

Submit 1 Copy To Appropriate District
Office

District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
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District III – (505) 334-6178
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1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103

Revised July 18, 2013

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-31735
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Raybaw Operating, LLC		6. State Oil & Gas Lease No. 330228
3. Address of Operator 2626 Cole Avenue, Suite 300 Dallas, TX 75204		7. Lease Name or Unit Agreement Name Watkins 32 State
4. Well Location Unit Letter F : 1980 feet from the N line and 1650 feet from the W line Section 32 Township 18S Range 32E NMPM County Lea		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3701.6' (GR)		9. OGRID Number 330220
		10. Pool name or Wildcat Lusk Bone Spring, North

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: Add perforations to Lusk Bone Spring, North ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

13. 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.

Procedure attached.

Spud Date:

Rig Release Date:

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

SIGNATURE Nancy J. Winn TITLE Regulatory Analyst DATE 02-13-2024

Type or print name Nancy J. Winn E-mail address: nwinn@sbcglobal.net PHONE: 281-793-5452

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any): _____

WATKINS STATE 32 #001
ADD PERFORATIONS TO FIRST BONE SPRING

NOTE: ALL DEPTHS ARE REFERENCED FROM A 23' KB. ALL PERFORATION ARE REFERENCED FROM SLB CNL RUN 11/26/1992.

WHILE PULLING WELL AND PREPING FOR RC, MI AND SPOT AND FILL FRAC TANKS.

1. TEST AND OR INSTALL RIG ANCHORS
2. MIRU PULLING UNIT AND REVERSING PACKAGE. RECORD TUBING AND CASING PRESSURES.
3. RU RETURN LINES TO CASING VALVE. RUN LINES THROUGH A CHOKE MANIFOLD, GAS BUSTER,
4. SEAT PUMP AND PRESSURE TEST TUBING TO 1,000 PSI.
5. RU ROD HANDLING EQUIPMENT. POOH WITH RODS AND PUMP. NOTE ON THE MORNING REPORT: THE ROD TYPE, SIZE, AND COUNT FOR EACH TAPER AS POOH. K-BARS ETC. PUMP TYPE AND SIZE.
 - a. SEND PUMP TO GARNER PUMP TO BE REBUILT
6. NU BOPE AND TUBING SCANNING EQUIPEMNT.
 - a. INTALL 4' FLOW CROSS SPOOL BETWEEN WELLHEAD FLANGE AND BOPE TO TAKE RETURNS FROM CASING X TUBING ANNULUS. INSTALL DOUBLE VALVES ON FLOW CROSS.
7. RU TUBING HANDLING EQUIPMENT. MU LANDING JOINT. RELEASE TAC AND POOH SCANNING, INSPECTING AND LAYING DOWN TUBING. **REMOVE REJECT JOINTS FROM FLOAT/RACK AND PAINT PIN ENDS RED.** NOTE EXTERNAL CONDITION OF TUBING AND NOTE DEPTH (JOINT NUMBERS) OF SCALE ETC.
8. MU 4-3/4" BIT AND SCRAPER FOR 5-1/2" 17# CASING. TIH WITH 2-7/8" 8RD EUE L80 WORKSTRING TO 8,800'. TALLY PIPE WHILE TIH.
 - a. PRIOR TO TIH CALIBRATE TONGS TO RECOMMENDED MAKE UP TORQUE FROM ENERGY PIPE.
 - b. THROUGHOUT THE OPERATION UTILIZE BEST-O-LIFE 2000 PIPE DOPE. USE PAINT BRUSH TO DOPE PIN ENDS ONLY.
 - c. CASING LEAK FROM 4445-4510 REPAIRED IN SEPTEMBER 2003. TIH SLOWLY THROUGH INTERVAL AND BE PRESENT ON THE

RIG FLOOR THROUGH THIS INTERVAL AND NOTE ANY INDICATIONS OF ISSUES FROM MOVEMENT IN THE WEIGHT INDICATOR.

