Ceived by OFP: 6/6/2024 3:28:07 D	<i>PM</i> State of New Mexico	Form C-103 ¹ of 4
District I – (575) 393-6161 1625 N. French Dr., Hobbs, NM 88240 District II – (575) 748-1283	Energy, Minerals and Natural Resources	Revised July 18, 2013 WELL API NO. 30-015-28748
811 S. First St., Artesia, NM 88210	OIL CONSERVATION DIVISION	5. Indicate Type of Lease
<u>District III</u> – (505) 334-6178 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South St. Francis Dr.	STATE FEE
<u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM 87505	Santa Fe, NM 87505	6. State Oil & Gas Lease No.
SUNDRY NOT (DO NOT USE THIS FORM FOR PROPO	CES AND REPORTS ON WELLS SALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A CATION FOR PERMIT" (FORM C-101) FOR SUCH	7. Lease Name or Unit Agreement Name MARSHALL APH
PROPOSALS.) 1. Type of Well: Oil Well	Gas Well 🔲 Other	8. Well Number 002
2. Name of Operator		9. OGRID Number
	CK OPERATING II, LLC	330968
3. Address of Operator 19707 W		10. Pool name or Wildcat
	JIIIO, 1X /825/	PENASCO DRAW; SA-YESO
4. Well Location	om the North line and 1980 feet from the West line	
	aship 19S Range 25E NMPN	A County Eddy
	11. Elevation (Show whether DR, RKB, RT, GR, etc	
	3535' GR	
PULL OR ALTER CASING DOWNHOLE COMMINGLE CLOSED-LOOP SYSTEM OTHER: 13. Describe proposed or composed wave	MULTIPLE COMPL CASING/CEMEN OTHER: leted operations. (Clearly state all pertinent details, a ork). SEE RULE 19.15.7.14 NMAC. For Multiple Co	nd give pertinent dates, including estimated date
	completion. ugged and abandoned this well on 10-25-2023. Please	e see attached plugging report and wellbore
schematics.		
Spud Date:	Rig Release Date: CBL is or	n file
I hereby certify that the information	above is true and complete to the best of my knowled	ve and helief
Thereby certify that the information	above is the and complete to the best of my knowled	ge und benen.
signature Heather S		DATE 2.2.2024
	reffert TITLE Field Operations Analyst	DATE 2-2-2024
Type or print name Heather Treff For State Use Only	ert E-mail address: <u>hltreffert@silverbackexp.com</u>	PHONE: 575-689-5332
For State Use Only		PHONE: 575-689-5332

•

Marshall APH #2 30-015-28748

Silverback Operating II, LLC plans to plug and abandon this well as follows:

6/15/2023

- 1. MIRU pulling unit. NU BOP and kill well. Hot oiled stuck rods and POOH.
- 2. Scanned out tbg.
- 3. RIH w/ guage ring and junk basket to 2200'. Hole was clear.
- 4. Set CIBP @ 2100' and test to 800psi. Plug held.
- 5. RU bailer and made 2 runs to place 35' cmt plug on top of CIBP.
- 6. RIH w/ tbg open ended to 1530 '.
- 7. ND BOP and flange up wellhead w/ 3000psi valve on tbg. RDMO.

10/23/2023

- 1. MIRU PA unit. NU BOP.
- 2. POOH w/ 46 jts tbg. PU workstring and RIH open ended to tag plug at 2105'.
- 3. Spot Plug #1 w/ 29 sks class C cmt starting at 1250'. WOC and tag plug at 1075'.
- 4. Spot plug #2 w/ 26 sks class C cmt starting at 663'. WOC and tag plug at 520'.
- 5. RU wireline and perforated. RD wireline and RIH w/ 7" pkr. Check injection, checked out good.
- 6. Squeezed plug #3 w/ 55sks class C cmt to surface.
- 7. Cuttoff wellhead and install well marker. Clean location as needed.

.

