

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

HOBBS OCD  
JUL 13 2018  
RECEIVED

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. 30-025-36781
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other BRINE		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator H.R.C., INC.		6. State Oil & Gas Lease No.
3. Address of Operator P.O. BOX 5102 HOBBS, NEW MEXICO 88241		7. Lease Name or Unit Agreement Name SCHUBERT 7
4. Well Location Unit Letter <u>J</u> : <u>2313</u> feet from the <u>SOUTH</u> line and <u>2313</u> feet from the <u>EAST</u> line Section <u>7</u> Township <u>19S</u> Range <u>39E</u> NMPM <u>LEA</u> County		8. Well Number <u>1</u> BW-031
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3585 GL		9. OGRID Number 131652
		10. Pool name or Wildcat BSW - SALDO

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.

Proposed setting of 4" 11# FJM casing within 5.5" 15.5# liner then hang 4" casing with casing point @ 1995' also new 2 1/6" tubing to be run.

Test anchors & move in rig mats, pipe racks, cat walk, frac tanks, reverse unit package & set workover pipe on rack.

Please see attached Intent description of work to be done with this C-103

Please find with this C-103 the attachments of Casing-Tubing Data, Proposed Wellbore Diagram, Proposed Conventional Flow of Operations and GR/Neutron Density Log Proposal of New Drilled Open Hole of Halite Beds.

The Oil Conservation Division

MUST BE NOTIFIED 24 Hours

Spud Date Prior to the beginning of operations

Rig Release Date:

Condition of Approval: notify

OCD Hobbs office 24 hours

prior of running MIT Test & Chart

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

SIGNATURE David Alvarado TITLE Consulting Agent for H.R.C., Inc. DATE 7/10/18

Type or print name David Alvarado E-mail address: davidal00136@gmail.com PHONE: (575) 513-1238

For State Use Only

APPROVED BY: Makay Brown TITLE AO/I DATE 7/17/2018

Conditions of Approval (if any):

**H.R.C., Inc.**  
**Schubert 7 Well No. 1 BW-031**

**Intent to C-103 7/10/18**

Proposed setting of 4" 11# FJM casing within 5.5" 15.5# liner then hang 4" casing with casing point @ 1995' also new 2 1/6" tubing to be run.

Test anchors & move in rig mats, pipe racks, cat walk, Frac tanks, reverse unit package & set workover pipe on rack.

Move in and rig up service unit on matting board conduct JSA on task to be done.

Nipple down wellhead and nipple up BOP ready unit for 2 7/8" tubing extraction. Extract tbg..

TIH with Bladder Scraper to ready and dress 5.5 casing liner run to 420' make two passes. TOH w/Scraper.

TIH with 4 3/4 concave mill tool and run past 8 5/8" 24# @ 1875' continue to circulate twice the casing capacity.

TOH with mill and TIH with 4 3/4 rock bit to TOP of Cmt. Plug # 4 Est. top @ 2557' drill down to bottom of best halite bed @ 2750' work hole and circulate.

TOH with Bit, bit sub & working string laying down tubulars as extraction is performed. Ready 4" 11# FJM casing & call for no slip type elevators.

MIRU casing crew Ready BHA 4 3/4 bit dressed to 4" FJM casing threads.

Ready new well head for 4" x 5.5" with slip die hanger re- set BOP.

TIH with casing to 1995' and hang 4" casing. Call District I for MIT 24 hours prior to testing with chart recorder.

TIH with 4"AD1 packer and set at 1985' test casing to 600 psi if good...NDBOP and set slips in 4" hanger bowl.

NDBOP dress wellhead with spool supporting 2 1/16" 3.25# tubing hanger flange.

TIH with new tbg.. and set at pre-drilled hole @ 2750' then hang well. Circulate well for half day and test.

Rig Down and release all rental equipment on location.

Place back to operations

**H.R.C., INC.**  
**SHUBERT 7 WELL No. 1 BW-031**  
**API 30-025-36781**

**CASING, TUBING DATA**

<b>Surface</b>	<b>J-55</b>						<b>Body</b>		
<b>OD Inch.</b>	<b>Weight / ft.</b>	<b>ID</b>	<b>Drift</b>	<b>OD of Cplg.</b>	<b>Collaps psi</b>	<b>Internal Yield psi</b>	<b>Yield 1000 Lbs</b>	<b>Tensile 1000 Lbs</b>	<b>Csg. Point ft.</b>
8 5/8	24	8.097	7.972	9.625	1370	2950	381	244	1865
<b>Liner 1</b>	<b>J-55</b>						<b>Body</b>		
<b>OD Inch.</b>	<b>Weight / ft.</b>	<b>ID</b>	<b>Drift</b>	<b>OD of Cplg.</b>	<b>Collaps psi</b>	<b>Internal Yield psi</b>	<b>Yield 1000 Lbs</b>	<b>Tensile 1000 Lbs</b>	<b>Csg. Point ft.</b>
5 1/2	15.5?	4.95	4.825	6.05	4040	4810	248	217	404

