Form 3160-5 (June 2015)

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

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I Now What I Wanted	7

FORM APPROVED

OMB	No. 1004-0137
Expires:	January 31, 201

Do not use this form for proposals to drill or to re-enter an

Deade Serial 110.	NMSF-077976	
If Indian, Allottee	e or Tribe Name	

abandoned well. C	Jse Form 3160-3 (A	PD) for such proposals	iu ivialiai	Jeli William	
SUBMIT IN TRIPLICATE - Other instructions on page 2			7. If Unit of CA/Agreement, Name and/or No.		
1. Type of Well		14-08-00018196			
			8. Well Name and No. SE Cha Cha Unit #40		
2. Name of Operator SG Interests I, L	td c/o Nika Energy Opera	ting, LLC		9. API Well No. 30-045	5-25317
				10. Field and Pool or E	xploratory Area
		(970) 259-2701		SE Cha Cha Gallup	
4. Location of Well (Footage, Sec., T.,R	.,M., or Survey Description)			11. Country or Parish, S	State
Unit C: 700' FNL, 1980' FWL Section 17-T28N-R13W (NENW)		San Juan County, NM			
12. CHE	CK THE APPROPRIATE B	OX(ES) TO INDICATE NATURI	E OF NOTI	CE, REPORT OR OTH	ER DATA
TYPE OF SUBMISSION		TY	PE OF AC	TION	
Notice of Intent	Acidize	Deepen	Prod	luction (Start/Resume)	Water Shut-Off
	Alter Casing	Hydraulic Fracturing	Recl	amation	Well Integrity
Subsequent Report	Casing Repair	New Construction	Reco	omplete	<b>✓</b> Other
	Change Plans	Plug and Abandon	Tem	porarily Abandon	
Final Abandonment Notice	Convert to Injection	Plug Back	Wate	er Disposal	
13. Describe Proposed or Completed O	peration: Clearly state all pe	ertinent details, including estimate	d starting d	late of any proposed wor	k and approximate duration thereof. If

the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

SG Interests I, Ltd proposes to Plug & Abandon the subject well, reference attached procedure.

WAN 86 - CO

CONDITIONS OF APPROVAL

Notify NMOCD 24 hrs prior to beginning operations

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)				
William Schwab III	Agent for SG Interests I, Ltd Title			
Signature	Date	1	1/20/2017	
THE SPACE FOR FEDE	RAL OR S	TATE OFICE USE		
Approved by Ab Monadani	Title	PE	Date	1/23/18
Conditions of approval, if any, are attached. Approval of this notice does not warrant certify that the applicant holds legal or equitable title to those rights in the subject lea which would entitle the applicant to conduct operations thereon.		FFO		

1 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 Sta any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## SG Interests I, Ltd. Cha-Cha #40

NENW, Sec. 17, T28N-R13W

Lat 36.667897° N, Long -108.244745° W

San Juan County, NM API # 30-045-25317

> November 2017 Plug & Abandon

> > TS

GL:

5800' KB TD: 5728' KB

PBTD:

11' KB:

CSG: 144 jts, 5-1/2", 15.5#, J-55, SA 5780' KB. Set in

7-7/8" hole. TOC 1450' KB.

Perforations:

5384'-5708' gross interval

Rathole:

6024

Tbg:

2-3/8" seating nipple + 176ea its 2-3/8", landed @

5683' KB

Pump & Rods:

2x1-1/4"x8x10x12 RHAC insert pump, 30ea guided 3/4"

rods, 160ea plain 3/4" rods & 4ea plain 7/8" rods +

polished rod and liner.

**Current Production:** 

0 BOPD, 0 BWPD

Well History:

4/82 Initial Completion

7/82 First Sales

10/84 Pump change, replaced split tubing

5/85 Pump change, ran 40 rods on btm w/ PATCO

scrapers, replaced jt for pin hole.

2/86 Replaced 6 jts, replaced 19 rod boxes, changed

gump.

10/91 Pump change

2/92 Replaced 2 its, changed pump.

10/95 Replaced 5 its, changed pump.

8/05 Replaced 8 jts, 34 rods & pump. Ran 30 3/4" guided rods on btm, 160 plain 3/4" rods, & 4 7/8"

rods on top.

