

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-35813
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator LEGACY RESERVES OPERATING LP		6. State Oil & Gas Lease No.
3. Address of Operator PO BOX 10848, MIDLAND, TX 79702		7. Lease Name or Unit Agreement Name DASHER 16 STATE
4. Well Location Unit Letter <u>E</u> : <u>1865</u> feet from the <u>NORTH</u> line and <u>730</u> feet from the <u>WEST</u> line Section <u>16</u> Township <u>16S</u> Range <u>30E</u> NMPM County <u>EDDY</u>		8. Well Number <u>2</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3808' GL		9. OGRID Number 240974
		10. Pool name or Wildcat HENSHAW; GRAYBURG SA

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☒ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

---SEE ATTACHED PROCEDURE, CURRENT AND PROPOSED WELLBORE DIAGRAMS---

TA status may be granted after a
successful MIT test is performed.
Contact the OCD to schedule the test
so it may be witnessed.

LAST PROD 10/1/2014

NM OIL CONSERVATION
ARTESIA DISTRICT

DEC 04 2014

RECEIVED

Spud Date:

Rig Release Date:

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

SIGNATURE

Blain Lewis

TITLE ENGINEERING MANAGER

DATE 12/02/2014

Type or print name BLAIN LEWIS

E-mail address: blewis@legacyp.com

PHONE: 432-689-5200

For State Use Only

APPROVED BY:

Rebecca Lewis

TITLE COMPLIANCE OFFICER

DATE 12/17/14

Conditions of Approval (if any):

Dasher 16 State #2

Sundry Notice of NMOCD Approval to Temporarily Abandon

NMOCD approval is respectfully requested to lay down all the current rods, pump and tubing equipment; install a cast iron bridge plug (CIBP) on wireline at 2750' above the current Grayburg perforations from 2830'-2972'; dump 35' of cement on top of the CIBP using a dump bailer for PBTD 2715'; and perform a mechanical integrity test (MIT) to 500 psig for 30 minutes on the 5-1/2" production casing. If a successful MIT is obtained, we propose that the well be temporarily abandoned pending the evaluation of possible recompletion or a proposal to plug and abandon the wellbore. If the well fails the MIT test, a proposal to plug and abandon the wellbore will be promptly submitted for NMOCD approval.



Dasher 16 State #2

Current wellbore diagram

FIELD: Henshaw; Grayburg San Andres

GL: 3808'

LATEST UPDATE: 10/24/2013

COUNTY: Eddy

KB: 3820'

