

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. 30-015-33820
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name H. Buck State
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.)

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

RECEIVED

FEB 16 2005

OGD-ARTESIA

4. Well Location
Unit Letter A : 660 feet from the North line and 330 feet from the East 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:	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 10,700'. The 5-1/2" casing will be set at 10,700' and cemented w/ 1700 sks. Bottom-hole location of the above well will be altered to 660' FNL & 1650' FWL, Section 16, 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 ☐.

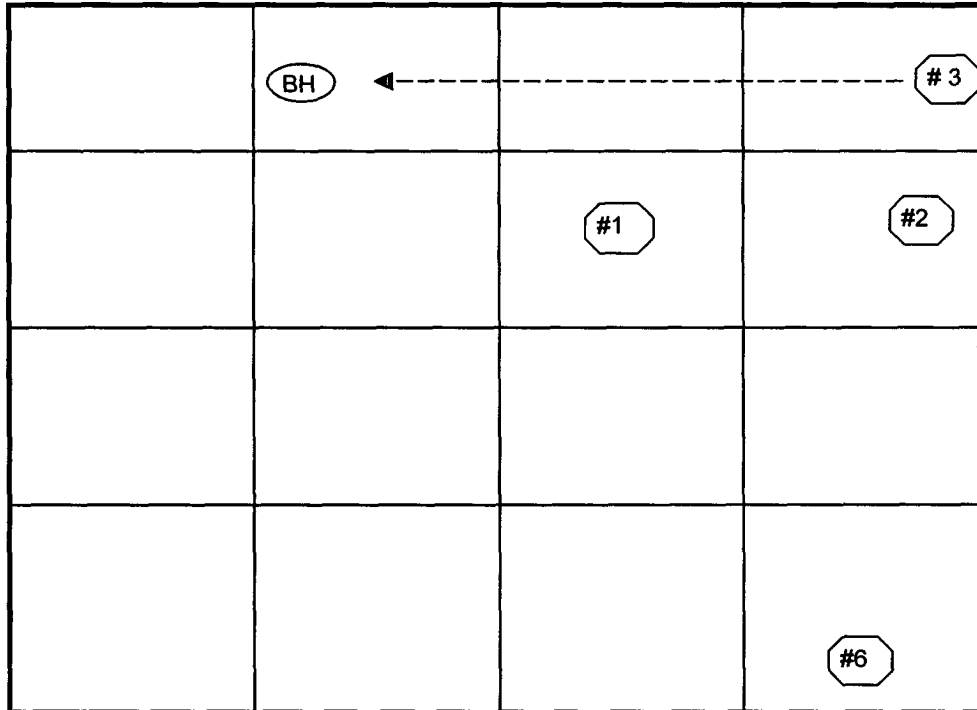
SIGNATURE Cathy Wright TITLE Sr Eng Tech DATE 2/15/05
Type or print name Cathy Wright E-mail address: wrightc@pogoproducing.com Telephone No. 432-685-8100

(This space for State use)

APPROVED BY TIM W. GUM TITLE DISTRICT II SUPERVISOR DATE FEB 18 2005
Conditions of approval, if any:

H. Buck State Well Goupings

Sec 16, T-24-S, R-29-E, Eddy County, New Mexico



Well Name	Legal Location in 15	Depth and Strata	Current Prod Zone
H. Buck State # 1 =	1982 FSL & 1961 FEL	TD =7850 1st Bone Sand	Delaware Production
H. Buck State # 2 =	330 FNL & 1980 FEL	TD =7950 1st Bone Sand	Delaware Production
H. Buck State # 6 =	330 FSL & 660 FEL	TD 7815' 1st Bone Sand	Delaware Production
H. Buck State # 3 =	660 FNL & 330 FEL	TVD 7608 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

Calculator =

TABLE OF SURVEY STATIONS

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	7132.00	7132.00	0.00	0.00	-
2	100	12	180	7232.00	7231.27	-10.43	0.00	12.00
3	100	24	180	7332.00	7326.20	-41.28	0.00	12.00
4	100	36	180	7432.00	7412.65	-91.19	0.00	12.00
5	100	48	180	7532.00	7486.83	-157.98	0.00	12.00
6	100	60	180	7632.00	7545.50	-238.73	0.00	12.00
7	100	72	180	7732.00	7586.10	-329.92	0.00	12.00
8	100	84	180	7832.00	7606.85	-427.56	0.00	12.00
9	50	90	180	7882.00	7609.46	-477.46	0.00	12.00
10	100	90	180	7982.00	7609.46	-577.46	0.00	0.00
11	100	90	180	8082.00	7609.46	-677.46	0.00	0.00
12	100	90	180	8182.00	7609.46	-777.46	0.00	0.00
13	100	90	180	8282.00	7609.46	-877.46	0.00	0.00
14	100	90	180	8382.00	7609.46	-977.46	0.00	0.00
15	100	90	180	8482.00	7609.46	-1077.46	0.00	0.00
16	100	90	180	8582.00	7609.46	-1177.46	0.00	0.00
17	100	90	180	8682.00	7609.46	-1277.46	0.00	0.00
18	100	90	180	8782.00	7609.46	-1377.46	0.00	0.00
19	100	90	180	8882.00	7609.46	-1477.46	0.00	0.00
20	100	90	180	8982.00	7609.46	-1577.46	0.00	0.00
21	100	90	180	9082.00	7609.46	-1677.46	0.00	0.00
22	100	90	180	9182.00	7609.46	-1777.46	0.00	0.00
23	100	90	180	9282.00	7609.46	-1877.46	0.00	0.00
24	100	90	180	9382.00	7609.46	-1977.46	0.00	0.00
25	100	90	180	9482.00	7609.46	-2077.46	0.00	0.00
26	100	90	180	9582.00	7609.46	-2177.46	0.00	0.00
27	100	90	180	9682.00	7609.46	-2277.46	0.00	0.00
28	100	90	180	9782.00	7609.46	-2377.46	0.00	0.00
29	100	90	180	9882.00	7609.46	-2477.46	0.00	0.00
30	100	90	180	9982.00	7609.46	-2577.46	0.00	0.00
31	100	90	180	10082.00	7609.46	-2677.46	0.00	0.00
32	100	90	180	10182.00	7609.46	-2777.46	0.00	0.00
33	100	90	180	10282.00	7609.46	-2877.46	0.00	0.00
34	100	90	180	10382.00	7609.46	-2977.46	0.00	0.00
35	100	90	180	10482.00	7609.46	-3077.46	0.00	0.00
36	100	90	180	10582.00	7609.46	-3177.46	0.00	0.00
37	100	90	180	10682.00	7609.46	-3277.46	0.00	0.00