eccived by OCD: 11/29/2023 4:40:30 I	State of New Mexico	Form CP-48931 0
Office District I – (575) 393-6161	Energy, Minerals and Natural Resources	Revised July 18, 2013
1625 N. French Dr., Hobbs, NM 88240		WELL API NO.
<u>District II</u> – (575) 748-1283	OIL CONSERVATION DIVISION	30-025-20100
811 S. First St., Artesia, NM 88210 District III – (505) 334-6178	1220 South St. Francis Dr.	5. Indicate Type of Lease
1000 Rio Brazos Rd., Aztec, NM 87410	Sonto Fo. NM 87505	STATE FEE
<u>District IV</u> – (505) 476-3460	Salla Fe, NM 87505	6. State Oil & Gas Lease No.
1220 S. St. Francis Dr., Santa Fe, NM 87505		31/0/1
SUNDRY NOTICE	S AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPOSAL DIFFERENT RESERVOIR. USE "APPLICAT	S TO DRILL OR TO DEEPEN OR PLUG BACK TO A TON FOR PERMIT" (FORM C-101) FOR SUCH	State H
PROPOSALS.)		8. Well Number 17-1
1. Type of Well: Oil Well 🗶 Ga	as Well [] Other	
2. Name of Operator		9. OGRID Number 371462
Robertson-Bryce Management, LLC		10 D I Willer
3. Address of Operator		10. Pool name or wildcat
3650 Old Bullard Road, Suite 230, Ty	ler, Texas 75701	Grayburg-San Andeas
4. Well Location		
Unit Letter <u>E</u> :	<u>1650'</u> feet from the <u>N</u> line and	<u>330'</u> feet from the <u>W</u> line
Section 17	Township 20S Range 37E	NMPM County Lea
	1. Elevation (Show whether DR, RKB, RT, GR, etc.)	

NOTICE OF IN	ITENTION TO:		SUBSI	EQUENT RE	PORT OF:	
PERFORM REMEDIAL WORK	PLUG AND ABANDON	X	REMEDIAL WORK		ALTERING CASIN	G 🗌
TEMPORARILY ABANDON	CHANGE PLANS		COMMENCE DRILL	ING OPNS.	P AND A	
PULL OR ALTER CASING	MULTIPLE COMPL		CASING/CEMENT J	юв 🗌		
DOWNHOLE COMMINGLE				Notify OCD 24 br	s prior to any work]
CLOSED-LOOP SYSTEM				done	3. phor to any work	
OTHER:			OTHER:	uone		

 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.

Robertson-Bryce Management, LLC intends to plug and abandon the State H-17 #1 well. Operations to plug are expected to commence in January, 2024.

Five plugs are proposed to comply with "Conditions for Plugging and Abandonment" Southern District OCD Guidelines, as follows: a bottom plug set above the perfs (CICR) at 3420' with cement plug above), at the top of the Yates (perf and squeeze at 2530'), at the top of annular cement (2150'), at the top of the Salt (perf and squeeze at 1180'), and a surface plug (perf and squeeze at 200'). All cement volumes figure a Class C yield of 1.32 cubic feet per sack. For volumes within the 7" casing there was included 50' of excess cement, and for volumes outside the 7" casing there was included 100% excess volume.

Spud Date:	Rig Release Date:	
SEE ATTACHED C	OA's MUST BE PLUGGED B	Y 11/1/24
I hereby certify that the information above is	s true and complete to the best of my knowledge an	d belief.
SIGNATURE Denie A. R.L.	mi TITLE President	DATE 11/21/2023
Type or print name Daniel I Robertso	on E-mail address: dirobertson@robertsc	onenergy.net PHONE: 903-509-9119
APPROVED BY: Conditions of Approval (if any): Released to Imaging: 12///2023 9:14:10 AM		ger DATE <u>12/7/23</u>



State H-17 #1 Well Proposed Plugging Plan API 30-025-20100 Lea County, New Mexico Robertson-Bryce Management, LLC OGRID#: 371452

PLUGGING PLAN

1. Notification of OCD is required 24 hours before operations begin: 575-626-0830.

Note: Per NMAC 19.15.25.10: Mud-laden fluid is required between all plugs mixed at 25 sacks per 100 barrels.

