

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  
CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505  
HOBBS OCP  
NOV 01 2019  
RECEIVED

Form C-103  
Revised July 18, 2013

WELL API NO. 30-025-01433
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 325641
7. Lease Name or Unit Agreement Name Shahara State Unit
8. Well Number 6
9. OGRID Number 328733
10. Pool name or Wildcat Maljamar Grayburg San Andres
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4183 GR

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.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/> Injection <input type="checkbox"/>	
2. Name of Operator Flint Oak Energy, LLC	
3. Address of Operator 1703 Westfield Loop Rd Houston, Tx. 77073	
4. Well Location Unit Letter <u>K</u> : 1960 feet from the <u>South</u> line and <u>1650</u> feet from the <u>West</u> line Section <u>16</u> Township <u>17S</u> Range <u>33E</u> NMPM <u>Lea</u> County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4183 GR	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

1. MIRU P&A equipment. POOH w/ injection assy.
2. Set CIBP @ 4200'. Pressure tst CIBP to 500 psi. Cap w/ 25 sx cmt.
3. Circulate hole w/ 9.5 ppg MLF.
4. Spot 25 sx cmt @ 2600'. perf + squeeze 50 sx
5. Spot 25 sx cmt @ 1550'. perf + squeeze 50 sx
6. Spot cmt f/ 360' - surf. P+S TUSURF
7. Cut off wellhead (verify cmt to surf - all strings) & weld on dry hole marker.

See Attached  
Conditions of Approval

Spud Date:

Rig Release Date:

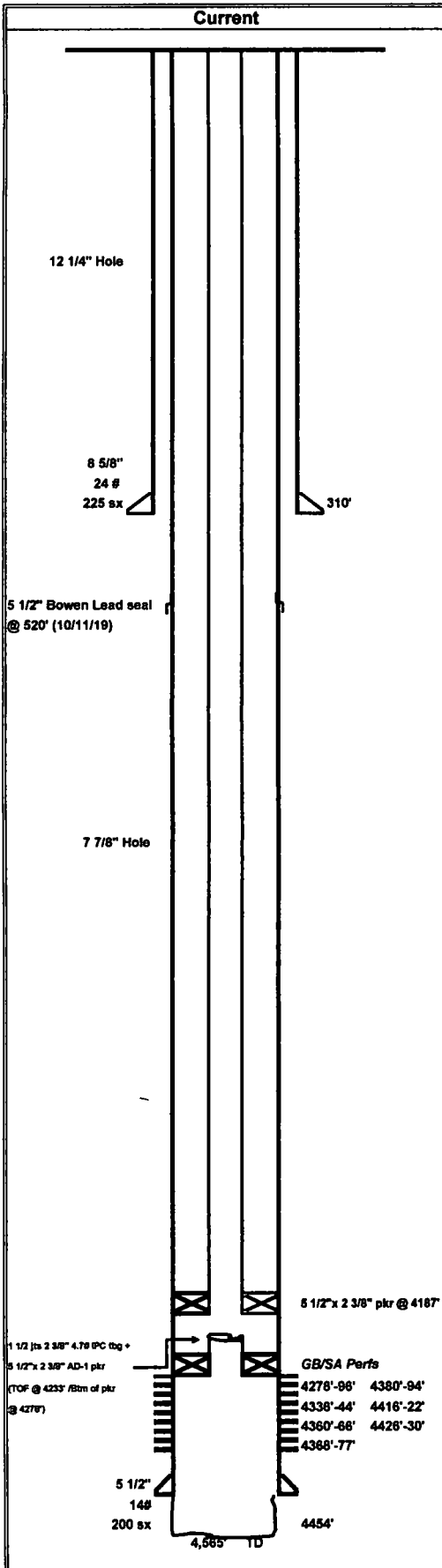
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Jeff Stevenson TITLE Operations Mgr DATE 11-5-2019  
Type or print name Jeff Stevenson E-mail address: jeff@oaknrg.com PHONE: 832.262.9521

For State Use Only

APPROVED BY: Kerry Inker TITLE C.O. A DATE 11-15-19  
Conditions of Approval (if any):