BY: MAL

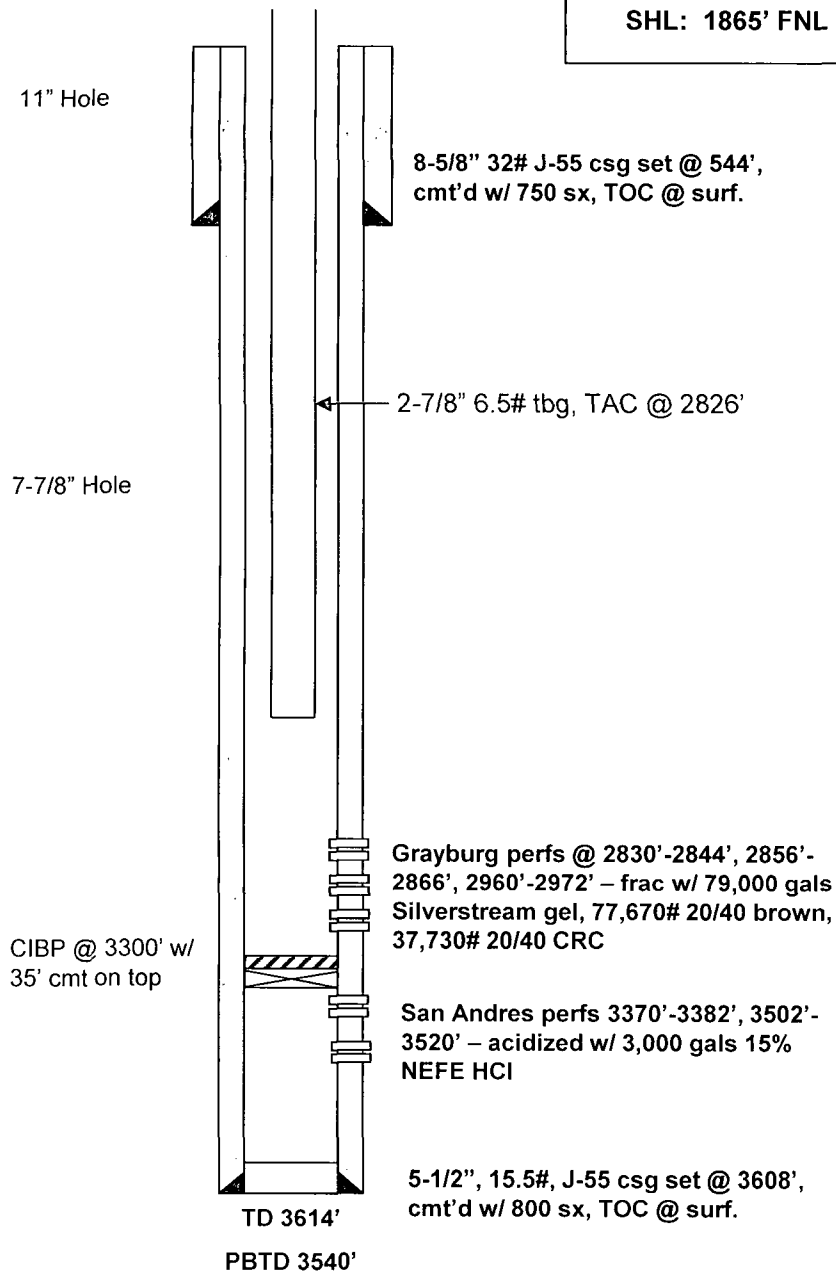
STATE: New Mexico

SPUD DATE: 08/14/08

API No: 30-015-35813

Location:

SHL: 1865' FNL & 730' FWL, Sec 16, T16S, R30E



09/09/08

Perf San Andres @ 3502-20'

09/10/08

Acidized San Andres 3502-20' w/ 1500
gals 15% NEFE, bioballs

09/15/08

Acidized upper San Andres perfs 3370-
82' w/ 1500 gals 15% NEFE, bioballs

01/23/09

Set CIBP @ 3300', perf Grayburg @
2830-44', 14 shots, 2856-66', 10 shots,
2960-72', 12 shots, cap CIBP w/ 35' cmt

01/26/09

Acidized 2830-2972' w/ 2700 gals 15%
acid, 60 ball sealers

01/29/09

Frac perfs 2830-44', 2856-66', 2960-72'



Dasher 16 State #2

Proposed wellbore diagram

FIELD: Henshaw; Grayburg San Andres

GL: 3808'

LATEST UPDATE: 10/24/2013

COUNTY: Eddy

KB: 3820'

BY: MAL

STATE: New Mexico

SPUD DATE: 08/14/08

API No: 30-015-35813

Location:

SHL: 1865' FNL & 730' FWL, Sec 16, T16S, R30E

11" Hole

8-5/8" 32# J-55 csg set @ 544',
cmt'd w/ 750 sx, TOC @ surf.

7-7/8" Hole

CIBP @ 2750' w/
35' cmt on top

CIBP @ 3300' w/
35' cmt on top

Grayburg perms @ 2830'-2844', 2856'-
2866', 2960'-2972' – frac w/ 79,000 gals
Silverstream gel, 77,670# 20/40 brown,
37,730# 20/40 CRC

San Andres perms 3370'-3382', 3502'-
3520' – acidized w/ 3,000 gals 15%
NEFE HCl

5-1/2", 15.5#, J-55 csg set @ 3608',
cmt'd w/ 800 sx, TOC @ surf.

TD 3614'

PBTD 3540'

09/09/08

Perf San Andres @ 3502-20'

09/10/08

Acidized San Andres 3502-20' w/ 1500
gals 15% NEFE, bioballs

09/15/08

Acidized upper San Andres perms 3370-
82' w/ 1500 gals 15% NEFE, bioballs

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01/26/09

Acidized 2830-2972' w/ 2700 gals 15%
acid, 60 ball sealers

01/29/09

Frac perms 2830-44', 2856-66', 2960-72'



Scout Ticket

Thu Oct 30, 2014

30015358130000

General Information

2 DASHER 16 STATE

Data Source:	PI	IC:	
API:	30015358130000	County:	EDDY
State:	NEW MEXICO	Operator:	COG OPERATING LLC
Field:	HENSHAW	Current Operator:	LEGACY RESERVES OPERATING LP
Current Status:	A	Final Well Class:	DEVELOPMENT WELL-OIL (DO)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	OIL
Status:	OIL	Hole Direction:	VERTICAL
Permit:	on Sep 19, 2007	Abandonment Date:	
First Report Date:	Sep 20, 2007	Projected Formation:	WOLFCAMP
Projected TD:	7,900 FT	Formation at TD:	SAN ANDRES
Geologic Province:	PERMIAN BASIN	Play Type:	
Play Name:			
IP Summary:			
Oil: 3 BPD	Gas:	Water: 8 BBL	Condensate:
			Top Form: SAN ANDRES

