

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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) 334-6179
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

HOBBS OCD
MAY 16 2016
RECEIVED

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-005-10096	² Pool Code 12049	³ Pool Name CHAVAROO; SAN ANDRES (CHAVES)
⁴ Property Code	⁵ Property Name STATE KD	⁶ Well Number 1
⁷ OGRID No. 160825	⁸ Operator Name BC OPERATING, INC.	⁹ Elevation 4,371'

¹⁰ Surface Location

UL or lot no. D	Section 28	Township 8S	Range 33E	Lot Idn	Feet from the 660	North/South line NORTH	Feet from the 660	East/West line WEST	County CHAVES
--------------------	---------------	----------------	--------------	---------	----------------------	---------------------------	----------------------	------------------------	------------------

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> Signature: <u>Sarah Presley</u> Date: <u>5.10.16</u> Printed Name: <u>SARAH PRESLEY</u> E-mail Address: <u>SPRESLEY@BCOPERATING.COM</u>
	¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> Date of Survey: Signature and Seal of Professional Surveyor: Certificate Number:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

FORM C-128
Revised 5/1/57

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

SECTION A

Operator MCALISTER FUEL COMPANY			Lease NEW MEXICO STATE		Well No. KD-1
Unit Letter D	Section 28	Township 8 SOUTH	Range 33 EAST	County CHAVES	
Actual Footage Location of Well: 660 feet from the NORTH line and 660 feet from the WEST line					
Ground Level Elev. To be run later	Producing Formation Bough		Pool Undesignated		Dedicated Acreage: 40 Acres

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES _____ NO X . ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1955 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES X NO _____. If answer is "yes," Type of Consolidation Lease Operating Agreement.
3. If the answer to question two is "no," list all the owners and their respective interests below

Owner	Land Description

SECTION B

CERTIFICATION

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

Name
Charles L. Sullivan
Position
General Prod. Superintendent
McAlister Fuel Company
Company
March 11, 1964
Date

I hereby certify that the well location shown on the plat in SECTION B was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
MARCH 2, 1964
Registered Professional Engineer and/or Land Surveyor, JOHN W. WEST

Certificate No.
N.M. - P.E. & L.S. NO. 676



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

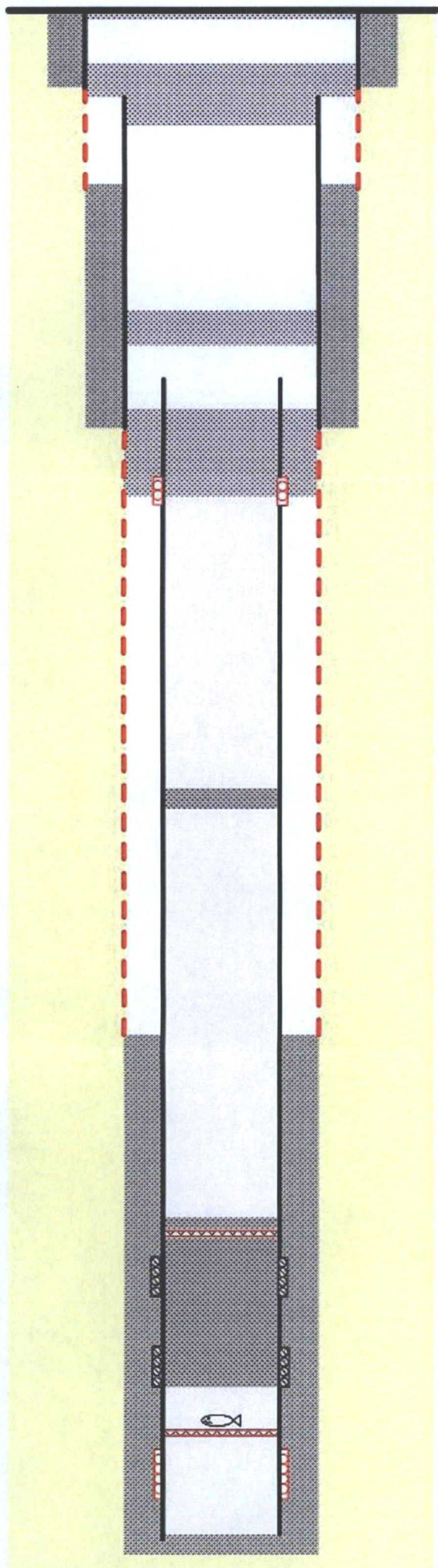
BC Operating
State KD #1
Re-Entry Procedure
San Andres
API# 30-005-10096
660' FNL 660' FWL
Section 28 T8S R33E
Tobac Field
Chaves County, New Mexico