Bit Sec: MW-KNG 19-193-20-UTIC E 30-17-23/47-8 COMMENTS A Forotage Calls (1980) FNL 660' FWL EVer 3335 GR CASING DETAIL A A Comments EVER 500 (NAD33): Lev 3335 GR Comments A A Comments EVER 500 (NAD33): Lev 3335 GR Comments Comments Comments EVER 500 (NAD33): Lev 3335 GR Comments Comments Comments EVER 500 (NAD33): Lev 3335 GR Comments Comments Comments Ever 500 (NAD33): Lev 3335 GR Comments Comments Comments Ever 500 (NAD33): Lev 300 (NAD33): Comments Comments Comments Ever 500 (NAD33): Lev 300 (NAD33): Comments Comments Ever 500 (NAD33): Comments Ever 500 (NAD33): Comments Comments Ever 500 (NAD33): Comments Ever 500 (NAD33): Comments Ever 500 (NAD33): Comments Ever 500 (NAD33): Ever 500 (NAD33): Comments Ever 500 (NAD33): Ever 500 (NAD33):	SX 00 sx
a glug CI C cmt 0.497 A A A H tolug 522-4637 mt plug 522-4637 B B B B (blug 1075-1.2507) B B B (blug 1075-1.2507) B B (blug 1075-1.2507) B B B (blug 1075-1.2507) B B B (blug 1075-1.2507) B B (blug 1075-1.2507) B B (blug 1075-1.2507)	00 sx
A B tplug 527-662' B tplug 527-662' B tplug 1075-4,250' C tplug 1075-4,250' B tplug 1075-4,250' C tplug 1075-4,250' C tplug 1075-4,250' S tplug 1075-4,250' S </td <td>00 sx</td>	00 sx
Holig 529'-633 Ht plug 529'-633 Ht plug 529'-633 B C B C B C	00 sx
nt plug 520'-652' A B I+34' 2-69' 3-64' 3-69' 3-65' 0 1,150' 2-69'' 3-65'' 0 1,150'' 2-69'' 3-65'' 0 1,150'' 2-69'' 3-65'' 0 1,160 '''' 2-69''' 2-69''' 2-69''' 2-69''' 2-69''' 2-69''' 2-69''' 2-69''' 2-69''' 2-69'''' 2-69'''' 2-69''''''''''''''''''''''''''''''''''''	00 sx
a Porf3 B 14-34* 9-96* 369 3-55 0 1,160 c/c/c 1425 sx b 3/2 for Circ 1/25 0 1,260 c/c/c 1425 sx - b 3/2 for Circ 1/25 0 1,260 c/c/c 1425 sx - c b 3/2 for Circ 1/25 0 1,260 c/c/c 1425 sx - c b 3/2 for Circ 1/25 0 1,260 c/c/c 1/25 sx - c b 3/2 for Circ 1/25 0 1,260 c/c/c 1/25 sx - c b 3/2 for Circ 1/25 0 1/25 sx - <td></td>	
HI plug 500-663° HI plug 500-663° HI plug 1075-1,250° B B 2,160° CI C cm plug 2,160° B 2,160° CI C cm plug 2,160° B 2,160° CI C cm plug 2,160° B Ports Hed: 2,112° 2,112° Hed: 2,210° 2,132° Hed: 2,210° 2,102° Ext. TOC (B, 328° Ext. TOC (B, 328° Ext. TOC (B, 328° Ext. TOC (B, 328° Ext. T	
mt plug 1075-1,250* B B B B 2,160* C1 C cnt plug 1.66* C B 2,160* C1 C cnt plug 1.66* C B Perfs San Andres B Performation TOP B Performation T	25 sx
Int plug 1075-1,280* B B FORMATION TOP (F) FORMATION TOP (F) 2,160*C1 C cmt plug 2,160*C1 C	
Int plug 1075-1,280* B B FORMATION TOP (FT) FORMATION TOP (FT) B 2,160* C1 C cmt plug 2,160* C1 C cmt plug 2,160*	