## WELLBORE SCHEMATIC



Lease:	Shahara State Unit	Well No.	6
API No.		Status	A-Inj
Location:	Lease #B2148; Unit K; 1960' FSL & 1650' FWL; Sec 18-T17S R33E		
County:	Lea	State:	NM
TD	4565'	GL	4169'
PBTD	4565'	KB	4188'
Current Perfs/OH:	Perfs (4278' - 4430'); OH (4454' - 4457')	Current Zone:	GB/SA
		Field:	Majmamar - GB/SA
		Spud Date:	4/20/1958
		Comp Date:	5/14/1958

## Surface Equipment

Unit Make:		Unit Size:	
Unit S/N:		Unit Rotation:	
SPM:	Stroke Length:	Unit Sheave:	
Prime Motor:		Motor Sheave:	
Motor S/N:		Motor RPM:	

## Casing Breakdown

	Size	Weight/Grade	Depth	Cement
Surface	8 5/8"	24 #	310'	225 sx
Production	5 1/2"	14#	4454'	200 sx
Production				
Production				
Liner				

**Completion Assembly (10/2019)**

Qty	Description	Footage
	KB Correction	19.00'
130	2 3/8" IPC tbg	
1	5 1/2" x 2 3/8" AD-1 pkr	set @ 4187'

## Current Status

<b>TOTAL</b>	<b>19.00'</b>
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[illegible]

## Comments

11/95 - Drilled New Open Hole - Dri'd 4 3/4" OH f/ 4454' - 4565' (108')  
Acqd'z OH (4454' - 4565') w/ 900 gal 15% NEFE @ AIR - 3/4 bpm & ATP - 3500#  
Acqd'z OH (4454' - 4565') & Perfs (4278' 4430') w/ 160000 gal 15% NEFE @ AIR - 4 bpm &  
ATP - 3200#; ISIP 2200#; 5" - 1700#; 10" - 1600#; 15" - 1390#

7/98 - Convert to Injection - Pull prod equip; Tst csg f/ 4496' - surf to 350 psi; RIH w/ 4 3/4" bit & CO fill f/  
4454' - 4565'; RIH w/ Inj assy; Pkr set @ 4187'

10/19 - Attempt to repair csg lk @ 520'. Pulled csg f/ 520' - surf & ran Bowen lead seal on new 5 1/2" 15  
csg. Lead seal did not hold pressure. Ran injection assy and left well shut in. Prep to P&A.

**PREPARED BY:**

**JTS**

**UPDATED:**

11/5/2019

## WELLBORE SCHEMATIC

Current		Lease: <b>Shahara State Unit</b>	Well No. <b>6</b>
		API No.	Status <b>A-Inj</b>
		Location: <b>Lease #B2148; Unit K; 1980' FSL &amp; 1650' FWL; Sec 16-T17S R33E</b>	
		County: <b>Lea</b>	State: <b>NM</b>
		Field: <b>Maljamar - GB/SA</b>	
		TD <b>4565'</b>	GL <b>4169'</b>
		PSTD <b>4565'</b>	KB <b>4188'</b>
		Current Perfs/OH: <b>Perfs (4278'- 4430'); OH (4454'- 4457')</b>	Current Zone: <b>GB/SA</b>
<b>Surface Equipment</b>			
Unit Make:		Unit Size:	
Unit S/N:		Unit Rotation:	
SPM:		Stroke Length:	Unit Sheave:
Prime Mover:		Motor Sheave:	
Motor S/N:		Motor RPM:	
<b>Casing Breakdown</b>			
	Size	Weight/Grade	Depth
Surface	8 5/8"	24 #	310'
Production	5 1/2"	14#	4454'
Production			
Production			
Liner			
<b>Completion Assembly (10/2019)</b>			
Qty	Description	Footage	
	KB Correction	19.00'	
130	2 3/8" IPC tbg		
1	5 1/2" x 2 3/8" AD-1 pkr	set @ 4187'	
<b>P&amp;A Status</b>			
		TOTAL	19.00'
<b>Rod Detail</b>			
Qty	Description	Footage	
		TOTAL	0.00'
<b>Comments</b>			
<p>11/95 - <u>Drilled New Open Hole</u> - Dri'd 4 3/4" OH f/ 4454' - 4565' (108')          Acdd'd OH (4454'- 4565') w/ 900 gal 15% NEFE @ AIR - 3/4 bpm &amp; ATP - 3500#          Acdd'd OH (4454'- 4565') &amp; Perfs (4278' 4430') w/ 160000 gal 15% NEFE @ AIR - 4 bpm &amp;          ATP - 3200#; ISIP 2200#; 5" - 1700#; 10" - 1500#; 15" - 1390#</p> <p>7/98 - <u>Convert to Injection</u> - Pull prod equip; Tst csg f/ 4496' - surf to 350 psi; RIH w/ 4 3/4" bit &amp; CO fill f/ 4454'- 4565'; RIH w/ inj assy; Pkr set @ 4187'</p> <p>10/19 - Attempt to repair csg lk @ 520'. Pulled csg f/ 520' - surf &amp; ran Bowen lead seal on new 5 1/2" 15 csg. Lead seal did not hold pressure. Ran injection assy and left well shut in. Prep to P&amp;A.</p>			
PREPARED BY: <b>JTS</b>		UPDATED: <b>11/5/2019</b>	