Re-Entry Procedure

- Remove dry hole marker.
- Install A section on 13 $\frac{3}{8}$ " casing
- Drill out 25' surface plug.
- Drillout cement plug in 8 $\frac{5}{8}$ " casing stub at $\pm 301'$.
- Drillout 100' cement plug in 8 $\frac{5}{8}$ " casing at $\pm 2,160'$.
- Cleanout to top of 5 $\frac{1}{2}$ " casing stub.
 - Depth of 5 $\frac{1}{2}$ " casing stub is unknown. Best guess is $\pm 3,500'$.
- Rotate into 5 $\frac{1}{2}$ " casing and cleanout to cement plug at $\pm 4,731'$.
- Run GR and casing inspection log from PBTD to top of 5 $\frac{1}{2}$ " casing stub.
- Run 5 $\frac{1}{2}$ " 17# J55 casing in hole with casing bowl on bottom.
- Run casing to bottom.
- Cement tie-back string to surface.
- Set and seal casing bowl on 5 $\frac{1}{2}$ " casing stub.
- Perforate 4 squeeze holes at $\pm 4,700'$.
- Perforate 4 squeeze holes at $\pm 3,900'$.
- Establish injection rate into squeeze perforations.
- Squeeze the 5 $\frac{1}{2}$ " casing by 7 $\frac{7}{8}$ " open hole.
- Shut well in 18-24 hours.
- Drillout any cement remaining in 5 $\frac{1}{2}$ " casing and tag cement retainer.
- Note new PBTD.

Well Recompletion Procedure

- Rig up CH wireline truck and run the following logs
 - GR
 - Radial Bond
 - Case Hole Neutron
- Evaluate logs and perforate San Andres interval.
- 4,300' to 4,340' (est) (2 shots/ft)
- GIH w/ packer on 2 $\frac{7}{8}$ " production tubing to 4,350'.
- Acidize with 5,000 gallons 15% NEFE.
- Install Production Equipment Procedure
- Install production equipment
- Put well on production



Cement Plug - Surface to 25'

13 3/8" 48#/61# H40/J55 STC @ 380'

Cement Plug - 301' to 472'

8 5/8" Casing cut off @ 428"

Cement plug 2,160' to 2,260' 25 sx

5 1/2" Casing cut off @ ± 3,500' (guess)

8 5/8" 32# J55 STC @ 3,649'

Cement Plug - 30 sx cmt in casing & 45 sx pumped thru perforations at 3,730'

Cement plug 4,739' to 4,941' 75 sx

TOC @ 7,830' Estimated

EZSV @ 8,300'

3-Brothers Perfs 8,974' to 8,978'

3-Brothers Perfs 8,994' to 8,998'

CIBP 9,026'

Bough "C" Perfs 9,037' to 9,049'

5 1/2" - 17# J55 8rd @ 9,959'

5 1/2" - 17# N80 8rd @ 10,089'

State KD #1

API # 30-005-10096

Existing wellbore

South Tobac State Unit #3

San Andres Completion

13 5/8" 48#/61# H40/J55 STC @ 380'

8 5/8" Casing cut off @ 428"

5 1/2" Casing Bowl @ ± 3,500' (guess)

8 5/8" 32# J55 STC @ 3,649'

Squeeze Perf 3,900'

San Andres Perfs 4,300' to 4,340'

Cement Retainer 4,650'

Squeeze Perf 4,700'

Cement plug 4,739' to 4,941' 75 sx

TOC @ 7,830' Estimated

EZSV @ 8,300'

3-Brothers Perfs 8,974' to 8,978'

3-Brothers Perfs 8,994' to 8,998'

CIBP 9,026'

Bough "C" Perfs 9,037' to 9,049'

5 1/2" - 17# J55 8rd @ 5,959'

5 1/2" - 17# N80 8rd @ 9,089'