mit plug 1075-1,280* B B FORMATION TOP (F) FORMATION TOP (F) San Andros 613 T. Canyon 7,674 Glorietica 2,037 T. Abo 4,245	
mit plug 1075-1,280* B B FORMATION TOP (F) FORMATION TOP (F) San Andros 613 T. Canyon 7,674 Glorietica 2,037 T. Abo 4,245	
B San Andres 613 T. Canyon 7,874 Gordera 2,037 1 1 T. Abo 4,245 1 1 T. Boo 6,810 1 1 1 T. Boo 6,2425 1 1 1 T. Boo 6,2430 1 1 1 1 B Canyon 7,724 1	тор
B Glorieta 2,037	
B 2,160° C1 C cmt plug 2,160° Image: Comparison of the second	1,014
2 160°C T. Wolfcamp 5.510 ta Perfs ated: 2,114-2,118' ated: 2,114-2,118' 0 ated: 2,126-2,132' ated: 2,162-2,132' ated: 2,162-2,132' ated: 2,162-2,132' ated: 2,216-2,132' ated: 2,162-2,132' ated: 2,216-2,132' ated: 2,162-2,132' ated: 2,316-2,330' Ext. TOC @4,132 Ext. TOC @4,132 FORMATION TOP BASE TOBINE DETAIL TREATMENT A Canyon C Glorieta Ext. TOC @5,837 Ext. TOC @5,837 Ext. TOC @5,838 TREATMENT A Class TOP Bottom B Canyon TOB Stade d070 Brady sand D Interpret Ext. TOC @5,838 FORDOSED PLUGS # S Class TOp B Canyon T,520 TOP B Canyon T,520 TOP Ext. TOC @5,828 Interpret Interpret Interpret C Glorieta 2,1160 55 CIBP & cmt plug across surfac	
2,160* TUBING DETAIL 0D GRADE WGHT TOP BASE ated: 2,114*-2,118* ated: 2,12*2,132* ated: 2,13*2,152* ated: 2,13*2,152* ated: 2,270-2,300* ated: 2,270-2,300* ated: 2,270-2,300* ated: 2,316-2,330 Est. TOC @4,132 Est. TOC @5,37* Est. TOC @5,37* Est. TOC @5,37* Est. TOC @5,385 Est. TOC @5,385 C Glorieta 2,114 2,330 Red to graph and t	
ta Porfs atod: 2,114: 2,118' atod: 2,114: 2,118' atod: 2,126': 2,132' atod: 2,132', 132' atod: 2,216: 2,132' atod: 2,220': 2,24' atod: 2,216: 2,132' atod: 2,216: 2,132' atod: 2,216: 2,132' atod: 2,220': 2,24' atod: 2,216: 2,300' Est. TOC @4,132 Est. TOC @5,828 Est. TOC @5,828 Est. TOC @5,828 Est. TOC @7,885 C D Est. TOC @7,885 c C B C anyon 7,722 7,826 N/A A class C Glorieta 2,114 2,132 Est. TOC @7,885 c C G C C G C C G C C S C C C S C 1 C C 2,105 2,120 C 1,075 1,250 175 C C S C S C S C S C S C S C S C S C S C	
ta Perfs ated: 2,114:2,118' ated: 2,132',132',132' ated: 2,138: 2,152' ated: 2,138: 2,152' ated: 2,216: 2,132' ated: 2,220'-2,254' ated: 2,236: 2,330 Est. TOC @,1,32 Est. TOC @,1,32 Est. TOC @,5,87 Est. TOC @,5,87 Est. TOC @,5,87 Est. TOC @,7,85 C G C C WHOF: Est. TOC @,5,87 Est. TOC @,5,87 Est. TOC @,5,87 Est. TOC @,5,87 Est. TOC @,5,87 Est. TOC @,7,85 C G C Glorieta 2,114 2,30 Acidze w/3000g 15% HCL acid, frac w/ 306; mesh, 16/30 and 40/70 Brady sand D Est. TOC @,7,85 Factor of the second domain and the second do	