Note: Cement volumes were calculated using a 1.32 ft³/sack yield for Class C cement. Casing plug volumes were figured using 100' plugs with 50' excess plug length. For squeeze plugs into the annular area between casing and hole, plug volumes were calculated using 100% excess.

- 2. RU P&A pulling unit and associated equipment.
- 3. LD horses head, pumping tee, flowline. LD polish rod.
- 4. POOH with rods and insert pump.
- 5. NU BOP. POOH with 2-3/8" tubing, SN, perf sub, mud joint and BP.
- 6. RU electric line. RIH with CBL tool and obtain log. Obtain necessary clearances from OCD to proceed.
- 7. RIH with CICR. Set CICR at 3420'. Sting out of CICR and set a balanced plug of 24 sacks of Class "C" cement on top of CICR. Reverse circulate work string and PU work string approx. 200'.
- 8. WOC for approx. 4 hours then RIH and tag top of cement. Bubble test
- 9. RU electric line. RIH with perforating gun and perforate casing at 2530'. POOH with perforating gun. See CBL if good bond spot balanced plug tag not needed
- 10. RIH with work string to 2530'. Attempt to squeeze/displace 47 sacks of Class C cement. Reverse circulate work string and PU work string approx. 200'.
- 11. WOC for approx. 4 hours then RIH and tag top of cement.
- 12. RIH with work string to 2150'. Displace 25 sacks of Class C cement from 2150' to 2050'. Reverse circulate work string and PU work string approx. 200'.
- 13. WOC for approx. 4 hours then RIH and tag top of cement. woc and tag not needed
- 14. RU electric line. RIH with perforating gun and perforate casing at 1180'. POOH with perforating gun.
- 15. RIH with work string to 1180'. Attempt to squeeze/displace 47 sacks of Class C cement. Reverse circulate work string and PU work string approx. 200'.
- 16. WOC for approx. 4 hours then RIH and tag top of cement.
- 17. RU electric line. RIH with perforating gun and perforate casing at 205'. POOH with perforating gun.
- 18. RIH with work string to 205'. Attempt to squeeze/displace 85 sacks of Class C cement into annulus and to surface. POOH with work string.
- 19. ND BOP. Cut off wellhead below surface casing flange. Top off casing with cement as necessary. Install a 4" diameter steel marker extending a minimum of 4' above ground level into the top cement plug. The marker will have the operator's name (Robertson-Bryce Management, LLC), lease name (State H-17 #1), location (E-17-20S-37E) welded into the metal of the marker.
- 20. RD pulling unit and plugging equipment. See COA's for marker requirements

CONDITIONS FOR PLUGGING AND ABANDONMENT

OCD - Southern District

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, Notify NMOCD at 575-626-0830 at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down. Company representative will be on location during plugging procedures.

- 1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
- 2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
- 3. Trucking companies being used to haul oilfield waste fluids to a disposal commercial or private shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
- 4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
- 5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
- 6. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
- 7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
- 8. Produced water will not be used during any part of the plugging operation.
- 9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
- 10. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
- 11. Class 'C' cement will be used above 7500 feet.
- 12. Class 'H' cement will be used below 7500 feet.
- 13. A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged
- 14. All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.

- 16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
- 17. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.
- 18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, (WOC 4 hrs and tag).
- 19. No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.
- 20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
 - A) Fusselman
 - B) Devonian
 - C) Morrow
 - D) Wolfcamp
 - E) Bone Springs
 - F) Delaware
 - G) Any salt sections
 - H) Abo
 - I) Glorieta
 - J) Yates.
 - K) Cherry Canyon Eddy County
 - L) Potash----(In the R-111-P Area (Page 3 & 4), a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, WOC 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.
- 21. If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, WOC and tagged. These plugs will be set 50' below formation bottom to 50' above formation top inside the casing

DRY HOLE MARKER REQUIRMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least ¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name2. Lease and Well Number3. API Number4. Unit Letter5. QuarterSection (feet from the North, South, East or West)6. Section, Township and Range7. Plugging Date8. County(SPECIAL CASES)------AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION

