

Submit To Appropriate District Office  
Two Copies  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., 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

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

COPY

Form C-105  
Revised August 1, 2011

1. WELL API NO.  
30-015-26317
2. Type of Lease  
☒ STATE ☐ FEE ☐ FED/INDIAN
3. State Oil & Gas Lease No.  
SHUGART A STATE COM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:

- ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)
- ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

7. Type of Completion:

☐ NEW WELL ☐ WORKOVER ☐ DEEPENING ☒ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator

LEGACY RESERVES OPERATING LP

10. Address of Operator

PO BOX 10848  
MIDLAND, TX 79702

5. Lease Name or Unit Agreement Name

6. Well Number:

1

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NMOCD ARTESIA

9. OGRID

240974

11. Pool name or Wildcat

SHUGART, NORTH (STRAWN)

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	C	16	18S	31E		660	NORTH	1980	WEST	EDDY
BH:										

- |   |   |  |   |  |
|---|---|--|---|--|
| 13. Date Spudded<br>09/09/2013              | 14. Date T.D. Reached<br>09/12/2013     | 15. Date Rig Released<br>10/17/2013    | 16. Date Completed (Ready to Produce)<br>10/17/2013 | 17. Elevations (DF and RKB,<br>RT, GR, etc.) GL: 3673' |
| 18. Total Measured Depth of Well<br>11,900' | 19. Plug Back Measured Depth<br>11,568' | 20. Was Directional Survey Made?<br>NO | 21. Type Electric and Other Logs Run<br>CBL         |  |

22. Producing Interval(s), of this completion - Top, Bottom, Name

10,700'-10,926' STRAWN

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	32#	627'	17 1/2"	650 sx	NONE
8 5/8	24# & 28#	4508'	12 1/4"	700 sx	NONE
4 1/2	11.6#	11900'	7 7/8"	960 sx	NONE

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	10,343'	

25. TUBING RECORD

26. Perforation record (interval, size, and number)  
10,700'-10,926' (210 HOLES)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
10,700'-926'	ACIDIZE W/4,000 GALS 20% HCl

28. PRODUCTION

Date First Production 10/17/2013	Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING 2" X 1 1/4" X 26'	Well Status (Prod. or Shut-in) SHUT-IN
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Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
10/20/2013	24			0	1	60	0
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
			0	1	60		

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

30. Test Witnessed By

31. List Attachments

C-102

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude

Longitude

NAD 1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Craig Sparkman Printed Name CRAIG SPARKMAN Title OPERATIONS ENGINEER Date 02/25/14

E-mail Address

# INSTRUCTIONS

his form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or reopened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

## OIL OR GAS SANDS OR ZONES

Jo. 1, from ..... to ..... No. 3, from ..... to .....  
Jo. 2, from ..... to ..... No. 4, from ..... to .....

## IMPORTANT WATER SANDS

include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from ..... to ..... feet.

No. 2, from ..... to ..... feet.

No. 3, from ..... to ..... feet.

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

Extra Copies  
Extra Leases - 4 copies  
Extra Leases - 3 copies

# IL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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FEB 28 2014

NMOCD ARTESIA

## DISTRICT I

O. Box 1980, Hobbs, NM 88240

## DISTRICT II

O. Drawer DD, Artesia, NM 88210

## DISTRICT III

000 Rio Bruzcos Rd., Aztec, NM 87410

## WELL LOCATION AND ACREAGE DEDICATION PLAT

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

Operator LEGACY RESERVES OPERATING LP			Lease SHUGART A STATE COM		Well No. 1
Unit Letter C	Section 16	Township 18S	Range 31E	County NMNM	EDDY
Actual Footage Location of Well: 660 feet from the NORTH line and 1980 feet from the WEST line					
Ground level Elev. 3673.3	Producing Formation STRAWN		Pool SHUGART NORTH (STRAWN)	Dedicated Acreage: 320 Acres	

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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

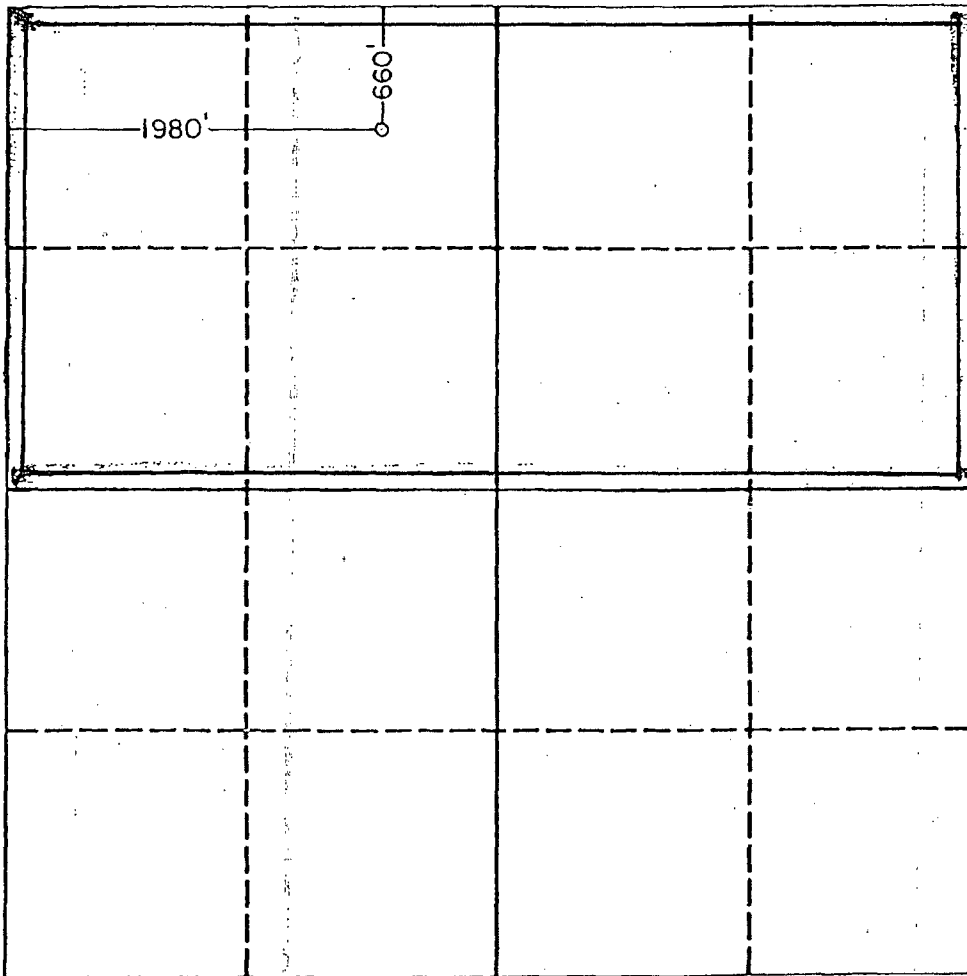
☒ Yes

☐ No

If answer is "yes" type of consolidation Communitization, force-pooling

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, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



## OPERATOR CERTIFICATION

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

Signature

*Craig Sparkman*

Printed Name

CRAIG SPARKMAN

Position

OPERATIONS ENGINEER

Company

LEGACY RESERVES OPERATING LP

Date

02/25/2014

## 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 knowledge and belief.

Date Surveyed

March 12, 1990

Signature of Registered Professional Surveyor

*John W. West*  
REGISTERED PROFESSIONAL SURVEYOR  
NO. 676  
676  
JOHN W. WEST  
3239

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0