

District I1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-9720**District II**811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720**District III**1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170**District IV**1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462**HOBBS OGD****AUG 2 2 2016****RECEIVED****State of New Mexico****Energy Minerals and Natural Resources****Oil Conservation Division****1220 South St. Francis Dr.****Santa Fe, NM 87505**Form C-101
Revised July 18, 2013☐ AMENDED REPORT**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

¹ Operator Name and Address STEPHENS & JOHNSON OPERATING CO P O BOX 2249 WICHITA FALLS, TX 76307		² OGRID Number 019958
		³ API Number 30-025-06976
⁴ Property Code 32449	⁵ Property Name E O CARSON	⁶ Well No. 2

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
D	33	21 S	37 E		660'	N	660'	W	LEA

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
D	33	21 S	37 E		660'	N	660'	W	LEA

9. Pool Information

Pool Name PADDOCK	Pool Code 49210
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Additional Well Information

¹¹ Work Type E	¹² Well Type O	¹³ Cable/Rotary R	¹⁴ Lease Type P	¹⁵ Ground Level Elevation 3490' GL
¹⁶ Multiple NO	¹⁷ Proposed Depth 7915 6200'	¹⁸ Formation TUBB	¹⁹ Contractor NA	²⁰ Spud Date SEPTEMBER 2016
Depth to Ground water 72' AVERAGE		Distance from nearest fresh water well 660'		Distance to nearest surface water NONE IN THE AREA

☒ We will be using a closed-loop system in lieu of lined pits**21. Proposed Casing and Cement Program**

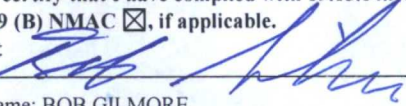
Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
surface	12 1/4"	9"	39.5#	1372'	300	SURFACE
INT	8 3/4"	7"	24#	3633'	200	SURFACE
PRODUCTION	6 3/4"	5"	15#	6610'	275	3460'

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
MANUAL	3000 PSI	5000 PSI	SHAFFER

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.I further certify that I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒, if applicable.Signature: 

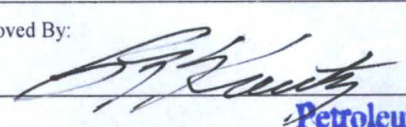
Printed name: BOB GILMORE

Title: ENGINEER

E-mail Address: bgilmore@sjoc.net

Date: 8/17/16

Phone: 940-723-2166

OIL CONSERVATION DIVISIONApproved By: Title: **Petroleum Engineer**

Approved Date: 09/07/16

Expiration Date: 09/07/18

Conditions of Approval Attached

STEPHENS & JOHNSON OPERATING CO.
E. O. CARSON NO. 2
LEA COUNTY, NEW MEXICO

Location: 660' FWL & 660' FNL of NW/4 of sec 33 T21S R37E
Unit letter D

API # 30-025-06976

Elevation: 3462' GR 3476' RKB

TD: 7448'

Csg Record: 9" - 39.5# csg set @ 1372' w/300 sx
7" - 24# J-55 csg set @ 3633' w/200 sx
5" - 15# J-55 csg set @ 6610' w/275 sx
TOC - 3460' Temp Surv
3 1/2" Liner set 7915-6512' w/70 sx

Old Perfs: McKEE SD
7770-80', 7790-7822', 7840-7877' (3/49)

Drinkard
6580-6650' (3/49) Squeezed
6564-65', 6575-76', 6589-90', 6519-20', 6528-29', 6544-45'
(9/60)
6554-6694' (10/29/01)

Grayburg
3633-3786' OH (10-17-36)

Potential SD: Tubb, Paddock, San Andres, Grayburg, Queen formations

Plugging Data: CIBP set @ 6475' w/25 sx cmt 6466-6157', tag cmt @ 6200',
Set 55 sx cmt plug @ 5489-4803'.
Set 60 sx cmt plug @ 3924-3167'
Perf 2870', sqz 80 sx cmt plug @ 2870-2200', tag @ 2165'
Perf 1425', sqz 80 sx cmt plug @ 1425-900', tag @ 859'
Perf 100', sqz 120 sx cmt plug @ 100-0', circ cmt on both
csgs, cut all csgs 3' below ground.

REENTRY PROCEDURE

1. NU wellhead, install BOP.
2. RIH w/4 1/8" drill bit, drill out cmt plug from surface to 100', test csg, drill out cmt plug 859-1425', pressure test csg, drill out cmt plug from 2165-2870', pressure test csg, drill out cmt plug from 3167-3924', pressure test csg, drill out cmt plug from 4803-5489', pressure test csg, TIH and tag plug back depth of 6200'.
3. Run GR/CNL/CBL from 6200-surface, pick perfs for Paddock from logs @ 5150-5300'