R-111-P Area

T 18S – R 30E

Sec 10 Unit P. Sec 11 Unit M,N. Sec 13 Unit L,M,N. Sec 14 Unit C -P. Sec 15 Unit A G,H,I,J,K,N,O,P. Sec 22 Unit All except for M. Sec 23, Sec 24 Unit C,D,E,L, Sec 26 Unit A-G, Sec 27 Unit A,B,C

T 19S – R 29E

Sec 11 Unit P. Sec 12 Unit H-P. Sec 13. Sec 14 Unit A,B,F-P. Sec 15 Unit P. Sec 22 Unit A,B,C,F,G,H,I,J K,N,O,P. Sec 23. Sec 24. Sec 25 Unit D. Sec 26 Unit A- F. Sec 27 Unit A,B,C,F,G,H.

T 19S – R 30E

Sec 2 Unit K,L,M,N. Sec 3 Unit I,L,M,N,O,P. Sec 4 Unit C,D,E,F,G,I-P. Sec 5 Unit A,B,C,E-P. Sec 6 Unit I,O,P. Sec 7 – Sec 10. Sec 11 Unit D, G—P. Sec 12 Unit A,B,E-P. Sec 13 Unit A-O. Sec 14-Sec 18. Sec 19 Unit A-L, P. Sec 20 – Sec 23. Sec 24 Unit C,D,E,F,L,M,N. Sec 25 Unit D. Sec 26 Unit A-G, I-P. Sec 27, Sec 28, Sec 29 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 32 Unit A,B,G,H,I,J,N,O,P. Sec 33. Sec 34. Sec 35. Sec 36 Unit D,E,F,I-P.

T 19S – R 31E

Sec 7 Unit C,D,E,F,L. Sec 18 Unit C,D,E,F,G,K,L. Sec 31 Unit M. Sec 34 Unit P. Sec 35 Unit M,N,O. Sec 36 Unit O,P.

T 20S – R 29E

Sec 1 Unit H,I,P. Sec 13 Unit E,L,M,N. Sec 14 Unit B-P. Sec 15 Unit A,H,I,J,N,O,P. Sec 22 Unit A,B,C,F,G,H,I,J,O,P. Sec 23. Sec 24 Unit C,D,E,F,G,J-P. Sec 25 Unit A-O. Sec 26. Sec 27 Unit A,B,G,H,I,J,O,P. Sec 34 Unit A,B,G,H. Sec 35 Unit A-H. Sec 36 Unit B-G.

T 20S – R 30E

Sec 1 – Sec 4. Sec 5 Unit A,B,C,E-P. Sec 6 Unit E,G-P. Sec 7 Unit A-H,I,J,O,P. Sec 8 – 17. Sec 18 Unit A,B,G,H,I,J,O,P. Sec 19 Unit A,B,G,H,I,J,O,P. Sec 20 – 29. Sec 30 Unit A-L,N,O,P. Sec 31 Unit A,B,G,H,I,P. Sec 32 – Sec 36.

T 20S – R 31E

Sec 1 Unit A,B,C,E-P. Sec 2. Sec 3 Unit A,B,G,H,I,J,O,P. Sec 6 Unit D,E,F,J-P. Sec 7. Sec 8 Unit E-P. Sec 9 Unit E,F,J-P. Sec 10 Unit A,B,G-P. Sec 11 – Sec 36.

T 21S – R 29E

Sec 1 – Sec 3. Sec 4 Unit L1 – L16,I,J,K,O,P. Sec 5 Unit L1. Sec 10 Unit A,B,H,P. Sec 11 – Sec 14. Sec 15 Unit A,H,I. Sec 23 Unit A,B. Sec 24 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 25 Unit A,O,P. Sec 35 Unit G,H,I,J,K,N,O,P. Sec 36 A,B,C,F – P.

T 21S – R 30E

Sec 1 – Sec 36

T 21S – R 31E

Sec 1 – Sec 36

T 22S – R 28E

Sec 36 Unit A,H,I,P.

