Form 3160-5<sub>v</sub> (Aagust 2007)



### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

JUL 29 2008
OCD-ARTESIA. Lease Scrial No. NM89882 FORM APPROVED OMB No 1004-0137 Expires: July 31, 2010

SUNDRY NUTICES AND REPORTS ON WELLS	
of use this form for proposals to drill or to re-enter an	

6. If Indian, Allottee or Tribe Name

	orm for proposals t Use Form 3160-3 (A							
SUBMI	T IN TRIPLICATE - Other	7. If Unit of CA/Agreement, Name and/or No.						
J. Type of Well  Oil Well  Gas Well  Other					8. Well Name and No. JOHNSON B FEDERAL A/C 2 #3			
2. Name of Operator LEGACY RESERVES OPERATING LP					9. API Well No. 30-015-20318			
A. Address P.O BOX 10848 MIDLAND, TX 79702  3b. Phone No. (include area code) (432)689-5200					10. Field and Pool or Exploratory Area SHUGART YATES, 7RVRS, QN, GRAYBURG			
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)  990' FSL & 660' FEL, SECTION 15, T-18-S, R-31-E					11. Country or Parish, State EDDY COUNTY, NM			
12. CHEC	K THE APPROPRIATE BO	X(ES) TO IND	ICATE NATUR	E OF NOTIC	E, REPORT OR OTH	HER DATA		
TYPE OF SUBMISSION			TY	ION				
Notice of Intent	Acidize Alter Casing	Fract	Deepen Production (Start/Resume) Fracture Treat Reclamation			Water Shut-Off Well Integrity		
Subsequent Report  Final Abandonment Notice	Casing Repair Change Plans Convert to Injection		Construction and Abandon Back	Temp	mplete porarily Abandon r Disposal	Other		
SEE ATTACHED - SEE ATTACHED -	ED FOR OF APPROVAL	A	ccepted NM(	for rec	cord	JUL 2 7 2008  JAMES A. AMOS SUPERVISOR-EPS		
14. I hereby certify that the foregoing is to	rue and correct. Name (Printed	d/Typed)						
D. PATRICK DARDEN, P.E.	D. PATRICK DARDEN, P.E.			Title SENIOR ENGINEER				
Signature D. Fathk	Post		Date 07/09/20	008				
	THIS SPACE	FOR FEDE	RAL OR ST	ATE OF	ICE USE			
Approved by			Title			Date		
Conditions of approval, if any, are attached that the applicant holds legal or equitable t entitle the applicant to conduct operations	itle to those rights in the subject		ertify			Dank		
Title 18 U.S.C. Section 1001 and Title 43 fictitious or fraudulent statements or repre				and willfully to	make to any departme	ent or agency of the United States any false,		

# Johnson "B" Federal A/C 2 #3 – P&A Procedure

Est'd start date: 10/10/08

- 1. MIRU plugging company. NU 2000# min. BOP.
- 2. Drillout CIBP & cmt @ ±2675'. Drill & push CIBP to PBTD.
- 3. Plug 1: Set CIBP @ 3350'. Dump bail 60' cmt on top of CIBP. WOC. Tag cmt.
- 4. Run CBL to determine actual TOC (calc'd @ 1600').
- 5. Circ hole w/ 9.0 PPG mud laden fluid.
- 6. Cut & pull 5-1/2" csg @  $\pm$ 50' above TOC found in step 4 above (TOC calc'd @ 1600'). Note if can't pull csg contact BLM/OCD for directives.
- 7. If TOC is above top of Yates, set <u>Plug 2</u> as follows: Spot 130' cmt fr/2250'-2120' (65' below & 65' above top of Yates/base of Salt zones) inside 5-1/2" csg. WOC. Tag plug.
- 8. If TOC is not above top of Yates, set <u>Plug 2</u> as follows: Spot 130' cmt across csg stub (65' below/inside csg & 65' above top of csg stub). WOC. Tag plug.
- 8a. <u>Plug 2a</u>: Spot 130' cmt fr/2250'-2120' (65' below & 65' above top of Yates/base of Salt zones). WOC. Tag plug.
- 9. Plug 3: Spot 160' cmt fr/860'-700' (50' below & 60' above top of Salt zone & covering csg shoe). WOC. Tag plug.
- 10. Plug 4: Spot 60' cmt fr/surf-60'.
- 11. Cut off well head. Weld on dry hole marker. Clean location.