- d. MIT PERFORMED ON THE WELL IN 2023 TO 500 PSI
9. RU LINES, LOAD WELL AND ESTABLISH CIRCULATION TO SURFACE.
10. TOO H STANDING BACK TUBING AND LD SCRAPER AND BIT.
11. MIRU ELECTRIC LINE EQUIPMENT. PRESSURE TEST LUBRICATOR TO 500 PSI. MU AND GIH WITH 4-3/4" GA, GR, CCL, CBL TOOLSTRING TO 8,794'. POOH RECORDING WITH CASED HOLE TOOLS TO AT LEAST 4,100' OR TOC INSIDE OF 8-5/8".
 - a. NOTE THE FLUID LEVEL WHILE TIH AND RECORD ON THE MORNING REPORT.
 - b. NOTE: CASING LEAK FROM 4445-4510 REPAIRED IN SEPTEMBER 2003 AND TOC IS UNKNOWN FROM SQUEEZE JOB. NOTE TOP AND BOTTOM OF SQUEEZE CEMENT.
 - c. NOTE: TOC FROM PRIMARY CEMENT JOB ON 5-1/2" WAS RECORDED AT 6,810 WITH A TEMPARATURE LOG.
 - d. NOTE: REVIEW BOND LOG ACROSS PLANNED RC INTERVALS AND CHANGE PERFORATIONS/FRACS IF NECESSARY.
12. LD GA, GR, CCL AND CBL. MU WIRELINE SET CIBP AND BAKER 10 SETTING TOOL WITH PERFORATION GUNS, CCL AND GR. GIH AND SET CIBP ON ELECTRIC LINE AT 8,794'. MOVE AS NECESSRY TO AVOID PLACING IN A CASING COLLAR. TAKE CAUSION WHILE GIH NEAR FL NOTED FROM BOND LOG RUN TO AVOID PREMATURELY SETTING THE CIBP.
13. PUH AND PERFORATE THE FOLLOWING INTERVALS BASED OF THE SLB CNL RUN 11/26/1992.
 - a. 8,503'- 8,507'
 - b. 8,483'- 8,486'
 - c. 8,408'-8,411'
 - d. 8,388'-8,391'
 - e. 8,375'-8,378'
 - f. 8,328'-8,331'
 - g. 8,311'-8,314'
 - h. 8,292'-8,295'
 - i. 8,269'-8,272'
 - j. 8,255'-8,258'
14. POOH AND RD WIRELINE.

15. TALLY AND PU F.A.S.T TOOL ASSEMBLY:

- a. 6.5#, N80, 8RD EUE 2-7/8" NOTCHED COLLAR
- b. 2-7/8' 8RD EUE BOX X 2-7/8 8RD EUE PIN 5-1/2" MECHANICAL CASING COLLAR LOCATOR
- c. 2-7/8' 8RD EUE BOX X 2-7/8 8RD EUE PIN GUAGE CARIER WITH TANDEM GUAGES
- d. XO: 2-7/8" 8RD EUE PIN X 3-1/2" FL4S BOX
- e. 3-1/2" FL4S BOX X 3-1/2" FL4S PIN FAST PILL VALVE
- f. 3-1/2" FL4S BOX X 3-1/2" FL4S PIN F.A.S.T. TOOL
- g. XO: 2-7/8" BOX X 3-1/2" FL4S PIN (1')
- h. 2-7/8' 8RD EUE BOX X 2-7/8 8RD EUE PIN GUAGE CARIER WITH TANDEM GUAGES

16. PU 6 JOINT 2-7/8" 8RD EUE 6.5# WORKSTING

17. PU 2-7/8" X 5-1/2" TAC

18. TIH WITH F.A.S.T. TOOL ASSEMBLY ON 2-7/8" 8RD EUE 6.5# WORKSRTING HYDROTESTING AS TIH. TAG CIBP AT 8,794' (OR OTHER DEPTH AS NOTED). VERIFY TAG POINT WITH TALLY. PU TO NUETRAL WEIGHT AND MARK TAG JOINT.

19. RU LINES TO TUBING AND FLOW CROSS, LOAD WELL AND ESTABLISH CIRCULATION TO SURFACE.

20. REPEAT TAG AND MARK STEPS FROM ABOVE. AFTER FINAL TAG PUH 271' TO **PLACE THE CENTER OF THE F.A.S.T TOOL AT 8,504.5'**. MARK DEPTH ON TUBING AT TOP OF SLIPS.

