

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 12-24-18
Conditions of Approval (if any):

30-025-40890

Gunner 16 State SWD 1
330' FNL, 330' FWL
D-16-26s-34e
Leg, NM

SWD-1367
6000-6900'
1200 psi Max

17 1/2"

13 7/8" / 54.5 / J55 / STC @ 855'
TOC 980' CBL

400sx"C" 4 1/2 gal + 250sx"C"
(Circ 2219x)

12 1/4"

9 5/8" / 40 / J55, N80 / BTC @ 5282'

1300sx HLC + 500sx"C"
(Circ 2635x)

8 3/4"

6000'

Delaware Sand

6900'

7015'

7" / 26 / J55 / LTC @ 7015'

325sx"C" High Yield + 300sx Super C
(Circ red dyl ahead of Cmt)

32.0497322

-103.4822998

COG Operating, LLC

Author:

Well Name GUNNER STATE SWDWell No. #1

Field

API #: 30-025-40890

County

LEA

Prop #:

State

NEW MEXICO

Zone:

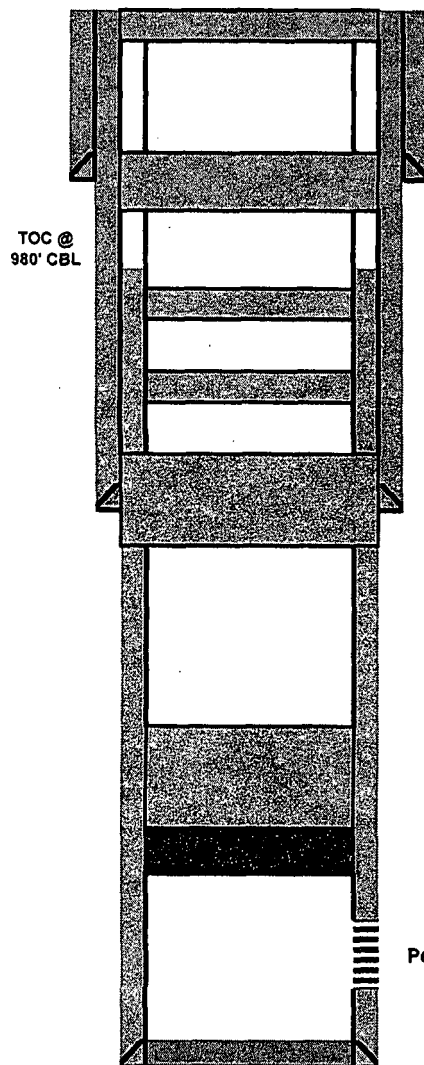
Spud Date

D SEC 16, T26S, R34E

GL

330' FNL & 330' FWL

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	13 3/8"	J-55	54.5#	855'	17 1/2"	700	surface
Inter Csg	9 5/8"	J-55 / N-80	40#	5282'	12 1/4"	1,800	surface
Prod Csg	7"	J-55	26#	7015'	8 3/4"	625	980' CBL



6. Perf & Sqz 50 sx cmt @ 100'-Surface.

13 3/8" J-55 54.5# CSG @ 855'

5. Perf & Sqz 50 sx cmt @ 905-805'. WOC & Tag (13 3/8" Shoe)

4. Spot 25 sx cmt @ 1087-987'. WOC & Tag (T/Salt)

3. Spot 25 sx cmt @ 4500-4400'.

9 5/8" J-55 / N-80 40# CSG @ 5282'

2. Perf & Sqz 50 sx cmt @ 5332-5232'. WOC & Tag. 9 5/8" Shoe & B/Salt)

1. Set 7" CIBP @ 5500'. Circulate hole w/ MLF. Pressure test csg.
Spot 25 sx cmt @ 5500-5400'.

Perfs @ 6000-6900'

7" J-55 26# CSG @ 7015'

TD @ 7015'

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'.**