

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, 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-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office
RECEIVED
MAR 14 2006
☐ AMENDED REPORT

OCD-ARTESIA

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

¹ Operator Name and Address Samson Resources Company 200 N. Lorraine Street, Ste 1010 Midland, TX 79701		² OGRID Number 20165	
		³ API Number 30-015-33562	
⁴ Property Code	⁵ Property Name Pine Springs 2 State		⁶ Well No. 1
⁹ Proposed Pool 1 Wildcat (Atoka)		¹⁰ Proposed Pool 2 Wildcat	

⁷ Surface Location									
UL or lot no. E	Section 2	Township 26S	Range 25E	Lot Idn	Feet from the 1980	North/South line North	Feet from the 810	East/West line West	County 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

¹¹ Work Type Code P					¹² Well Type Code G		¹³ Cable/Rotary		¹⁴ Lease Type Code S		¹⁵ Ground Level Elevation 3584	
¹⁶ Multiple No		¹⁷ Proposed Depth 11345			¹⁸ Formation Atoka			¹⁹ Contractor		²⁰ Spud Date 10/30/04		
Depth to Groundwater				Distance from nearest fresh water well				Distance from nearest surface water				
Pit: Liner: Synthetic <input type="checkbox"/> _____mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>												

²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC

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.

ND tree, NU BOP
POH w/2 3/8" tubing
Set CIBP @ 11380'. Load and test csg to 1000#. Cap with 35' cmt.
Perforate Atoka (10814-10818', 10884-10891').
Acidize w/2000 gal
Test
Frac Atoka (10814-10891') w/approx. 60,000 gal and 50,000#
Test

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Printed name: Ken Krawietz		Approved by: <i>Ken W. Green</i>	
Title: District Engineer		Title: <i>District II Supervisor</i>	
E-mail Address: kkrawietz@samson.com		Approval Date: FEB 15 2006	
Date: 3/13/2006		Expiration Date: FEB 15 2007	
Phone: (432) 683-7063		Conditions of Approval Attached <input type="checkbox"/>	

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I

1600 N. FRENCH DR., BOBOD, NM 86840

DISTRICT II

1301 W. GRAND AVENUE, ALBUQUERQUE, NM 87102

DISTRICT III

1000 Elie Frances Rd., Aztec, NM 87410

DISTRICT IV

1200 S. ST. FRANCIS DR., SANTA FE, NM 87505

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised JUNE 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 96049	Pool Name Wildcat Atoka
Property Code	Property Name PINE SPRINGS "2" STATE	Well Number 1
OCRID No.	Operator Name ECHO PRODUCTION, INC.	Elevation 3584'

Surface Location

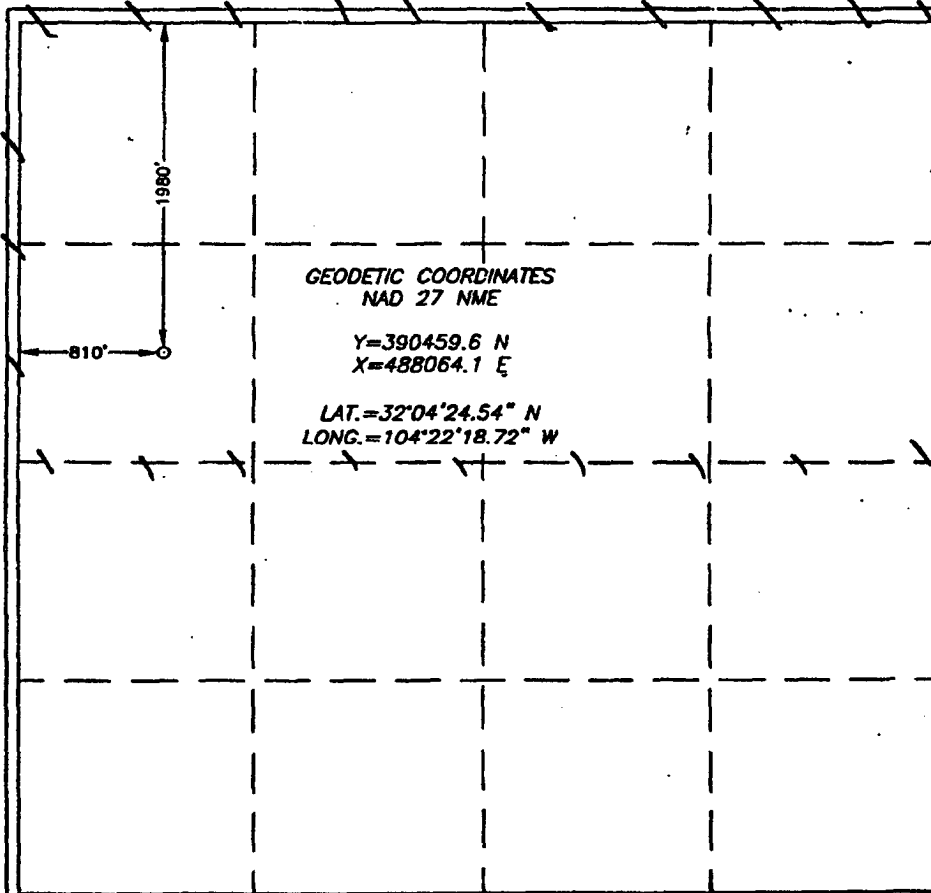
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	2	26-S	25-E		1980'	NORTH	810'	WEST	EDDY

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

Dedicated Acres 320.0/2 Sec 2	Joint or Infill	Consolidation Code	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



OPERATOR CERTIFICATION

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

Tom Golden
Signature

Tom Golden
Printed Name

Operations Manager
Title

8/10/04
Date

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.