T 22S – R 29E

Sec 1. Sec2. Sec 3 Unit I,J,N,O,P. Sec 9 Unit G – P. Sec 10 – Sec 16. Sec 19 Unit H,I,J. Sec 20 – Sec 28. Sec 29 Unit A,B,C,D,G,H,I,J,O,P. Sec 30 Unit A. Section 31 Unit C – P. Sec 32 – Sec 36

T 22S – R 30E

Sec 1 – Sec 36

T 22S – R 31E

Sec 1 – Sec 11. Sec 12 Unit B,C,D,E,F,L. Sec 13 Unit E,F,K,L,M,N. Sec 14 – Sec 23. Sec 24 Unit C,D,E,F,K,L,M,N. Sec 25 Unit A,B,C,D. Sec 26 Unit A,B,C,D,G,H. Sec 27 – Sec 34.

T 23S – R 28E

Sec 1 Unit A

T 23S – R 29E

Sec 1 – Sec 5. Sec 6 Unit A – I, N,O,P. Sec 7 Unit A,B,C,G,H,I,P. Sec 8 Unit A – L, N,O,P. Sec 9 – Sec 16. Sec 17 Unit A,B,G,H,I,P. Sec 21 – Sec 23. Sec 24 Unit A – N. Sec 25 Unit D,E,L. Sec 26. Sec 27. Sec 28 Unit A – J, N,O,P. Sec 33 Unit A,B,C. Sec 34 Unit A,B,C,D,F,G,H. Sec 35. Sec 36 Unit B,C,D,E,F,G,K,L.

T 23S – R 30E

Sec 1 – Sec 18. Sec 19 Unit A – I,N,O,P. Sec 20, Sec 21. Sec 22 Unit A – N, P. Sec 23, Sec 24, Sec 25. Sec 26 Unit A,B,F-P. Sec 27 Unit C,D,E,I,N,O,P. Sec 28 Unit A – H, K,L,M,N. Sec 29 Unit A – J, O,P. Sec 30 Unit A,B. Sec 32 A,B. Sec 33 Unit C,D,H,I,O,P. Sec 34, Sec 35, Sec 36.

T 23S – R 31E

Sec 2 Unit D,E,J,O. Sec 3 – Sec 7. Sec 8 Unit A – G, K – N. Sec 9 Unit A,B,C,D. Sec 10 Unit D,P. Sec 11 Unit G,H,I,J,M,N,O,P. Sec 12 Unit E,L,K,M,N. Sec 13 Unit C,D,E,F,G,J,K,L,M,N,O. Sec 14. Sec 15 Unit A,B,E – P. Sec 16 Unit I, K – P. Sec 17 Unit B,C,D,E, I – P. Sec 18 – Sec 23. Sec 24 Unit B – G, K,L,M,N. Sec 25 Unit B – G, J,K,L. Sec 26 – Sec 34. Sec 35 Unit C,D,E.

T 24S – R 29E

Sec 2 Unit A, B, C, D. Sec 3 Unit A

T 24S – R 30E

Sec 1 Unit A – H, J – N. Sec 2, Sec 3. Sec 4 Unit A,B,F – K, M,N,O,P. Sec 9 Unit A – L. Sec 10 Unit A – L, O,P. Sec 11. Sec 12 Unit D,E,L. Sec 14 Unit B – G. Sec 15 Unit A,B,G,H.

T 24S – R 31E

Sec 3 Unit B – G, J – O. Sec 4. Sec 5 Unit A – L, P. Sec 6 Unit A – L. Sec 9 Unit A – J, O,P. Sec 10 Unit B – G, K – N. Sec 35 Unit E – P. Sec 36 Unit E,K,L,M,N.

T 25S – R 31E

Sec 1 Unit C,D,E,F. Sec 2 Unit A – H.