Location

Section, Twp., Range:	16 16S 30E	Data Source:	PI
Spot Code:	NE SW NW		
Footage NS EW Origin:	1865 FNL 730 FWL CONGRESS SECTION		
Principal Meridian:	NEW MEXICO		
Lat/Long:	+32.9235313 -103.9827951	Lat/Long Source:	IH
		Datum:	NAD27

Location Narrative

Data Source	Type	Remark
PI	SCALED_FOOT	REGULATORY
PI	IRREG_SECT	N

Dates and Depths

Data Source:	PI	Spud Date Code:	A
Spud:	Aug 14, 2008	TD Date:	Aug 19, 2008
TD:	3,614 FT	PlugBack Depth:	3,564 FT
TVD:		Formation Name TD:	SAN ANDRES
Formation Code TD:	453SADR	KB. Elevation:	3,820 FT
Ref. Elevation:	3,820 FT KB	LTD:	
Ground Elevation:	3,808 FT GR		
Contractor:	NOT REPORTED		
Completed:	Dec 11, 2008	Final Drilling:	Aug 19, 2008
Rig Release Date:		Rig #:	
Tool:	ROTARY		

Initial Potential Tests

IP: 001	Data Source: PI		
Top Formation Name:	SAN ANDRES	Top Formation Code:	453SADR
Base Formation Name:	SAN ANDRES	Base Formation Code:	453SADR
Oil:	3 BPD	Condensate:	
Gas:		Water:	8 BBL
Interval:	2,830 - 2,972 GROSS	Method:	PUMPING
Duration of Test:	Hours	Choke:	
Oil Gravity:	30.4 API	GOR:	

Scout Ticket



Thu Oct 30, 2014

Cond Gravity:

Cond Ratio:

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	2830 - 2844				1 FT	PERF	453SADR	SAN ANDRES
001	PI	2856 - 2866				1 FT	PERF	453SADR	SAN ANDRES
001	PI	2960 - 2972				1 FT	PERF	453SADR	SAN ANDRES

Treatments

Treatment: 001

Interval: 2,830 - 2,972

Fluid: 2,700 GAL

ACID

Type: A

Additive:

Prop Agent:

Amount:

Form Break Down Pressure:

Average Injection Rate:

Instant Shut-in Pressure:

Stages:

Remarks:

Treatment: 001

Interval: 2,830 - 2,972

Fluid: 79,000 GAL

FRAC

Type: GEL

Additive:

Prop Agent: SAND

Amount: 115,400 LB

Form Break Down Pressure:

Average Injection Rate:

Instant Shut-in Pressure:

Stages:

Remarks:

DETAILS: SILVERSTIM, 77670# BROWN SD, 37730# CRC SD

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	8 5/8 IN	544 FT	750 SACK
CASING	PI	5 1/2 IN	3,608 FT	800 SACK
Tubing	Data Source	Size	Mixed String	Base Depth
TUBING	PI	2 7/8 IN		2,826 FT

Drilling Journal

Drilling Remark

Drilling Remark	Data Source	Date	Remark
1	PI	Mar 13, 2009	ELEV CHGD FROM 3808 GR

Formations

Form Code	Top Source	Interpreter	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
453YTES	PI		YATES	1,325				LOG		453
453QUEN	PI		QUEEN	2,100				LOG		453
453SADR	PI		SAN ANDRES	2,750				LOG		453

Logs

Log	Data Source	Type	Top Depth	Base Depth	Logging Co.	BHT	since circ.
1	PI	CNL					
2	PI	MICL					

Dwights Energydata Narrative

Scout Ticket



Thu Oct 30, 2014

Accumulated through 1997

Operator Address

Data Source: PI

Street or PO Box: 550 WEST TEXAS AVENUE

STE 1300

City: MIDLAND

State, Zip: TX, 79701

Country: USA

Phone: 4326854342

Fax:

E-Mail:

Agent Name:

Agent Code:

Agent Remark: KUYKENDALL DIANE;REG ANALYST;;;;432;685;4372