a Perfs ted: 2,14*-2,118* ted: 2,14*-2,118* ted: 2,12*-2,132* ted: 2,12*-2,132* ted: 2,13*-2,145* ted: 2,20*-2,254* ted: 2,21*-2,300* ted: 2,316-2,330* Est. TOC @4,132 Est. TOC @5,828 Est. TOC @7,835 Est. TOC @7,835 c minimized control of the state of	
ted: 2,114'-2,118' ted: 2,126'-2,132' ted: 2,138'-2,152' ted: 2,220'-2,254' ted: 2,210'-2,300' Est. TOC @4,132 B Canyon C Glorieta 2,114 2,330 B Canyon Est. TOC @5,828 Est. TOC @7,885 C Glorieta Est. TOC @7,885 c 10' C 2,105 2,105 2,160 5,100 150 C 10' C 10' C 2,105 C 10' Est. TOC @7,585 C C 29' <tr< td=""><td></td></tr<>	
ted: 2,126'-2,132' ted: 2,136'-2,132' ted: 2,16'-2,134' ted: 2,276'-2,300' Est. TOC @4,132 Est. TOC @5,828 Est. TOC @5,828 Est. TOC @7,855 C C Glorieta 2,114 2,330 A Canyon 7 Stroc @7,855 Est. TOC @7,855 TOC @7,855 C Glorieta C 1 C 2,105 C 1,075 test. TOC @7,855 C 1,075 test. TOC @7,855 C 1,075 test. TOC @7,855 C 1,075 test. TOC	
atted: 2,138'-2,152' atted: 2,156'-2,194' atted: 2,220'-2,254' atted: 2,2316-2,300' Est. TOC @4,132 @ 4106' Est. TOC @5,828 Est. TOC @5,828 Est. TOC @7,835 C G Image: Comparison of the state of the	
ated: 2,156'-2,194' ated: 2,20'-2,254' ated: 2,20'-2,264' ated: 2,316-2,330' ed: 1,102' ed: 1,102' <t< td=""><td></td></t<>	
rated: 2,220-2,254' ated: 2,270-2,300' rated: 2,216-2,330 Est. TOC @4,132 @ 4106' Est. TOC @5,397 Est. TOC @5,828 Est. TOC @7,585 C Glorieta 2,114 2,300 7,727 7,828 N/A B Canyon 7,727 7,826 N/A C Glorieta 2,114 2,330 Acidize w/3000g 15% HCL acid, frac w/306, mesh, 16/30 and 40/70 Brady sand D - - - PROPOSED PLUGS # 5x Class Top Bottom Ht Notes - 1 C 2,105 2 29 C 1,075 3 26 C 520 663 6 - - - 7 - - - C 150 150 Surface plug.Squeezed 5 -	
Perforation 2,230' Perforation DE TAIL @ 4106' Est. TOC @4,132 @ 4106' Est. TOC @5,528 Est. TOC @7,585 C G Glorieta C Glorieta C Canyon PROPOSED PLUGS # SX Class Top B Canyon C Glorieta C C G Canyon C Canyon C Glorieta C Canyon C Canyon C Canyon C Glorieta C Canyon C Glorieta C Class Top Bottom Ht Notes C Strate plug to cover Glorieta perf 2 29 C 1,075 S C Strate plug Squeezed S C Strate plug.Squeezed S C Strate plug.Squeezed S C Co <	
Final Processing Formation TOP BASE TREATMENT @ 4106' Est. TOC @4,132 A Canyon 7,890 7,898 N/A @ 4106' Est. TOC @5,397 Est. TOC @5,387 Est. TOC @5,828 C Glorieta 2,114 2,330 Acidize w/3000g 15%, HCL acid, frac w/306, mesh, 16/30 and 40/70 Brady sand Est. TOC @5,828 Est. TOC @7,585 Est. TOC @7,585 Est. TOC @7,585 I I I C 2,105 2,160 55 CIBP & cmt plug to cover Glorieta perf 2 2.99 C 1,075 1,250 175 Cmt plug across surface shoe 3 2.6 C 520 663 Cmt plug across surface shoe I 3 2.6 C 520 663 Cmt plug across surface shoe I	