<b>Liner 2</b>	<b>55 KSI</b>	<b>USS - LIBERTY FJM</b>		<b>OPTION 1</b>			<b>Body</b>		
<b>OD Inch.</b>	<b>Weight / ft.</b>	<b>ID</b>	<b>Drift</b>	<b>OD of Cplg.</b>	<b>Collaps psi</b>	<b>Internal Yield psi</b>	<b>Yield 1000 Lbs</b>	<b>Tensile 1000 Lbs</b>	<b>Csg. Point ft.</b>
4	11	3.738	3.351	FJ	106,000		106	106	1995

<b>Tubing</b>	<b>Benoit P-110 / L80 BTS-8</b>			<b>OPTION 1</b>			<b>Body</b>		
<b>OD Inch.</b>	<b>Weight / ft.</b>	<b>ID</b>	<b>Drift</b>	<b>OD of Cplg.</b>	<b>Collaps psi</b>	<b>Internal Yield psi</b>	<b>Yield 1000 Lbs</b>	<b>Tensile 1000 Lbs</b>	<b>Csg. Point ft.</b>
2.0625 P110	3.25	1.751	1.657	2.335	14,600	14,560	103	103	2750
2.0625 L80	3.25	1.751	1.657	2.335	11,180	10,590	75	75	2750

<b>Tubing</b>	<b>Benoit P-110 BTS-8</b>			<b>OPTION 2</b>			<b>Body</b>		
<b>OD Inch.</b>	<b>Weight / ft.</b>	<b>ID</b>	<b>Drift</b>	<b>OD of Cplg.</b>	<b>Collaps psi</b>	<b>Internal Yield psi</b>	<b>Yield 1000 Lbs</b>	<b>Tensile 1000 Lbs</b>	<b>Csg. Point ft.</b>
2 3/8	4.7	1.995	1.901	2.7	16,130	15,400	143	143	2750

SCHUBERT 7 WELL NO. 1  
 API 30-025-36781  
 2313 FSL, 2313 FEL  
 J - SEC 7 - T19S - R39E  
 LAT: 32.6738815 LONG: -103.0835953

Proposal

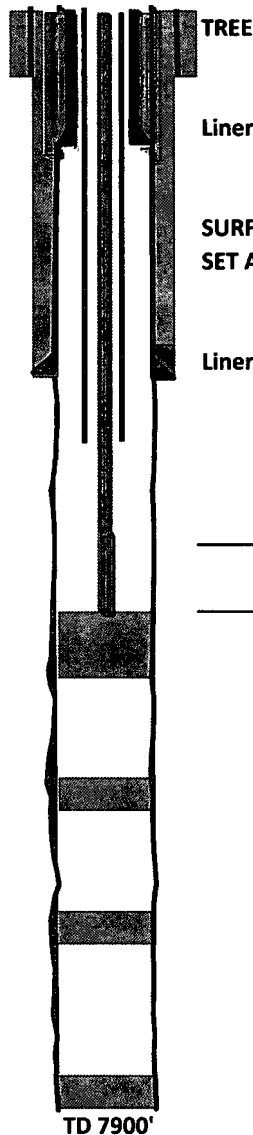
Lithology Record (C-105)

From	To	Thick / ft.	Lithology
212'	1151'	939'	Redbed
1151'	1455'	304'	RB / Shale
1455'	1775'	320'	Shale
1775'	1880'	105'	Anhydrite
1880'	2900'	1020'	Salt, Redbed, Shale
2900'	3130'	230'	Anhy, Salt, Shale
3130'	4080'	950'	Anhy., Dolomite
4080'	4430'	350'	Dolomite, Anhydrite
4430'	7500'	3070'	Dolomite, Limestone
7500'	7900'	400'	Dolomite

OH HOLE SIZE 7 7/8"

1.32 Class C est.

Yates @2930'	PLUG # 4	100sx @ 2947'
est. TOC @	2,557'	390'
PLUG # 3	40sx @ 4089'	
est. TOC @	3,933'	156'
PLUG # 2	35sx @ 5710'	
est. TOC @	5,573'	137'
PLUG # 1	30sx @ 7900'	
est. TOC @	7,783'	117'



Hung with 3M head
2 1/16" 3.25# L80 BTS-8
SET @ 2750'
5 1/2" 15.5# Drift 4.825"
Set @ 404' 200 sx cir surf
8 5/8" 24# ST&C
1865' w/900SX
CIR. SURFACE
4 " 11.0# 55KSI FJM
set @ 1995'

