

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
March 4, 2004

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

WELL API NO. 30-015-33821
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Harroun "22"
8. Well Number 3
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.)

RECEIVED

FEB 16 2005

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 <u>A</u> : <u>660</u> feet from the <u>North</u> line and <u>330</u> feet from the <u>East</u> line Section <u>22</u> Township <u>24S</u> Range <u>29E</u> NMPM <u>Eddy</u> County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
2941

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:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐	REMEDIAL WORK ☐ ALTERING CASING ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☒	COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐	CASING TEST AND CEMENT JOB ☐
OTHER: ☐	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' FNL & 1650' FWL, Section 22, 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 NMOCD 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)

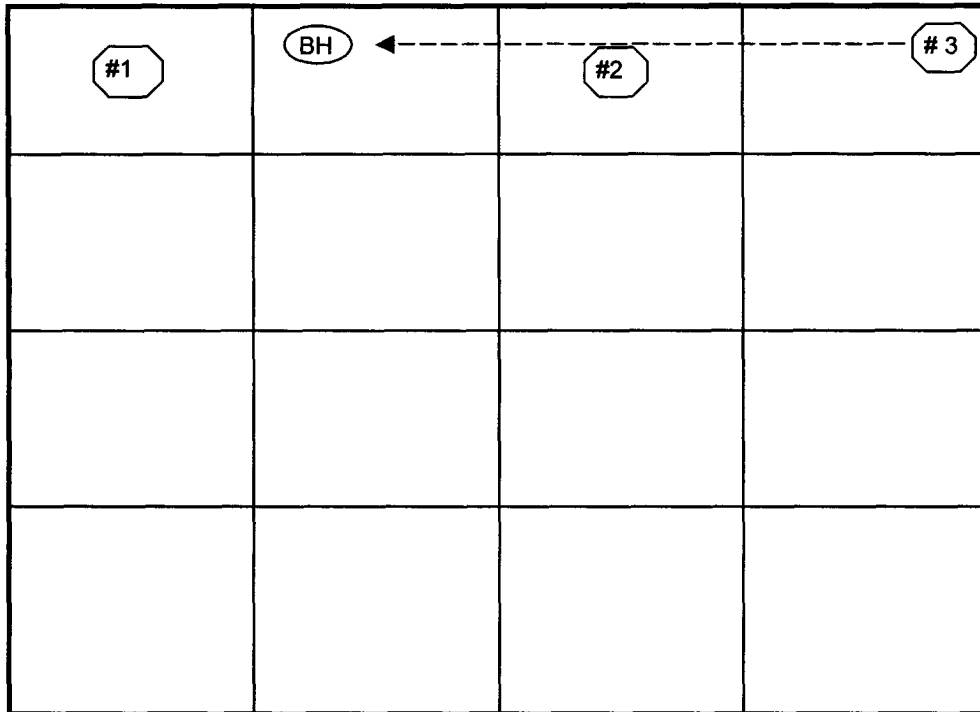
TIM W. GUM

FEB 18 2005

APPROVED BY DISTRICT II SUPERVISOR TITLE DATE
Conditions of approval, if any:

Harroun well groupings

Sec 22, T-24-S, R-29-E, Eddy County, New Mexico



Well Name	Legal Location in 15	Depth and Strata	Current Prod Zone
Harroun 22 # 1 =	660 FNL & 660 FWL	TD = 5360 Delaware	Delaware Production
Harroun 22 # 2 =	330 FNL & 1980 FEL	TD =5500 Delaware	Delaware Production
Harroun 22 # 3 =	660 FNL & 330 FEL	TD 7730' TVD 1st Bone Sand	Anticipated 1st 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	180	7353.00	7352.27	-10.43	0.00	12.00
3	100	24	180	7453.00	7447.20	-41.28	0.00	12.00
4	100	36	180	7553.00	7533.65	-91.19	0.00	12.00
5	100	48	180	7653.00	7607.83	-157.98	0.00	12.00
6	100	60	180	7753.00	7666.50	-238.73	0.00	12.00
7	100	72	180	7853.00	7707.10	-329.92	0.00	12.00
8	100	84	180	7953.00	7727.85	-427.56	0.00	12.00
9	50	90	180	8003.00	7730.46	-477.46	0.00	12.00
10	100	90	180	8103.00	7730.46	-577.46	0.00	0.00
11	100	90	180	8203.00	7730.46	-677.46	0.00	0.00
12	100	90	180	8303.00	7730.46	-777.46	0.00	0.00
13	100	90	180	8403.00	7730.46	-877.46	0.00	0.00
14	100	90	180	8503.00	7730.46	-977.46	0.00	0.00
15	100	90	180	8603.00	7730.46	-1077.46	0.00	0.00
16	100	90	180	8703.00	7730.46	-1177.46	0.00	0.00
17	100	90	180	8803.00	7730.46	-1277.46	0.00	0.00
18	100	90	180	8903.00	7730.46	-1377.46	0.00	0.00
19	100	90	180	9003.00	7730.46	-1477.46	0.00	0.00
20	100	90	180	9103.00	7730.46	-1577.46	0.00	0.00
21	100	90	180	9203.00	7730.46	-1677.46	0.00	0.00
22	100	90	180	9303.00	7730.46	-1777.46	0.00	0.00
23	100	90	180	9403.00	7730.46	-1877.46	0.00	0.00
24	100	90	180	9503.00	7730.46	-1977.46	0.00	0.00
25	100	90	180	9603.00	7730.46	-2077.46	0.00	0.00
26	100	90	180	9703.00	7730.46	-2177.46	0.00	0.00
27	100	90	180	9803.00	7730.46	-2277.46	0.00	0.00
28	100	90	180	9903.00	7730.46	-2377.46	0.00	0.00
29	100	90	180	10003.00	7730.46	-2477.46	0.00	0.00
30	100	90	180	10103.00	7730.46	-2577.46	0.00	0.00
31	100	90	180	10203.00	7730.46	-2677.46	0.00	0.00
32	100	90	180	10303.00	7730.46	-2777.46	0.00	0.00
33	100	90	180	10403.00	7730.46	-2877.46	0.00	0.00
34	100	90	180	10503.00	7730.46	-2977.46	0.00	0.00
35	100	90	180	10603.00	7730.46	-3077.46	0.00	0.00
36	100	90	180	10703.00	7730.46	-3177.46	0.00	0.00
37	100	90	180	10803.00	7730.46	-3277.46	0.00	0.00