

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

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

1. Operator Name and Address SAMSON RESOURCES CO 2 W 2ND ST TULSA , OK 74103		2. OGRID Number 20165
		3. API Number 30-025-37842
4. Property Code	5. Property Name AIRSTRIP 6 STATE	6. Well No. 001

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	6	19S	35E	7	660	S	660	W	LEA

8. Pool Information

wildcat wolfcamp SCHARB,BONE SPRING	0 55610
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3923
14. Multiple Y	15. Proposed Depth 11450	16. Formation Wolfcamp	17. Contractor	18. Spud Date 5/15/2006
Depth to Ground water 75		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 _____mils thick Clay <input type="checkbox"/> Pit Volume: 20000 _____bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	400	500	
Int1	12.25	9.625	40	3900	1250	
Prod	8.75	5.5	17	11450	600	

Casing/Cement Program: Additional Comments

Mud Program: 0-700' Freshwater; 700'-3900' Brine; 3900'-11,450 Cut Brine
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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	5000	Shaffer

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 checked="" type="checkbox"/> a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> . Printed Name: Electronically filed by Brad Hargrove Title: Manager Email Address: bhargrove@samson.com Date: 4/26/2006 Phone: 918-591-1939	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 4/26/2006	Expiration Date: 4/26/2007
	Conditions of Approval Attached	

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 86240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

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

Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
Property Code	Property Name AIRSTRIP 6 STATE	Well Number 1
OGRID No.	Operator Name SAMSON RESOURCES	Elevation 3923'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
7	6	19-S	35-E		660	SOUTH	660	WEST	LEA

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	Joint or Infill	Consolidation Code	Order No.						

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

LOT 4	LOT 3	LOT 2	LOT 1
38.62 AC	39.85 AC	39.75 AC	39.65 AC
LOT 5			
38.78 AC			
LOT 6			
38.90 AC			
LOT 7			
39.02 AC			
GEODETTIC COORDINATES NAD 27 NME Y=613502.0 N X=755602.9 E LAT.=32°41'01.91" N LONG.=103°30'09.29" W			
660' 09.29'			

OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature Date
Printed Name

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.

APRIL 19, 2006

Date Surveyed MR
Signature & Seal of Professional Surveyor
Certificate No. GARY EDMON 12641

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1625 N. FRENCH DR., HOBBS, NM 86240

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<p>660' → ○ ↓ 660' 39.02 AC</p>			
<p>OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <u>Bruce P. Hagman</u> Date: <u>4/24/06</u> Printed Name: <u>Bruce P. Hagman</u></p>			
<p>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. APRIL 19, 2006 Date Surveyed: <u>4/19/06</u> MR Signature & Seal of Professional Surveyor: <u>Gary A. Edmon</u> 06.11.0674 Certificate No. GARY EDMON 12641</p>			

Permit Conditions of Approval

Operator: SAMSON RESOURCES CO , 20165

Well: AIRSTRIP 6 STATE #001

API: 30-025-37842

OCD Reviewer	Condition
pkautz	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
pkautz	prior to any pit construction notify Gary Wink at 505-393-6161 ext 114