Robertson Energy Resources, LTD

	Location
Location	E-17-20S-37E (1650 FNL & 330 FWL), 40 Acre
Field-Lease	Eunice Monument Field Grayburg-San Andreas
Operator OGRID	371462
Survey:	GC & SF RR Co., Sec. 131, Survey A-794
County:	Lea County, NM
Property No.:	317071 State H-17
Sunoco Lease:	019107-01, 02
ALL MEASUREME	NTS ARE FROM KDB
	Elevations
GL- SL	3542'
DF-SL	3550'
KDB-SL	3441'
KDB-GL	9.4'

	History
6/22-30/1963	MIRU drilling rig. Spud well. Drill to 155'. Set and cemnt 12-3/4" casing. Drill to TD of
	3800'. Run casing and cement in place. Run temp survey. TOC @ 2100'.
07/14/63	Compl well in Grayburg San Andres. Acidize & perform frac job. Flowed 45 bopd, 0 bwpd.
Reprt of 8/2/1966	POOH w 2-3/8" tbg and cleaned out well to 3780'. Acidized well. Swabbed. Flowed
	40 bopd, 0 bwpd.
Reprt of 2/13/1975	Pull tubing. Set RTBP @ 3735'. Add new perfs to well. RIH w tbg and packer. Acidize.
	Gas production appears to have started.
02/13-15/2017	MIRU Basic. POOH w rods & pump. POOH w tubing . Rod pump worn out. RIH w tubing
	testing to 5000#. No busted joints. RIH w rod pump and rods.
02/2-6/2020	MIRU Basic. POOH w rods & pump. POOH w tubing . Rod pump balls & seat badly worn.
	Mud jt partially eaten up-cut off bad section. RIH w/ mud jt, new SN, new perf sub & tbg
	testing to 5000#. No busted joints. RIH w rod pump and rods.
07/7-9/2020	MIRU Lucky. POOH w rods & pump. LD 19-7/8" and 49-34/" rods due to pitting. Rod pump
	valves & seats badly worn, barrel & plunger scarred. RIH w/pump and rods. Att to load
	well w/2% KCL. No joy. POOH with rods & pump. NU BOPS. POOH w/tubing. Hole in jt 53.
	Bot'm 6 joints eaten up (jts 112-117). Mud jt & perf sub OK. New SN. RIH w/tubing testing
	to 5000#. Busted 4 add'l jts. RIH w rod pump and rods. Dumped 5 gals bactericide down
	annulus (Endura).
9/15-23/20	Suspected casing leak due to 100% SW, no oil. RU Lucky. Pull tbg & rods. RIH w/RBP. Test
	casg fr top of perfs to surf. Leak in WH. Remove/repl WH. No casg leak. RIH w/tbg, rods
	and pump. Place online. Sped up unit from 9 SPM to 13 SPM due to water production.
12/25/20-4/5/21	Well SD due to suspected rod part.
4/5-4/7/21	MIRU Lucky. Pull well. (Rods parted at 452'.) RIH w/tbg & bit testg to 5000#. RIH w/CIBP &
	set @3774'. Run completion. Place well online. Slowed down unit to 9 SPM.
5/6-5/7/2021	MIRU Standard. Pull well. (rods parted on 4th 3/4 rod). Fish & POOH w/rod pump. Pump OK.
	LD 54 pitted 3/4" rods. Note: changed rod design: added 15 -7/8" rods to rod string.

Tubing Detail (top to bottom)			
Joints	Description	Footage	Sum Depth
	КВ	10.00	10.00
119	2-3/8" 4.7# J-55 (?)	3,725.62	3,735.62
1	2-3/8" Seating nipple	1.10	3,736.72
1	2-3/8" perforated sub	4.00	3,740.72
1	2-3/8" mud joint	31.14	3,771.86
	EOT		3,771.86

Rod Detail (top to bottom)			
Rods	Description	Footage	Depth
	1-1/4" x 22' PR w/1-1/2"x10' liner	0	0
1	7/8" x 2' rods pony rod (Class D)	2	2
1	7/8" x 6' rods pony rod (Class D)	6	8
1	7/8" x 8' rods pony rod (Class D)	8	16
33	7/8" x 25' rods (Class D)	825	841
114	3/4" x 25' rods (Class D)	2,850	3,691
1	3/4" x 2' pony rod (Class D)	2	3,693
Rod Pump	20-150-RXBC-16-4-0	16	3,709
Gas Anchor	1" x 1'	1	3,710
			2 710

State H-17 #001

Eunice Monument Field Lea County, NM Wellbore Diagram

EOT@3771'

CIBP@3774' KDB

PBTD @ 3790' (Electric Line)

