

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. 1st Street, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Oil & Gas
Form C-100
Revised March 17, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUG BACK, OR ADD A ZONE

¹ Operator Name and Address BELLWETHER EXPLORATION COMPANY 1331 LAMAR, SUITE 1455, HOUSTON, TX 77010-3039		² OGRID Number 148381
⁴ Property Code 25477	⁵ Property Name STETSON 2 STATE COM	³ API Number 30-015-31012
		⁶ Well No. 1

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	2	19S	29E		990'	S	990'	W	EDDY

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County

⁹ Proposed Pool 1

TURKEY TRACK; MORROW

¹⁰ Proposed Pool 2

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3368
¹⁶ Multiple NO	¹⁷ Proposed Depth 12,000'	¹⁸ Formation MORROW	¹⁹ Contractor To be determined	²⁰ Spud Date Pending Rig Available

Minimum WOC time / 8 hrs

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14-3/4"	11-3/4"	42.0	350'	246	Surface
11"	8-5/8"	24.0	3000'	700	Surface
7-7/8"	5-1/2"	17.0	12000'	To be determine	500' above highest

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.
Describe the blowout prevention program, if any. Use additional sheets if necessary.

Please see attached Procedure with Typical BOP Schematic

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: NANCY K. GATTI

Title: REGULATORY COORDINATOR

Date:

03/06/00

Phone:

713-753-1492

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date: 3-15-00

Expiration Date: 3-15-01

Conditions of Approval:

Attached ☐

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State of New Mexico
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name Turkey Track Morrow
⁴ Property Code	⁴ Property Name Stetson 2 State Com #	⁶ Well Number 1
⁷ OGRID No. 148381	⁸ Operator Name Bellwether Exploration Company	⁹ Elevation 3368'

¹⁰ Surface Location

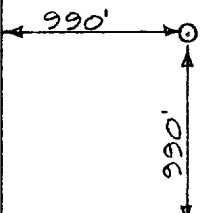
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	2	19S	29E		990'	SOUTH	990'	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 320.05	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	B-7717-9	STATE HL 2 1Y			17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature: <i>Sam L. Shackelford</i> Printed Name: Sam L. Shackelford Title: Agent Date: 3-15-00
	B-9739-22				
					18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: 3-15-00 Signature and Seal of Registered Surveyor: <i>Regina M. Robbins</i> Certificate Number: 12123

LEASE INFORMATION
Stetson 2 STATE COM #1
T19S-R29E, Section 2
320.05 Acres Dedicated
Stand-up W/2

State of New Mexico Lease No. B-9739-22 – 40 acres (12.5% RI)
SW/4 NW/4

Bellwether Exploration Company	50.0000%
Pure Energy Group, Inc.	50.0000%
Total	100.0000%

State of New Mexico Lease No. B-7717-9 – 280.05 acres (12.5% RI)
Lots 3 & 4 (aka N/2 NW/4), SE/4 NW/4 and all SW/4

Bellwether Exploration Company	50.0000%
Pure Energy Group, Inc.	50.0000%
Total	100.0000%

320 Acre – Leasehold Ownership
W/2

Bellwether Exploration Company	50.0000%
Pure Energy Group, Inc.	50.0000%
Total	100.0000%

Bellwether Exploration, Inc.
Stetson 2 State Com #1
Drilling & Completion Procedure

1. Survey and stake location
2. Prepare location, access roads, reserve pits, etc. Establish water source, drill rat hole/mouse hole/conductor as required.
3. Mobilize rig and erect same.
4. Mix spud mud.
5. Spud in and drill 14-3/4" hole to 350-400'
6. Run 11-3/4" conductor and cement same.
7. Drill out with 11" bit to approximately 3,000'. Have mud loggers rigged up by 1400'.
8. Condition hole and run 8-5/8" casing.
9. Cement same with +/- 700 sx Class C.
10. Nipple up 11" bradenhead, 11" BOP stack, and test same.
11. Drill out and test casing shoe to 11.5 ppg. Drill ahead to TD of +/- 12,000'. Be prepared for possible open hole DST intervals in Glorietta, Wolfcamp, Strawn/Attoka, and Morrow formations.
12. Condition hole and log with Platform Express, possible NMR over the bottom 3000'.
13. If commercially productive, condition hole for casing.
14. LDDP.
15. RU casing crews and run 5-1/2" 17.0 ppf N-80 casing.
16. Cement same based on caliper log and log derived integrated hole volume. Cement slurry should be designed to be at least 500' above the top pay zone. Displace cement with 3% KCl water.
17. ND BOP's/ NU tubing head and test same. Install dry hole tree and release drilling rig.
18. Mobilize logging truck and run GR-CBL-CCL-VDL. Evaluate logs for isolation.
19. Based on open hole and cased hole log evaluations, a completion will be designed. The completion will probably require a completion rig and will include fracture stimulation.

**Bellwether Exploration, Inc.
Stetson 2 State Com #1
Drilling & Completion Procedure**

**TYPICAL
CONTRACTOR
BOP SCHEMATIC**

B.O.P. STACK