

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

WELL API NO. 30-015-33822
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Harroun "15"
8. Well Number 17
9. OGRID Number 017891
10. Pool name or Wildcat Pierce Crossing Bone Spring E

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.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Pogo Producing Company

3. Address of Operator
P. O. Box 10340, Midland, TX 79702-7340

4. Well Location

Unit Letter M : 660 feet from the South line and 330 feet from the West line

Section 15 Township 24S Range 29E NMPM Eddy County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
2927

Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)

Pit Location: UL____Sect____Twp____Rng____ Pit type____ Depth to Groundwater____ Distance from nearest fresh water well____
Distance from nearest surface water____ Below-grade Tank Location UL____Sect____Twp____Rng____ ;
feet from the line and feet from the line

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 COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND 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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Pogo Producing Company respectfully request permission to change the TD of the above captioned well from 9500' to 10,800'. The 5-1/2" casing will be set at 10,800' and cemented w/ 1700 sks. Bottom-hole location of the above well will be altered to 660' FSL & 1650' FEL, Section 15, T24S, R29E, Eddy County, NM. All other aspects of the APD will remain the same.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Cathy Wright TITLE Sr Eng Tech DATE 2/15/05
Type or print name Cathy Wright E-mail address: wrightc@pogoproducing.com Telephone No. 432-685-8100

(This space for State use)