21. SET TAC WITH 10K OVERPULL. SLACK OFF TO NUETRAL WEIGHT AND SPACE OUT TO HOOK UP FRAC LINES TO TUBING.

22. OPEN CASING VALVE TO RETURN LINES

23. WITH TOOL ON DEPTH, HOOK UP 2-7/8" 8RD EUE TIW, PUMP IN SUB, AND FRAC IRON.

24. CLOSE TIW AND PRESSURE TEST LINES TO 6,000 PSI. OPEN TIW VALVE.

25. PUMP AT 3 BPM TO SET LOWER FAST ELEMENT. INCREASE RATE TO 5 BPM TO SET UPPER FAST ELEMENT.

26. **FRAC STAGE ONE FROM 8,503'-8,506' AS PER PUMP SCHEDULE**

27. KNOCK LOOSE FRAC IRON. PU 20' TO **PLACE CENTER OF FAST TOOL AT 8,484.5'**.
28. WITH TOOL ON DEPTH, HOOK UP 2-7/8" 8RD EUE TIW, PUMP IN SUB, AND FRAC IRON.
29. CLOSE TIW AND PRESSURE TEST LINES TO 6,000 PSI.
30. PUMP AT 3 BPM TO SET LOWER FAST ELEMENT. INCREASE RATE TO 5 BPM TO SET UPPER FAST ELEMENT.
31. **FRAC STAGE TWO FROM 8,483'-8,486' AS PER PUMP SCHEDULE**
32. KNOCK LOOSE FRAC IRON. PU 75' TO **PLACE CENTER OF FAST TOOL AT 8,409.5'**.
33. WITH TOOL ON DEPTH, HOOK UP 2-7/8" 8RD EUE TIW, PUMP IN SUB, AND FRAC IRON.
34. CLOSE TIW AND PRESSURE TEST LINES TO 6,000 PSI.
35. PUMP AT 3 BPM TO SET LOWER FAST ELEMENT. INCREASE RATE TO 5 BPM TO SET UPPER FAST ELEMENT.
36. **FRAC STAGE THREE FROM 8,408'-8,411' AS PER PUMP SCHEDULE**
37. KNOCK LOOSE FRAC IRON. PU 20' TO **PLACE CENTER OF FAST TOOL AT 8,389.5'**.
38. WITH TOOL ON DEPTH, HOOK UP 2-7/8" 8RD EUE TIW, PUMP IN SUB, AND FRAC IRON.
39. CLOSE TIW AND PRESSURE TEST LINES TO 6,000 PSI.
40. PUMP AT 3 BPM TO SET LOWER FAST ELEMENT. INCREASE RATE TO 5 BPM TO SET UPPER FAST ELEMENT.
41. **FRAC STAGE FOUR FROM 8,388'-8,391' AS PER PUMP SCHEDULE**
42. KNOCK LOOSE FRAC IRON. PU 13' TO **PLACE CENTER OF FAST TOOL AT 8,376.5'**.
43. WITH TOOL ON DEPTH, HOOK UP 2-7/8" 8RD EUE TIW, PUMP IN SUB, AND FRAC IRON.
44. CLOSE TIW AND PRESSURE TEST LINES TO 6,000 PSI.