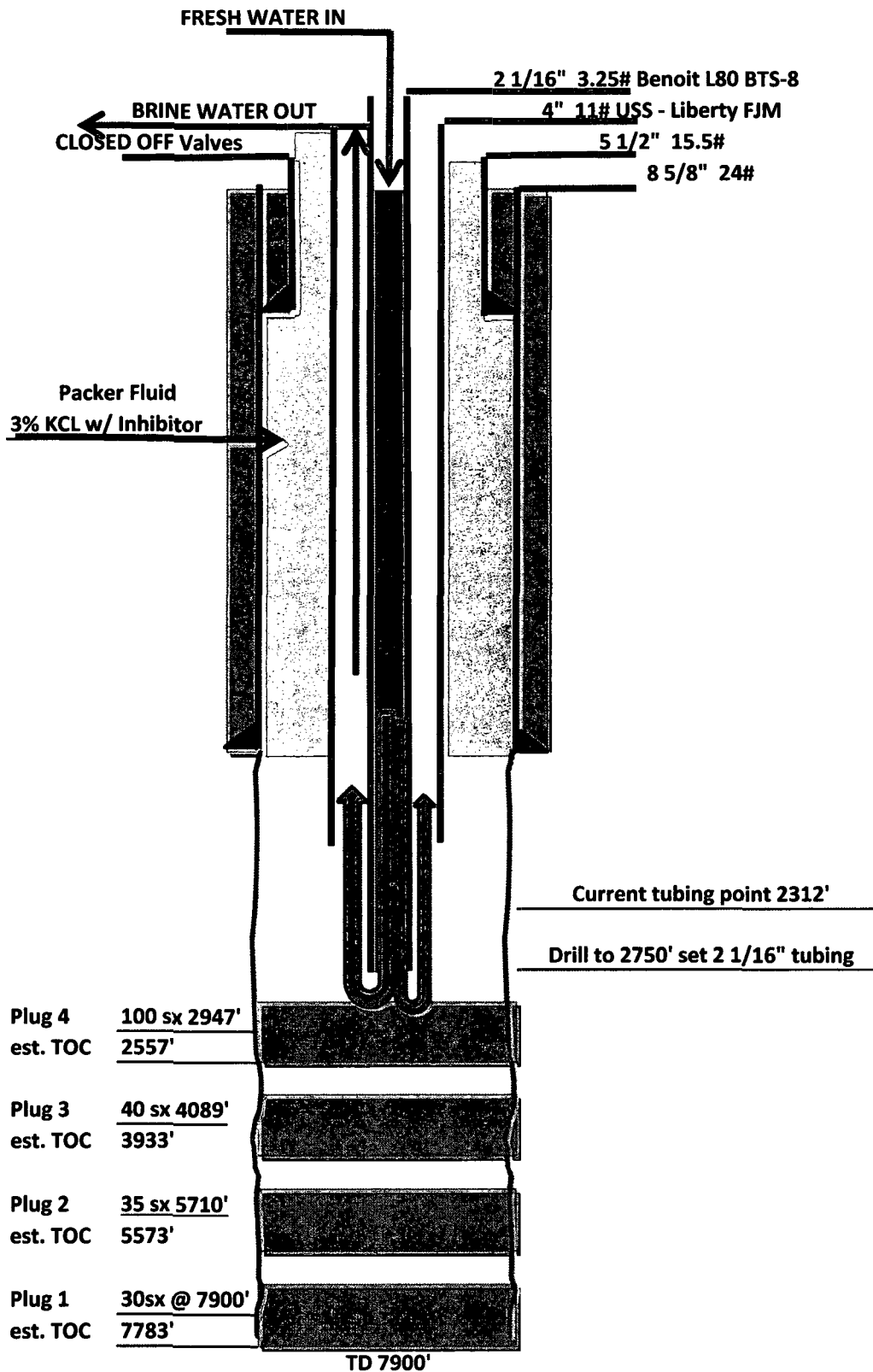
Current tubing point @ 2312'

Drill to 2750' set 2 3/8" tubing

Formation Top (C-105)

T. Anhy	1775'
T. Salt	1880'
B. Salt	2900'
T. Yates	2930'
T. 7 Rivers	3160'
T. Queen	3710'
T. Grayburg	4080'
T. San Andres	4396'
T. Glorieta	5715'
T. Paddock	5858'
T. Blinbry	6260'
T. Tubb	6820'
T. Drinkard	7050'
T. Abo	7464'

**H.R.C. ,INC.**  
**SCHUBERT 7 WELL No. 1 BW-031**  
**PROPOSED CONVENTIONAL FLOW OF OPERATIONS**



H.R.C., INC.  
SCHUBERT 7 WELL No. 1 (BW-031)  
API # 30-025-36781

GR/ NUETRON DENSITY LOG OF PROPOSED NEW HALITE OPEN HOLE