JUNE 25, 2004

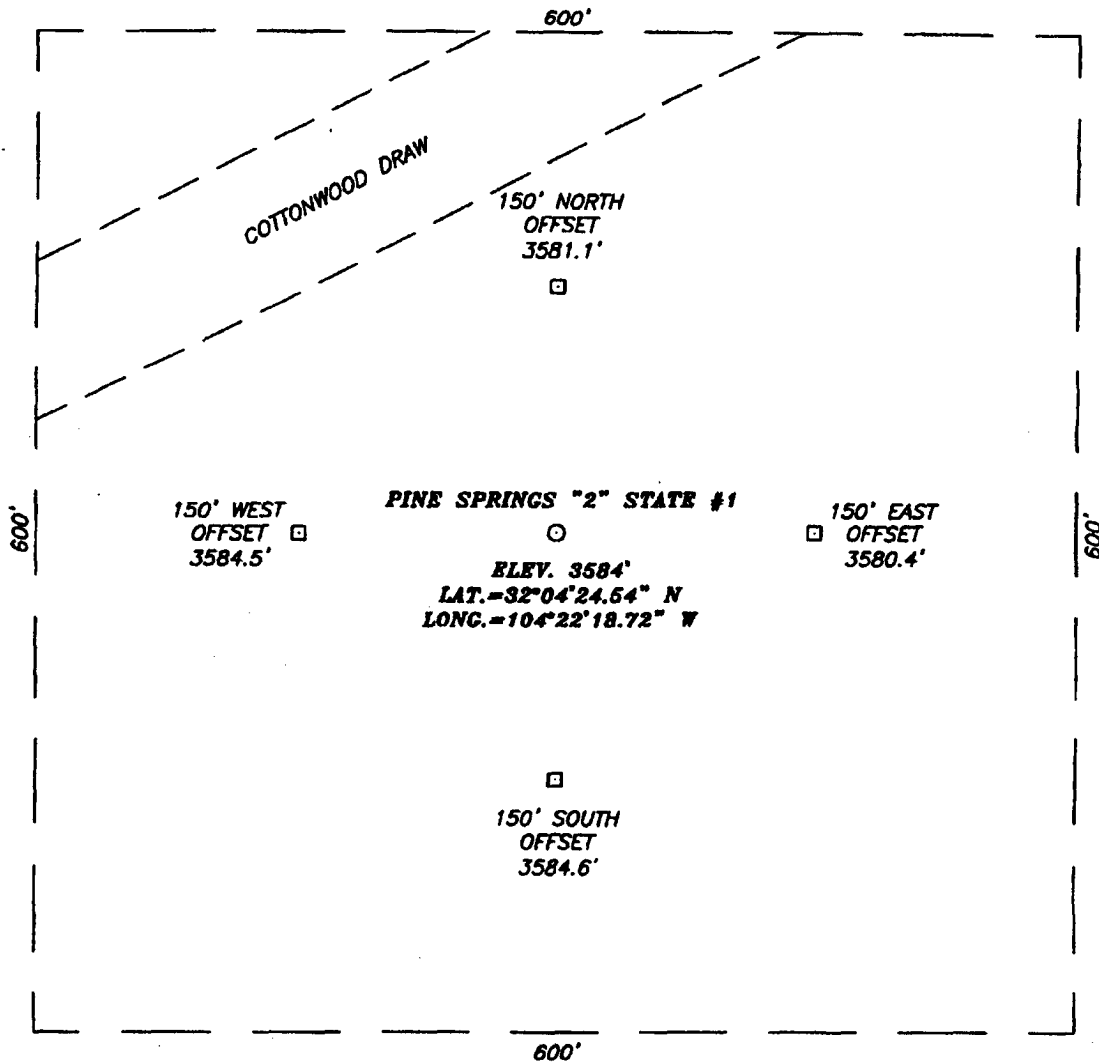
Date Surveyed LA

Tom Golden
Signature of Professional Surveyor

Tom Golden
Professional Surveyor
04.14.0798

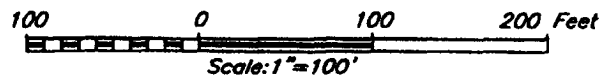
Certificate No. CERT 12841

SECTION 2, TOWNSHIP 26 SOUTH, RANGE 25 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO



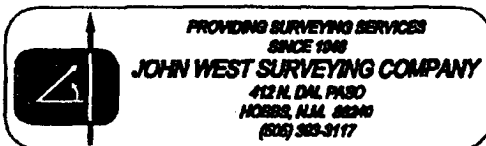
DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF U.S. HWY. #62-180 AND CO. RD. #424 (DILLAHUNTY) GO SOUTHEAST ON CO. RD. #424 FOR 4.3 MILES TO A CATTLE GUARD AND TWO TRACK ROAD ON THE LEFT. TURN LEFT AND FOLLOW TWO TRACT ROAD NORTHERLY FOR 0.8 MILES. THIS PROPOSED LOCATION IS 175' EAST.



ECHO PRODUCTION, INC.

PINE SPRINGS "2" STATE #1 WELL
 LOCATED 1980 FEET FROM THE NORTH LINE
 AND 810 FEET FROM THE WEST LINE OF SECTION 2,
 TOWNSHIP 26 SOUTH, RANGE 25 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO.



Survey Date: 6/25/04	Sheet 1 of 1 Sheets
W.O. Number: 04.11.0798	Dr By: LA
Date: 6/29/04	Disk: CD#3
04110798	Scale: 1"=100'