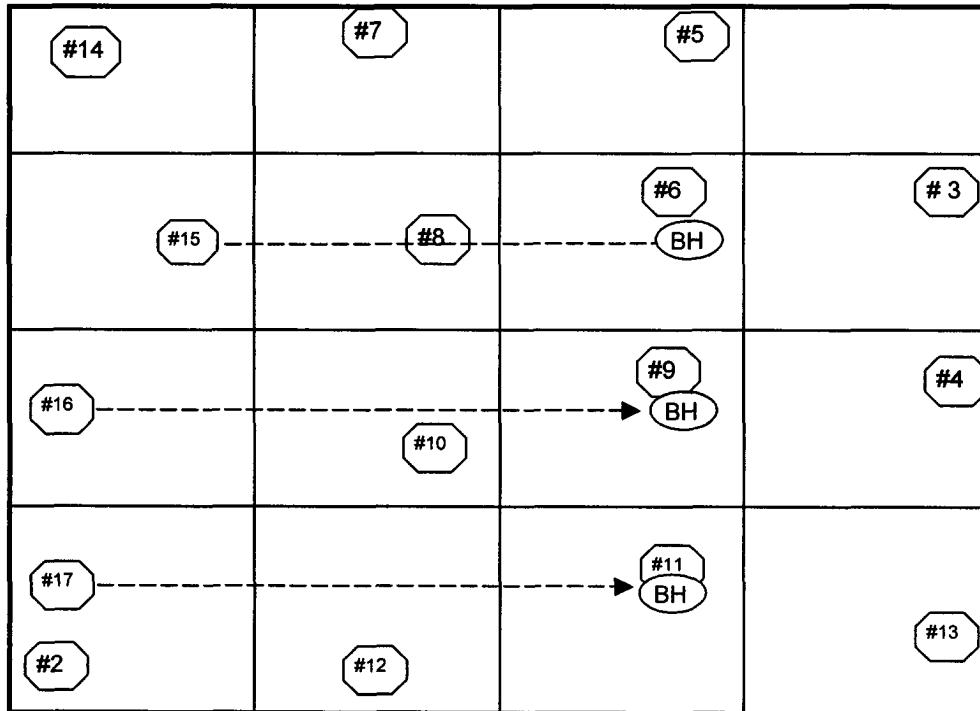
TIM W. GUM
DISTRICT II SUPERVISOR

FEB 18 2005

APPROVED BY _____ TITLE _____ DATE _____
Conditions of approval, if any: _____

Harroun well groupings

Sec 15, T-24-S, R-29-E, Eddy County, New Mexico



Well Name	Legal Location in 15	Depth and Strata	Current Prod Zone
Harroun 15 # 15 =	1980 FNL & 990 FWL	PTVD = 7730' 1ST Bone Sand	Bone production
Harroun 15 # 6 =	1650 FNL & 1650 FEL	TD = 6890 Upper Bone Sand	Del production
Harroun 15 # 8 =	1980 FNL & 2310 FWL	TD = 6885 Upper Bone Sand	Del production
Harroun 15 # 3 =	1657 FNL & 330 FEL	TD = 8056 1st Bone Sand	Del production
Harroun 15 # 14 =	660 FNL & 750 FWL	TD = 8000 1st Bone Sand	Bone production
Harroun 15 # 5 =	330 FNL & 1650 FEL	TD = 8050 1st Bone Sand	Del production
Harroun 15 # 7 =	330 FNL & 1980 FWL	TD = 6900 Upper Bone Sand	Del production
Harroun 15 # 10 =	1700 FSL & 2310 FWL	TD = 6879 Upper Bone Sand	Del production
Harroun 15 # 9 =	2260 FSL & 1650 FEL	TD = 6890 Upper Bone Sand	Del production
Harroun 15 # 13 =	660 FSL & 360 FEL	TD = 8020 1st Bone Sand	Del/Bone production
Harroun 15 # 4 =	2260 FSL & 330 FEL	TD = 8022 1st Bone Sand	Del/Bone production
Harroun 15 # 11 =	860 FSL & 1900 FEL	TD = 6390 Upper Bone Sand	Del production
Harroun 15 # 12	330 FSL & 1980 FWL	TD = 5700 Delaware	Del production
Harroun 15 # 2 =	330 FSL & 330 FWL	TD = 5480 Delaware	Del production
Harroun 15 # 16 =	1980 FSL & 330 FWL	PTVD = 7730' 1ST Bone Sand	Anticipated Bone
Harroun 15 # 17 =	660 FSL & 330 FWL	TD 7730' 1st Bone Sand	Anticipated Bone

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LONG'S METHOD OF SURVEY COMPUTATION**OBLIQUE CIRCULAR ARC INTERPOLATION**

0	MD OF INTERPOLATION DEPTH.(feet)
#N/A	TVD COORDINATE OF THE DEPTH (feet)
#N/A	N/S COORDINATE OF DEPTH (feet)
#N/A	E/W COORDINATE OF DEPTH (feet)

3 D DISTANCE BETWEEN STATION A AND STATION B

DISTANCE TABLE

STATION A	STATION B
0.00	ft

TABLE OF SURVEY STATIONS

Calculator =

STA #	ΔMD ft	INCL deg	AZIM deg	MD ft	TVD ft	N+/S- ft	E+/W- ft	DLS deg/100FT
1	TIE POINT =>	0	0	7253.00	7253.00	0.00	0.00	-
2	100	12	90	7353.00	7352.27	0.00	10.43	12.00
3	100	24	90	7453.00	7447.20	0.00	41.28	12.00
4	100	36	90	7553.00	7533.65	0.00	91.19	12.00
5	100	48	90	7653.00	7607.83	0.00	157.98	12.00
6	100	60	90	7753.00	7666.50	0.00	238.73	12.00
7	100	72	90	7853.00	7707.10	0.00	329.92	12.00
8	100	84	90	7953.00	7727.85	0.00	427.56	12.00
9	50	90	90	8003.00	7730.46	0.00	477.46	12.00
10	100	90	90	8103.00	7730.46	0.00	577.46	0.00
11	100	90	90	8203.00	7730.46	0.00	677.46	0.00
12	100	90	90	8303.00	7730.46	0.00	777.46	0.00
13	100	90	90	8403.00	7730.46	0.00	877.46	0.00
14	100	90	90	8503.00	7730.46	0.00	977.46	0.00
15	100	90	90	8603.00	7730.46	0.00	1077.46	0.00
16	100	90	90	8703.00	7730.46	0.00	1177.46	0.00
17	100	90	90	8803.00	7730.46	0.00	1277.46	0.00
18	100	90	90	8903.00	7730.46	0.00	1377.46	0.00
19	100	90	90	9003.00	7730.46	0.00	1477.46	0.00
20	100	90	90	9103.00	7730.46	0.00	1577.46	0.00
21	100	90	90	9203.00	7730.46	0.00	1677.46	0.00
22	100	90	90	9303.00	7730.46	0.00	1777.46	0.00
23	100	90	90	9403.00	7730.46	0.00	1877.46	0.00
24	100	90	90	9503.00	7730.46	0.00	1977.46	0.00
25	100	90	90	9603.00	7730.46	0.00	2077.46	0.00
26	100	90	90	9703.00	7730.46	0.00	2177.46	0.00
27	100	90	90	9803.00	7730.46	0.00	2277.46	0.00
28	100	90	90	9903.00	7730.46	0.00	2377.46	0.00
29	100	90	90	10003.00	7730.46	0.00	2477.46	0.00
30	100	90	90	10103.00	7730.46	0.00	2577.46	0.00
31	100	90	90	10203.00	7730.46	0.00	2677.46	0.00
32	100	90	90	10303.00	7730.46	0.00	2777.46	0.00
33	100	90	90	10403.00	7730.46	0.00	2877.46	0.00
34	100	90	90	10503.00	7730.46	0.00	2977.46	0.00
35	100	90	90	10603.00	7730.46	0.00	3077.46	0.00
36	100	90	90	10703.00	7730.46	0.00	3177.46	0.00
37	100	90	90	10803.00	7730.46	0.00	3277.46	0.00