TD 3800

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Well ID Information	
API Number 30-025-20100	
Spud Date	June 22, 1963
Completion Date July 14, 1963	
Hole Size	17-1/2"
	Surface Hole
Surface Casing 12-3/4" 50# @ 155'	
Surface Casing	12-3/4 50#@155

Sumulation	
Report of 7/15/1963	1250 gal acid, Frac w 10,000 gals + 10,000#
Report of 8/2/1966	2000 gal + 18 BS
Report of 2/13/75	8000 gal 15% LSTNE acid for new perfs.
	Annular Cement
Est TOC	2100'
Method	Temp Survey
	Fluid Level History
Too of any	2740 (Casulaura)

Top of pay	3748' (Grayburg)
7/2/2020	2958.26' (564' above top perf)
11/4/2020	3188' (334' above top perf)
3/13/2021	3068.19' (454' above top perf)

Production Hole	
Hole Size	8-3/4"
Production Casing	7"29# N-80 @ 3800'
	Cmtd w/310 sx Class 'C' Cement
	(Annular volume: .0317 bbl/ft)
CIBP	Set at 3774' KDB on 4/6/2021.

Grayburg - San Andres Perforations	
	(Note: Topmost perf = 3,522')
7/9/1963	3748'-50, 3765';-67, 3785'-87'
Report of 8/2/1966	3748'-3787' @ ? SPF
Report of 2/13/1975	3522', 3529', 3544', 3555', 3569', 3578', 3587',
	3594', 3605', 3626', 3645', 3658', 3674', 3685',
	3700', 3712', 3724', 3732' (all w 1-3/8" jet gun.

 Pumping Equipment

 Cabot 160D with 54" stroke (max slot), 10 hp motor, 130 rpm, 25"

 pulley at gearbox. 6" pulley at motor. New motor 6/14/2021.

 Pump rate=120 BLPD

Rev. 4/15/2021 Rev. 3/17/2021 Rev. 11/5/2020 Rev. 10/15/2020 Rev. 7/10/2020 Rev. 2/14/2020



Proposed Plugging and Abandonment Sketch

Location E-17-20S-37E (1650 FNL & 330 FWL), 40 Acre Eunice Monument Field Grayburg-San Andreas Operator OGRID 371462 GC & SF RR Co., Sec. 131. Survey A-794 Perf and Attempt Squeeze Lea County, NM 317071 State H-17 85 sacks Class "C" to surface Property No.: Sunoco Lease 019107-01, 02 Perf @ 205' ALL MEASUREMENTS ARE FROM KDB Elevations 3542' 3550'

Perf and Attempt Squeeze 47 Sacks Class "C" Perf @ 1180' WOC 4 hours and tag

Note:

Location Field-Lease

Survey:

County:

GL- SL

KDB-SL

KDB-GI

3441'

DF-SL

- 1. A Cement Bond Log is required before plugging begins.
- 2. Mud laden fluid is required between all plugs mixed at 25 sacks per 100 bbls.
- 3. NMOCD Notification Required 24 hours prior: 575-626-0830

Displace 24 Sacks Class "C" WOC 4 hours and tag

Cement Plug Calculations	
7" 29# Casing capacity (ft ³ /ft):	0.2085
7" x 8-3/4" hole cap. (ft ³ /ft):	0.1503
Class C Cement Yield (ft ³ /sack)	1.32
	•
150' plug volume for 7" 20# Casing (sx):	24
100' Hole x Casing annular vol. plus 100% excess (sx):	23
Perf & Sqz. Cement Plug Volume (sx):	47
205' Surface Plug Volume (sx):	87

Perf and Attempt Squeeze 47 Sacks Class "C" Perf @ 2530' WOC 4 hours and tag

Displace 24 Sacks Class "C" WOC 4 hours and tag Set a CICR@3420'



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

COMMENTS

Operator:	OGRID:
ROBERTSON-BRYCE MANAGEMENT, LLC	371452
3650 Old Bullard Road	Action Number:
Tyler, TX 75701	289624
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM.	12/7/2023

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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:
ROBERTSON-BRYCE MANAGEMENT, LLC	371452
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CONDITIONS

Created By	Condition	Condition Date
gcordero	None	12/7/2023

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