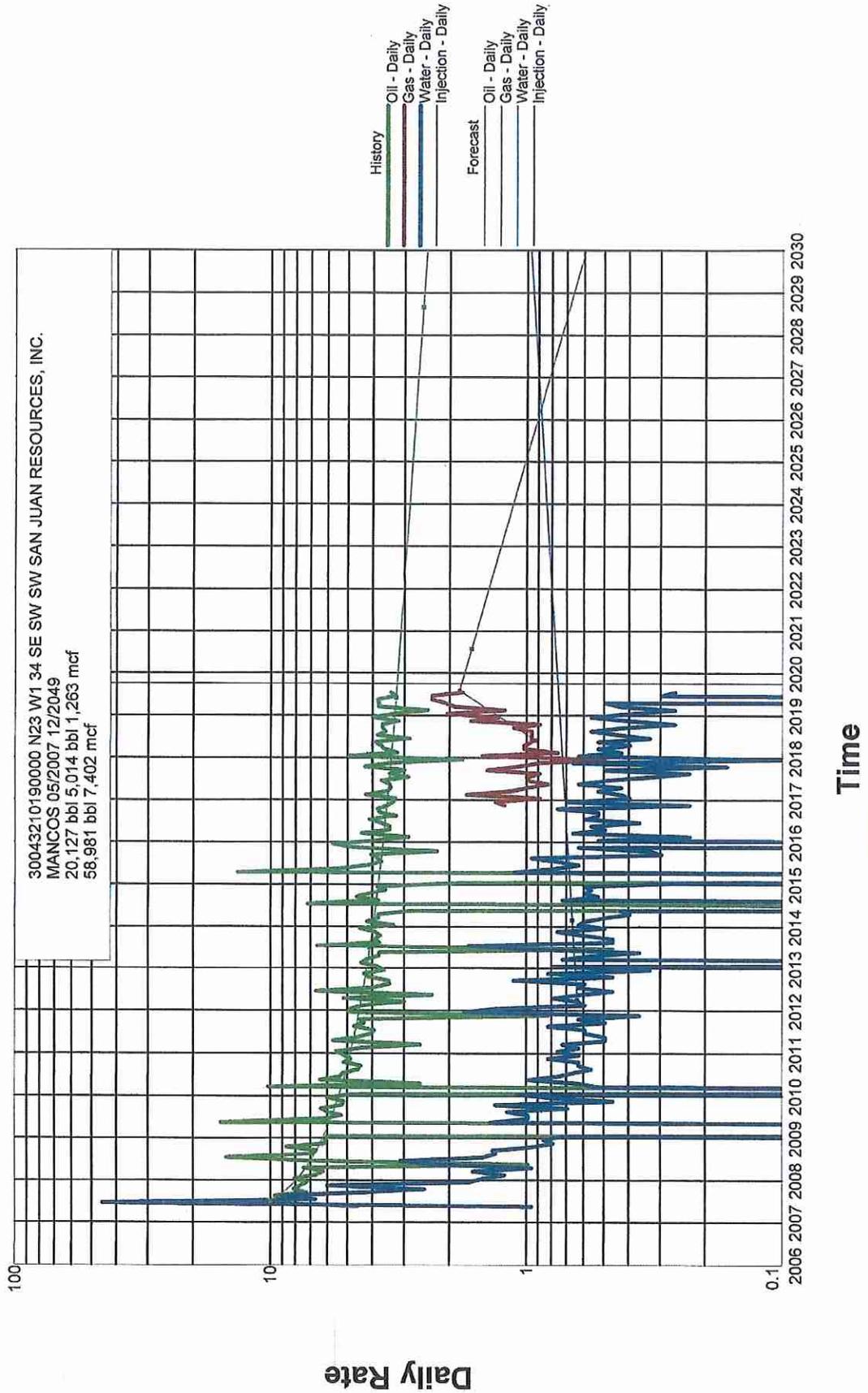
Project: N:\SAN JUAN RESOURCES, INC\SR SAN JUAN BASIN 5-13-19.mdb

Date: 9/30/2019
Time: 9:27 AM

Lease Name: ROMERO FEDERAL 34 (1)
County, ST: SANDOVAL, NM
Location: N23 W1 34 SE SW SW

Operator: SAN JUAN RESOURCES, INC.
Field Name: WILDCAT

ROMERO FEDERAL 34 - 1



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 & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised June 10, 2003

Submit to Appropriate District Office
5 Copies

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address WESTERLY EXPLORATION C/O Thompson Engineering & Prod. Corp., 7415 E. Main St., Farmington NM 87402		² OGRID Number 22568
⁴ API Number 30-043-20989		³ Reason for Filing Code/ Effective Date New Well / 06/15/06
⁵ Pool Name SOUTH BLANCO PICTURED CLIFFS	160 SW/4 NSL 5423 (7-12-06)	⁶ Pool Code 72439
⁷ Property Code 34386	⁸ Property Name REGINA RANCH FEDERAL 32	⁹ Well Number #1

II. 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
M	32	23N	01W		435'	SOUTH	990'	WEST	Sandoval, NM

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	32	23N	01W		435'	SOUTH	990'	WEST	Sandoval, NM

¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
F	F				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
	Enterprise Field Services, LLC PO Box 4990 Farmington, NM 87499		G	M-32 T23N R01W 435' FSL & 990' FWL



IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description
	N SEC. 28, T30N, R12W

V. Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBTD	²⁹ Perforations	³⁰ DHC, MC
11/20/05	06/15/06	8693'	6150'	2802-2886	
³¹ Hole Size	³² Casing & Tubing Size	³³ Depth Set	³⁴ Sacks Cement		
12 1/2"	9 5/8"	498'	270 SX (421 cu. ft.)		
7 7/8"	5 1/2"	7244'	1100 SX (1717 cu. ft.) 700 sx (310 cu. ft.)		
	2 3/8" / TUBING	2808'			

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date	³⁸ Test Length	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
		06/14/06			60 psi
⁴¹ Choke Size	⁴² Oil	⁴³ Water	⁴⁴ Gas	⁴⁵ AOF	⁴⁶ Test Method
					F

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *John C. Thompson*

Printed name: John C. Thompson,

Title: Agent

E-mail Address: john@walsheng.net

Date: 06/15/06

Phone: (505) 327-4892

7-12-06 OIL CONSERVATION DIVISION

Approved by: *Charles N. 743*

Title: SUPERVISOR DISTRICT # 3

Approval Date: JUN 21 2006

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FOR APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

1a. Type of Well Oil Well Gas Well Dry Other
b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr. Other

5. Lease Serial No.
NM 101990

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
070 FARMINGTON

2. Name of Operator

WESTERLY EXPLORATION

3. Address C/O THOMPSON ENGINEERING & PROD. CORP.
7415 EAST MAIN ST., FARMINGTON, NM 87402

3a. Phone No. (include area code)
(505) 327-4892

8. Lease Name and Well No.
REGINA RANCH FED. 32 #1

9. API Well No.
30-043-20989

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At Surface 435' FSL & 990' FWL

10. Field and Pool, or Exploratory
SOUTH BLANCO PICTURED CLIFFS

11. Sec., T., R., M., on Block and Survey or Area
SEC 32 T23N R1W

12. County or Parish SANDOVAL
13. State NM

14. Date Spudded
11/20/2005

15. Date T.D. Reached
12/17/2005

16. Date Completed
 D&A Ready to Prod. 12/24/2005

17. Elevations (DF, RKB, RT, GL)*
7423' GR

18. Total Depth: MD
8693'

19. Plug Back T.D.: MD
7203'

20. Depth Bridge Plug Set: MD NONE
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL LOG, ARRAY INDUCTION GAMMA RAY, & TRIPLE LITHOLOGY
DENSITY - HI RES COMPENSATED NEUTRON

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit report)
Directional Survey? No Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Skcs. & Type of Cement	Slurry Vol. (BBL)	Cement Top*
12 1/4"	9 5/8"	36			498'	270 SX (421) CLASS "B"	75.0	SURFACE
7 7/8"	5 1/2"	17			7244'	1100 SX (1717cu.ft.) of class "B"-1st stage	196.0	4350
						700 sx (1092cu.ft.)Type III w/add.-2nd stage	306.0	SURFACE
						400 sx (624 cu.ft.)Type III w/add.		

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	2808'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PICTURED CLIFFS	2802	2886	2802,13',17',21',24',29'40'	.34"	56	
B)			44',48',52',75',78',81',&86'			
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
2802',13',17',21',24',29'40'	15,000 gal pad of 20# cross linked gel in a 70 Quality foam at 40 bpm (downhole rate), followed by 100,000# of 20/40 Brady sand
44',48',52',75',78',81',&86'	in 1.0 - 6.0 ppg stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
	6/14/2006	2.4	→		155.9				FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
		60	→		155.9				

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	



ACCEPTED FOR RECORD
JUN 20 2006
FARMINGTON FIELD OFFICE

(See instructions and spaces for additional data on reverse side)

NMOCOD

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SHUTIN, WAITING ON PIPELINE CONNECTION

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

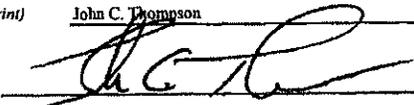
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				OJO ALAMO KIRTLAND SHALE PICTURED CLIFFS	950' 1800' 2790'

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
 2. Geologic Report
 3. DST Report
 4. Directional Survey
 5. Sundry Notices for plugging and cement verification
 6. Core Analysis
 7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) John C. Thompson Title Agent
 Signature  Date 6/15/2006

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer DD, Artesia, NM 88211-0719

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

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

2000 JUN 8 AM 10 07 AMENDED REPORT

RECEIVED

070 FARMINGTON NM

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-043-20989		*Pool Code 72439	*Pool Name South Blanco P.C.
*Property Code 34386	*Property Name REGINA RANCH FEDERAL 32		*Well Number 1
*DGRID No. 22568	*Operator Name TEXAS CRUDE		*Elevation 7423'

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
M	32	23N	1W		435	SOUTH	990	WEST	SANDOVAL

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 SW/4 160 Acres	¹³ Joint or Infill N	¹⁴ Consolidation Code	¹⁵ Order No. NSL-5423 (7-12-06)
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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

<p>¹⁶</p> <p>LAT: 36° 10.4540' N LONG: 106° 59.2508' W DATUM: NAD27</p> <p>990'</p> <p>45° 35'</p> <p>5280.00'</p> <p>5280.00'</p> <p>32</p> <p>FARMINGTON</p>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Paul C. Thompson</i> Signature</p> <p>Paul C. Thompson Printed Name</p> <p>AGENT Title</p> <p>7/6/04 Date</p>
	<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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.</p> <p>Survey Date: MARCH 25, 2004</p> <p>Signature and Seal of Professional Surveyor</p> <p>JASON C. EDWARDS Certificate Number 15269</p>