3/14 Acidize, drill out scale, CO, run new pump, guide

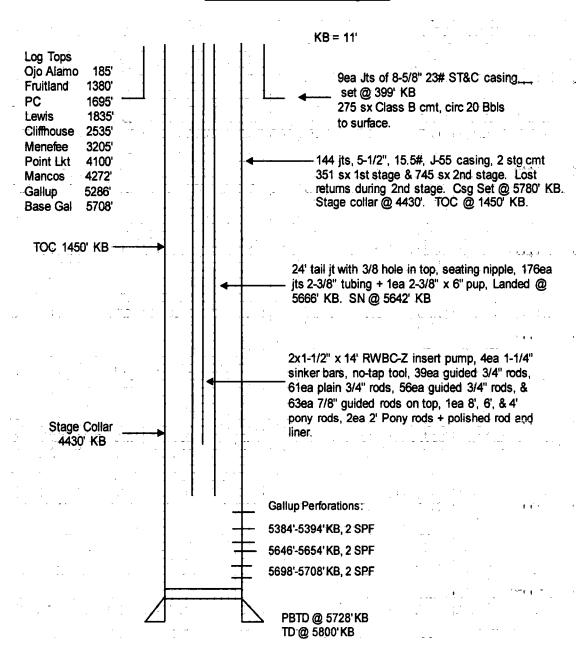
7/8" rods.

3/15 Acidize with special anti-iron precipitation acid

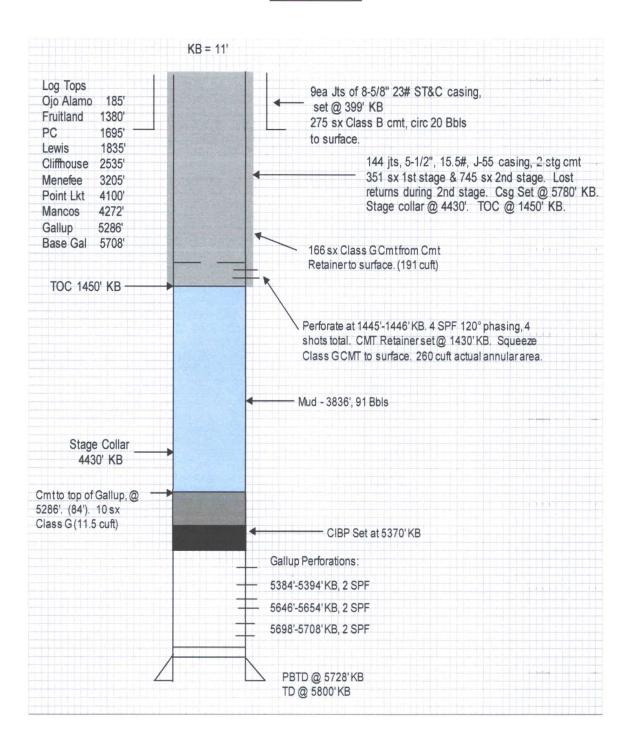
treatment, new pump, replace tubing.

<u>Directions:</u> From the Farmington intersection of US 63 & NM 371 head west and south on the Bisti Hwy 5 miles. Take right onto gravel "Hemstreet Memorial Road". Continue west on Hemstreet <u>+</u> 0.92 miles. Take left fork onto dirt lease road. Continue southwesterly 0.38 miles. Take right fork 0.03 miles to location. Drive slowly, as there are residences in this area.

## **Current Wellbore Diagram**



### Cement Plan



- Notes: 1) Cell Phone service is good on location. Emergency room is located 5 miles in Farmington, NM.
  - 2) Comply with all safety and environmental requirements. All workover fluids (rig pits, flowback tanks, frac tanks) Will be hauled to nearest available legal disposal site.
  - 3) May need to hot oil or water tubing after unseating pump to trip rods. One workover required the rods to be cut and the tubing stripped out, because the pump was scaled into place.
  - 4) Take accurate tallies and counts of tbg, rods and setting depths. Report same. Test tubing with Tuboscope during first trip. Replace any bad tubing, to make a good workstring.
  - 5) This is an oilwell and care needs to be taken to contain any oil on location to pit and blowdown tank.
  - 6) Set 400 Bbl frac tank and fill with 300 Bbls fresh water. Use for Cmt, flush, and circulation.
  - 7) Have 50 Lb. sacks of sugar available to keep cement that is flushed to surface from setting up in rig pit.