Est. TOC @4,132 A Canyon 7,890 7,890 N/A @ 4106' Est. TOC @5,397 Est. TOC @5,397 B C Glorieta 2,114 2,330 Acidize w/3000g 15%; HCL acid, frac w/306, mesh, 16/30 and 40/70 Brady sand D C Glorieta 2,114 2,330 Acidize w/3000g 15%; HCL acid, frac w/306, mesh, 16/30 and 40/70 Brady sand E C Glorieta 2,114 2,330 Mesh, 16/30 and 40/70 Brady sand PROPOSED PLUGS E C Start Class TOp Bottom Ht Notes # sx Class Top Bottom Ht Notes 1 2 29 C 1,075 1,250 175 Cmt plug across surface shoe 3 3 2.6 C 520 663 Cmt plug.Squeezed 5 4 55 C 0 150 Surface plug.Squeezed 5 5 Image: Complexity of the surface plug across surface shoe Image: Complexity of the surface plug.Squeezed 1	TMENT
@ 4106' Est. TOC @5,397 Est. TOC @5,828 Est. TOC @5,828 Est. TOC @7,585 Est. TOC @7,585 C Glorieta 2,114 2,330 Acidize w/3000g 15%, HCL acid, frac w/306, mesh, 16/30 and 40/70 Brady sand D Image: Comparison of the comparison of t	
@ 4106' Est. TOC @ 5,397 Est. TOC @ 5,828 Est. TOC @ 7,585 Est. TOC @ 7,585 Image: Control of the state of t	
@ 4106' Est. TOC @5,397 Est. TOC @5,828 D Est. TOC @7,585 C C	cid. frac w/ 306.140# 1
Est. TOC @5,828 Est. TOC @7,585 Image: constraint of the second constraint of the sec	
Ext. TOC @7,585 Est. TOC @7,585 C C Image: Control of the state of the s	
Image: Section (Image: Section (Ima	
Est. TOC @7,585 # Sx Class Top Bottom Ht Notes 1 C 2,105 2,160 55 CIBP & cmt plug to cover Glorieta perf 2 29 C 1,075 1,250 175 Cmt plug across surface shoe 3 26 C 520 663 Cmt plug. 4 55 C 0 150 Surface plug.Squeezed 6 - - - - - 7 - - - - -	
Chi C	
1 C 2,105 2,160 55 CIBP & cmt plug to cover Glorieta perf 2 29 C 1,075 1,250 175 Cmt plug across surface shoe 3 26 C 520 663 Cmt plug 6 4 55 C 0 150 Surface plug,Squeezed 5 6	Та
2 29 C 1,075 1,250 175 Cmt plug across surface shoe 3 26 C 520 663 Cmt plug 2 4 55 C 0 150 150 Surface plug, Squeezed 5 5 - - - - - - - 6 - - - - - - -	
c 1,230 173 173 173 3 26 c 520 663 Cmt plug 4 55 C 0 150 150 5 - - - - - 6 - - - - - 7 - - - - -	
4 55 C 0 150 Surface plug, Squeezed 5 6 7 1 1 1 1	1
c	Y
c 5 6 6 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6	
c 7 7	
PBTD: 4.106 MD	
PBTD: 4.106 MD	
TD: 8,250 MD	

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 Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
Silverback Operating II, LLC	330968
1001 W. Wilshire Blvd	Action Number:
Oklahoma City, OK 73112	351725
	Action Type:
	[C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By		Condition Date
kfortner	Need C103Q and marker photo to release CBL is on file	8/13/2024

CONDITIONS

Page 4 of 4

Action 351725