12 1/4" Hole

8 5/8" 24 # 225 sx

5 1/2" Bowen Lead seal @ 520' (10/11/19)

9.5# MLF

40 sx cmt (0'- 360')

310'

7 7/8" Hole

9.5# MLF

25 sx cmt (1300'- 1550')

25 sx cmt (2350'- 2600')

9.5# MLF

25 sx cmt (3950'- 4200')

5 1/2" CIBP @ 4200'

GB/SA Perfs

4278'-96' 4380'-94'

4336'-44' 4416'-22'

4360'-68' 4426'-30'

4368'-77'

5 1/2" 14# 200 sx

4,565' TD

4454'

## Jeff Stevenson

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**From:** Jeff Stevenson  
**Sent:** Tuesday, November 5, 2019 8:54 AM  
**To:** 'Gary.Robinson@state.nm.us'  
**Cc:** Tom Campbell  
**Subject:** Flint Oak Energy - Shahara State #6 Plug and Abandon Request  
**Attachments:** Shahara #6 - P&A Pkg.pdf

Gary,

You may not remember me but we talked several times back in October as I was working on the subject injection well in an attempt to repair a casing leak. As per our last conversation, we were unsuccessful with the repair attempt after running a lead seal on replacement 5 ½" casing. Attached is a copy of the P&A request form. We are currently evaluating the well for possible conversion to a producer but I wanted to get this C-103 submitted as we discussed. I will send the originals to you via fed-ex. I will also keep you posted on our evaluation for converting the well to producer. Thanks for your help last month. That was a very frustrating job.

Regards,

Jeff Stevenson  
832.262.9521



1703 Westfield Loop Rd.  
Houston, Tx. 77073

#### GENERAL CONDITIONS OF APPROVAL:

- 1) Insure all bradenheads have been exposed, identified, and valves are operational prior to rigging up on well.
- 2) Contact the appropriate NMOCD District Office no later than 24 hours prior to moving in and rigging up.
- 3) A copy of the approved C103 intent to P&A should be distributed to the onsite company and plugging representatives. Approved procedures are good for a period of one year from approved date, unless otherwise specified on the C103 intent. Approvals past this date will require the submission and approval of a new C103 intent.
- 4) A company representative is required to be present to witness all operations including setting CIBP's, circulation of mud laden fluids, perforating, squeezing or spotting cement plugs, tags, or any other operations approved on the C103 intent to P&A. Company representative should contact the NMOCD and report all operations.
- 5) Any changes that may be required during plugging operations should be approved by the NMOCD before proceeding.
- 6) A closed loop system is to be used for all plugging operations. Contents of the steel pits to be hauled to a NMOCD permitted disposal facility.
- 7) Mud laden fluids must be placed between all cement plugs mixed at 25 sacks of salt gel per 100 barrels of brine.
- 8) All cement plugs will be 100' or 25 sacks cement, whichever is greater. Class 'C' cement will be used above 7500' and Class 'H' below 7500'. Plugs should be no more than 3000' apart
- 9) Site remediation due within one year of well plugging completion.