#### Procedure:

- 1) MIRUSU. Check & record bradenhead, tubing & casing pressures. Blow well down to flow back tank. Report any irregular pressures.
- 2) Unseat pump LD polish rod and stuffing box, pull 2 rods. If rods are parted, POOH w rods and run fishing tool to retrieve rods. Reinstall polish rod and stuffing box. If needed Pump hot water down tbg to clear paraffin. Reseat pump if rods are not parted. Load tbg & test to 1000# or pump maximum. Kill w/ produced water from Tank battery #3 if necessary. POOH with rods and pump, laying down on trailer. Check for rod wear, corrosion, scale, rod guide wear, etc. Separate any bad rods. Check condition of polish rod, liner, stuffing box and ratigan. Mark if bad. Send ratigan and stuffing box in to be rebuilt by Energy Pump.

- 3) NDWH, NUBOP. Check for corrosion and operation of valves. Replace valves and fittings as necessary for cement jobs. RU Tuboscope. Unseat donut. POOH, inspecting tubing. Replace any bad tubing for work string.
- 4) RIH with bit, 1 jt tubing, SN, casing scraper and tubing. Check for fill. Pass scraper thru top perforation minimum. POOH standing back, LD casing scraper. If needed, RU bailer & tubing, RIH & CO thru top perforations to get scraper to 5370' KB. POOH standing back.
- 5) RIH with CIBP and set at 5370' KB. POOH standing back, LD setting tool. RIH with notched collar 1jt tubing, SN and tubing to CIBP. Circulate fresh water to surface. Mix and spot 10 sx Class G cement on top of CIBP. Allow to harden.

Class G slurry properties 15.8 lbs./gallon 5.0 gal/sk 1.15 cu ft./sk

- 6) RIH and tag Cmt. Pull up 1 jt. Pressure test casing to 500#. If held proceed to next step. If not, call for squeeze procedure.
- 7) Mix 91 Bbls mud and spot from Cmt plug to 1450' KB.
- 8) POOH standing 45 jts tbg back, laying down remainder onto trailer. RU Basin Perforating, RIH and shoot 4 spf, 120° phasing, 4 shots total from 1445' KB to 1446' KB. POOH, RD Basin Perforating.
- 9) RIH and set Cmt retainer at 1430' KB. Establish circulation to surface and circulate minimum 50 Bbls fresh water to surface or until clean. RU Halliburton, mix 339 sx Class G Cmt (390 cu-ft) and squeeze to surface (50% excess calculated). RD HES. Pull out of retainer 3 jts. Fill hole with water. POOH, standing back.
- 10) RU Basin Perforating and RIH & tag Cmt, note. Run Cmt Bond log. Check with BLM and NMOCD to see if acceptable before proceeding.
- 11) If CBL is good then circulate bottoms up until clear. RU HES and mix 166 sx Class G Cmt (191 cu-ft), and spot from Cmt retainer to surface. (Adjust volumes if necessary). RD HES. POOH, laying down remainder of tubing.
- 12) RDBOP, remove wellhead, RDMOSU. Install P&A marker. Police location and ready for surface remediation.
- 13) Take tubing and rods to M&R yard, SG racks. Haul remaining fresh water to SG SWD #37 and rig pit fluid to Agua Moss or Basin Disposal.

## **Important Numbers**:

## Notification Schedule:

Entity	Phone Number	Comments
Regulatory		
BLM	505-564-7600	Main Switchboard
BLM	505-664-7743	Troy Salyers Petroleum Engineer
NMOCD	505-334-6178	Monica Kuehling

## WO Issues:

Tripp Schwab	970-259-2701 970-769-3589 970-769-3589	Office Mobile Home
Brad McKinney	970-749-2163	Mobile
Levi Casaus	970-426-1272	Mobile
RJ McKinney	480-694-6519	Mobile

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT FARMINGTON DISTRICT OFFICE

6251 COLLEGE BLVD. FARMINGTON, NEW MEXICO 87402

Attachment to notice of Intention to Abandon:

Re: Permanent Abandonment Well: SE Cha Cha #40

#### CONDITIONS OF APPROVAL

- 1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
- 2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
  - a) Add Plug from (4489'-4389') ft. to cover the Mancos top. BLM picks top of Mancos at 4439 ft.
  - b) Add Plug from (2586'-2486') ft. to cover the Cliff House (La Ventana Ss) tops. BLM picks top of Cliff House at 2536' ft.
  - c) Add Plug from (2199'-2099') ft. to cover the Chacra tops. BLM picks top of Chacra at 2149' ft.
  - d) Add Plug from (1650'-1550') ft. to cover the Picture Cliffs tops. BLM picks top of Picture Cliff at 1600' ft.

Operator will run a CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: aelmadani@blm.gov Brandon.Powell@state.nm.us jwsavage@blm.gov

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.