Accepted for record NMOCD

- -Use Class "C" Cement
- -Notify appropriate agency 48 hrs. prior to commencing operation. (BLM-Carlsbad (575- 234-5972) or NMOCD-Hobbs (505-393-6161)

D. Patrick Darden, PE #75593





## **Current Wellbore Configuration**

FIELD:

SHUGART

GL: 3695' DATE: BY: 7/01/08 DP Darden

LEASE:

JOHNSON "B" FEDERAL A/C 2

KB:

3705'

COUNTY:

Eddy

SPUD DATE:

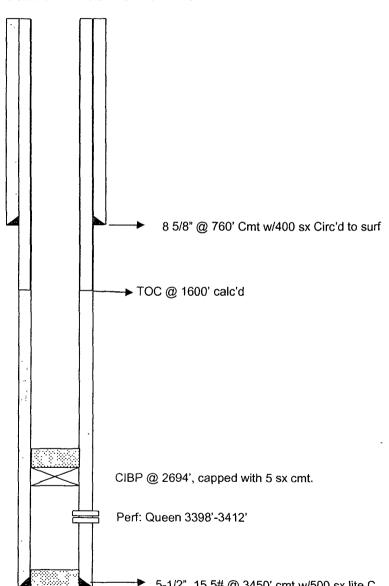
7-9-70

WELL:

STATE: **NEW MEXICO**  API No:

30-015-20318

LOCATION: SECTION 15 T18S R31E



Accepted for record NMOCD

TD: 3,450'

→ 5-1/2" 15.5# @ 3450' cmt w/500 sx lite C.



### Proposed P&A'd Wellbore Configuration

FIELD:

**SHUGART** 

GL: 3695'

DATE:

7/01/08

LEASE:

JOHNSON "B" FEDERAL A/C 2

KB:

3705'

BY:

DP Darden

3

COUNTY:

Eddy

SPUD DATE:

7-9-70

WELL:

STATE:

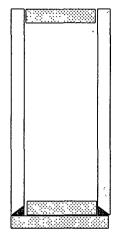
**NEW MEXICO** 

API No:

30-015-20318

LOCATION:

SECTION 15 T18S R31E



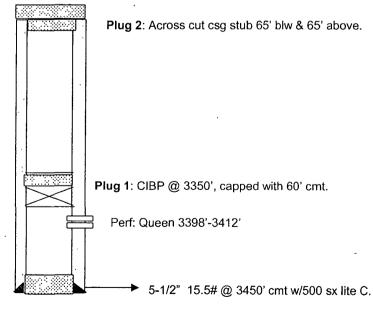
Plug 4 (60'-surf): At surf 60

8 5/8" @ 760' Cmt w/400 sx Circ'd to surf

Plug 3 (860-700'): Across top of Salt & csg shoe 50' blw & 60' above

Plug 2a (2250-2120'): Across Yates/base of salt 65' blw & 65' above

TOC @ 1600' calc'd



Accepted for record

TD: 3,450'

## BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

#### Permanent Abandonment of Federal Wells Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within <u>ninety (90)</u> days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

- 2. <u>Notification:</u> Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.
- 3. <u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
- 4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.
- 5. <u>Cement Requirement</u>: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

- 6. <u>Dry Hole Marker</u>: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).
- 7. <u>Subsequent Plugging Reporting:</u> Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**
- 8. <u>Trash:</u> All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.

Accepted to the NMOCD