

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

State of New Mexico
Energy, Minerals and Natural Resources

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

RCVD FEB27'07
OIL CONS. DIV.

DIST. 3

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

1. Operator Name and Address ENERGEN RESOURCES CORPORATION 605 21ST STREET NORTH BIRMINGHAM, AL 352032707		2. OGRID Number 162928
		3. API Number 30-045-34193
4. Property Code 36016	5. Property Name NAVAJO LAKE	6. Well No. 1

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	10	32N	06W	I	1535	S	415	E	SAN JUAN

8. Pool Information

BASIN FRUITLAND COAL (GAS)	71629
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Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 6182
14. Multiple N	15. Proposed Depth 8332	16. Formation Fruitland Coal	17. Contractor	18. Spud Date 3/15/2007
Depth to Ground water 100		Distance from nearest fresh water well > 1000		Distance to nearest surface water 250
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: 2000 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	12.25	9.625	32.3	400	225	
Int1	8.75	7	23	4639	775	
Prod	6.25	4.5	11.6	8332	0	
Liner3	6.25	4.5	11.6	8203	0	

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	300	1200	

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 ☒ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

Printed Name: **Vicki Donaghey**
Title: **Regulatory Analyst**
Email Address: **vdonaghe@energen.com**

OIL CONSERVATION DIVISION

Approved By: **[Signature]**

Title:

Approved Date:

Expiration Date:

NOTIFY AZTEC OCD
IN TIME TO WITNESS

24 hrs
3/12/07

HOLD CIVIL FOR **directional survey**

District II
PO Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

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

District IV
PO Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

RCVD FEB27'07

WELL LOCATION AND ACREAGE DEDICATION PLAT OIL CONS. DIV.

'API Number 30 045-34193	'Pool Code 71629	'Pool Name BASIN FRUITLAND COAL	DIST. 3
'Property Code 360110	'Property Name NAVAJO LAKE		'Well Number 8 1
'OGRID No. 162928	'Operator Name ENERGEN RESOURCES CORPORATION		'Elevation 6182'

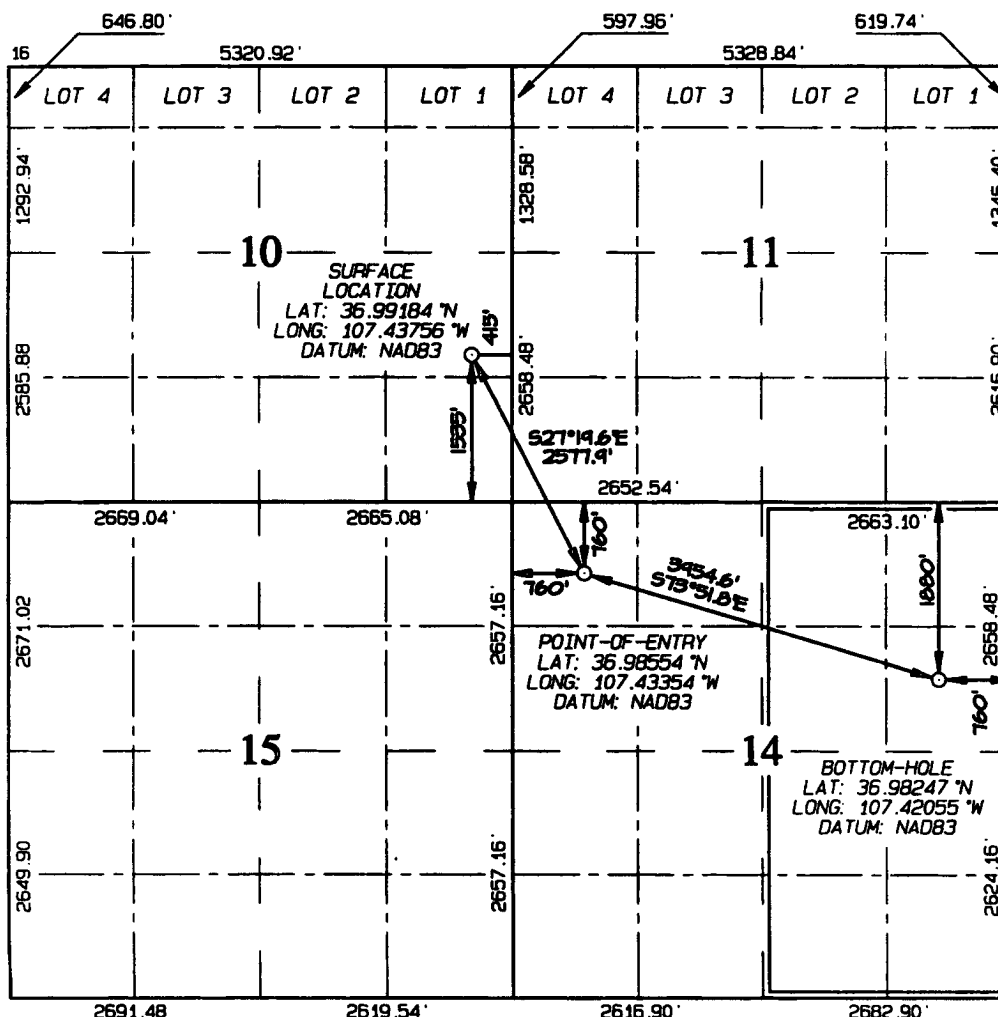
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	10	32N	6W		1535	SOUTH	415	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no. H	Section 14	Township 32N	Range 6W	Lot Idn	Feet from the 1880	North/South line NORTH	Feet from the 760	East/West line EAST	County RIO ARRIBA
¹² Dedicated Acres Section 14 320.0 Acres - <i>N/2</i>					¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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



17 OPERATOR CERTIFICATION

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

Signature _____

Nathan Smith
Printed Name
Drilling Engineer
Title
2/26/07
Date

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

Survey Date: OCTOBER 14, 2005

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269