

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
Revised June 10, 2003

Oil Conservation Division
1220 South St. Francis Dr.
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, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Samson Resources Samson Plaza, Two West Second St. Tulsa, OK 74103		² OGRID Number 20165
³ Property Code 19066		³ API Number 30-025-36393
⁵ Property Name Phillips State		⁶ Well No. 2

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
L	17	21-S	35-E		1980'	South	1310'	West	Lea

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 Osudo Morrow	¹⁰ Proposed Pool 2
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¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3668' GL
¹⁶ Multiple N	¹⁷ Proposed Depth 12,600'	¹⁸ Formation Morrow	¹⁹ Contractor Nabors Drilling	²⁰ Spud Date ASAP

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	54.5#	0' - 1,450'	1007 cf to surface	Surface
12 1/4"	9 5/8"	40.0#	0' - 5,550'	1810 cf to surface	Surface
8 3/4"	7"	26.0#	0' - 10,800'	821 cf	TOC 5,350'
6 1/4"	4 1/2"	11.6#	0' - 12,600'	216 cf	TOC 10,600'
* Altern. 7 7/8"	5 1/2"	20.0#	0' - 12,600'	1000 cf	TOC 5,350'

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.

Propose to drill to 12,600' to test the Morrow. *Alternative: Will drill 8 3/4" to approx. 10,800' and will test for formation integrity for FIT 12# ppg. If formation is all right, will change to 7 7/8" bit and continue on w/o setting 7" casing, then will run 5 1/2" from surface to T.D.

Minimum Specifications for Pressure Control Equipment:

A 13 5/8" 10,000 psi WP Shaffer, LWS Double Gate BOP will be installed on the 13 3/8" casing and tested as a 5,000 psi system..

H₂S: None expected. None in previously drilled wells in area.

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

Signature: *George R. Smith*

Printed name: George R. Smith

Title: agent for Samson Resources

E-mail Address: grsmith1@prodigy.net

Date: August 26, 2003

Phone: (505) 623-4940

OIL CONSERVATION DIVISION

Approved by: *Paul J. King*

Title:

Approval Date: SEP 09 2003

Expiration Date:

Conditions of Approval:

Attached ☐

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

DISTRICT I
P.O. Box 1880, Hobbs, NM 88241-1880

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0710

DISTRICT III
1000 Rio Brazos Ed., Artec, NM 87410

DISTRICT IV
P.O. Box 2088, Santa Fe, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-36393	Pool Code 82120	Pool Name Qsude Horrow
Property Code 19066	Property Name PHILLIPS STATE	Well Number 2
OGRID No. 20165	Operator Name SAMSON RESOURCES	Elevation 3668'

Surface Location

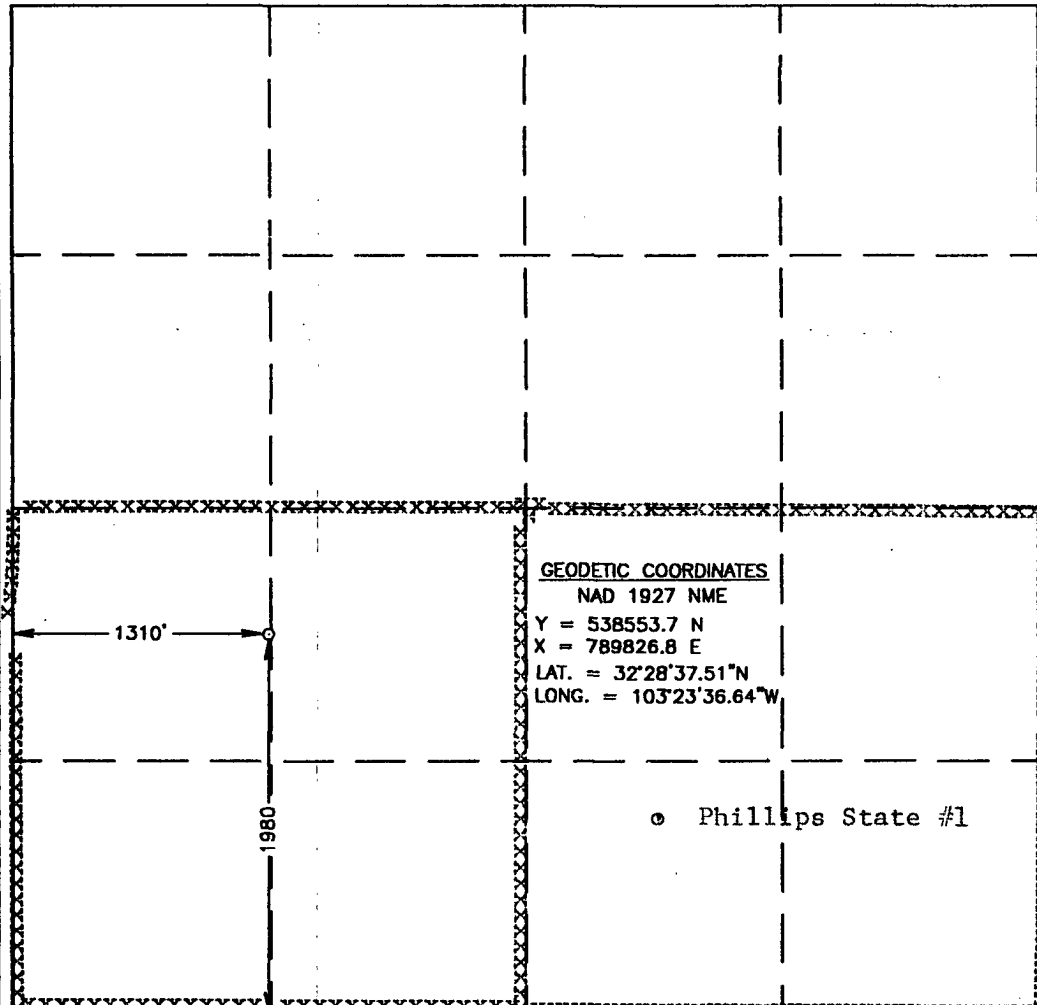
UL or lot No. L	Section 17	Township 21-S	Range 35-E	Lot Idn	Feet from the 1980'	North/South line SOUTH	Feet from the 1310'	East/West line WEST	County LEA
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Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Dedicated Acres 320	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

 <p>GEODETTIC COORDINATES NAD 1927 NME Y = 538553.7 N X = 789826.8 E LAT. = 32°28'37.51"N LONG. = 103°23'36.64"W</p> <p>Phillips State #1</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>George R. Smith</i> Signature</p> <p>George R. Smith Printed Name</p> <p>Agent</p> <p>Title</p> <p>August 25, 2003 Date</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>August 07, 2003</p> <p>Date Surveyed Signature & Seal of Professional Surveyor <i>Ronald J. Eidson</i> 003.11.0826</p> <p>Certificate No. RONALD J. EIDSON 3239 CARY EIDSON 12841</p>
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