45. PUMP AT 3 BPM TO SET LOWER FAST ELEMENT. INCREASE RATE TO 5 BPM TO SET UPPER FAST ELEMENT.
46. **FRAC STAGE FIVE FROM 8,375'-8,388' AS PER PUMP SCHEDULE**
47. KNOCK LOOSE FRAC IRON. PU 47' TO **PLACE CENTER OF FAST TOOL AT 8,329.5'.**
48. WITH TOOL ON DEPTH, HOOK UP 2-7/8" 8RD EUE TIW, PUMP IN SUB, AND FRAC IRON.
49. CLOSE TIW AND PRESSURE TEST LINES TO 6,000 PSI.
50. PUMP AT 3 BPM TO SET LOWER FAST ELEMENT. INCREASE RATE TO 5 BPM TO SET UPPER FAST ELEMENT.
51. **FRAC STAGE SIX FROM 8,328'-8,331' AS PER PUMP SCHEDULE**
52. KNOCK LOOSE FRAC IRON. PU 17' TO **PLACE CENTER OF FAST TOOL AT 8,312.5'.**
53. WITH TOOL ON DEPTH, HOOK UP 2-7/8" 8RD EUE TIW, PUMP IN SUB, AND FRAC IRON.
54. CLOSE TIW AND PRESSURE TEST LINES TO 6,000 PSI.
55. PUMP AT 3 BPM TO SET LOWER FAST ELEMENT. INCREASE RATE TO 5 BPM TO SET UPPER FAST ELEMENT.
56. **FRAC STAGE SEVEN FROM 8,311'-8,314' AS PER PUMP SCHEDULE**
57. KNOCK LOOSE FRAC IRON. PU 19' TO **PLACE CENTER OF FAST TOOL AT 8,293.5'.**
58. WITH TOOL ON DEPTH, HOOK UP 2-7/8" 8RD EUE TIW, PUMP IN SUB, AND FRAC IRON.
59. CLOSE TIW AND PRESSURE TEST LINES TO 6,000 PSI.
60. PUMP AT 3 BPM TO SET LOWER FAST ELEMENT. INCREASE RATE TO 5 BPM TO SET UPPER FAST ELEMENT.
61. **FRAC STAGE EIGHT FROM 8,292'-8,295' AS PER PUMP SCHEDULE**

62. KNOCK LOOSE FRAC IRON. PU 23' TO **PLACE CENTER OF FAST TOOL AT 8,270.5'**.
63. WITH TOOL ON DEPTH, HOOK UP 2-7/8" 8RD EUE TIW, PUMP IN SUB, AND FRAC IRON.
64. CLOSE TIW AND PRESSURE TEST LINES TO 6,000 PSI.
65. PUMP AT 3 BPM TO SET LOWER FAST ELEMENT. INCREASE RATE TO 5 BPM TO SET UPPER FAST ELEMENT.
66. **FRAC STAGE NINE FROM 8,269'-8,272' AS PER PUMP SCHEDULE**
67. KNOCK LOOSE FRAC IRON. PU 14' TO **PLACE CENTER OF FAST TOOL AT 8,256.5'**.
68. WITH TOOL ON DEPTH, HOOK UP 2-7/8" 8RD EUE TIW, PUMP IN SUB, AND FRAC IRON.
69. CLOSE TIW AND PRESSURE TEST LINES TO 6,000 PSI.
70. PUMP AT 3 BPM TO SET LOWER FAST ELEMENT. INCREASE RATE TO 5 BPM TO SET UPPER FAST ELEMENT.
71. **FRAC STAGE TEN FROM 8,255'-8,258' AS PER PUMP SCHEDULE**
72. KNOCK LOOSE FRAC IRON. TOOH LAYING DOWN WORKSTRING.
73. LD FAST TOOL ASSEMBLY
74. RU WIRELINE. GIH AND SET FLOW THROUGH BRIDGE PLUG AT 8,562' TO PREVENT CROSS FLOW FROM NEW ZONES
75. RD WIRELINE.
76. PU PUMPING BHA: 20' 3-1/2" BULL PLUGGED SLOTTED MUD ANCHOR, 2-7/8" MSN, 12 JOINTS 2-7/8", 6.5# 8RD EUE PRODUCTION TUBING, AND 2-7/8" X 5-1/2" 17# TEC-TAC HIGH CLEARANCE TUBING ANCHOR. HYDRO TEST EACH CONNECTION TO 4,000 PSI WHILE PU.
77. TIH WITH PUMPING BHA AND PLACE THE OF THE BULL PLUG SLOTTED MUD ANCHOR AT +/-8,450'
78. RU ROD HANDLING TOOLS.
79. PU 2-1/2" X 1-1/2" RHBC X 30 – 5 INSERT PUMP

80. TIH WITH PUMP AS PER FORCOMING ROD STRING DESIGN.

81. STROKE TEST PUMP WITH RIG

82. MDRO WELL SERVICING EQUIPMENT

83. PLACE WELL ON PRODUCTION TO WELL TEST EQUIPMENT UNTIL
SAND CLEANS UP. PLACE WELL TO FACILITIES AS DIRECTED.

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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 314156

CONDITIONS

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID: 330220
	Action Number: 314156
	Action Type: [C-103] NOI Recompletion (C-103E)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	2/23/2024