

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Submit to appropriate District Office

AMENDED REPORT

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

¹ Operator Name and Address Energen Resources Corporation 3300 N. A Street, Bldg. 4, Ste. 100, Midland, TX 79705		² OGRID Number 162928
⁴ Property Code 27811		³ API Number 30- 025-33606
⁵ Property Name STATE D		⁶ Well No. 008
⁹ Proposed Pool 1 TOWNSEND;PERMO UPPER PENN		¹⁰ Proposed Pool 2

⁷Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
L	1	16S	35E		3990	N	330	W	Lea

⁸Proposed 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

Additional Well Location

¹¹ Work Type Code P	¹² Well Type Code Oil	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3976'
¹⁶ Multiple N	¹⁷ Proposed Depth 11,450'	¹⁸ Formation Wolfcamp	¹⁹ Contractor	²⁰ Spud Date
Depth to ground water 60'		Distance from nearest fresh water well 1200'		Distance from nearest surface water >1000'
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume 10,000 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"/>				

²¹Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17.5"	13.375"	54.5#	403'	440	0
11"	8.625"	32#	4750'	1000	0
7.875"	5.5"	17#	11,750'	600	10,200'

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.

See attached procedure.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Plugback

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 checked="" type="checkbox"/> a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/>	OIL CONSERVATION DIVISION	
Signature: Carolyn Larson	Approved by:	
Printed name: Carolyn Larson	Title: PETROLEUM ENGINEER	
Title: Regulatory Analyst	Approval Date: DEC 02 2005	Expiration Date:
E-mail Address: clarson@energen.com		
Date: 11-28-05	Phone: (432) 684-3693	Conditions of Approval: Attached <input type="checkbox"/>

ENERGEN RESOURCES CORPORATION

State D #8

3990' FNL and 330' FWL
Sec 1, T-16-S, R-35-E
Lea, Co. NM
Townsend- Permo Penn
Recomplete Wolfcamp

1. MIRU Pulling Unit
2. Install BOPE.
3. RIH w/CIBP and tubing. Set CIBP at 11450'. POOH
4. RIH w/pkr and tubing. Pressure test CIBP to 2000 psi. PUH and isolate casing leak. Establish rate into casing leak.
5. RIH w/cement retainer and set at 150' above casing leak.
6. Cement squeeze casing leak per service co recommendation.
7. RIH w/4-3/4" bit, 6 3-1/2" drill collars and 2-7/8" tubing. Drill out retainer and cement. Pressure test casing to 500 psig. POOH.
8. RU wireline company. Dump bail 20' of cement on top of CIBP at 11450'. RIH w/GR/CBL/CCL and run correlation log from 11000' to 10000'. POOH. RIH w/4" casing guns loaded w/23 gm charges at 3 SPF and 120° phasing. Perforate Wolfcamp from 10670-98', 10578-94', 10550-71', 10324-30' and 10306-18'. Total shots-249. (Correlated to Schlumberger Platform Express Compensated Neutron Litho-Density/GR log dated 10-22-1996)
9. RIH w/ RBP, Pkr, SN and 2-7/8" tubing. Set RBP at 10730'. PUH w/pkr and set at 10640'
10. Acidize perfs 10670-98' per service co recommendation.
11. RIH and retrieve RBP. Set RBP at 10640'. Pressure test RBP to 2000 psi. PUH w/pkr and set pkr at 10520.
12. Acidize perfs 10550-71' and 10578-94' per service co recommendation.
13. RIH and retrieve RBP. Set RBP at 10370'. Pressure test RBP to 2000 psi. PUH w/pkr and set pkr at 10280'.
14. Acidize perfs 10306-18' and 10324-30' per service co recommendation.
15. Retrieve RBP and set at 10730'. PUH and set pkr at 10280'.
16. RU swab and swab back load.
17. Perform interval swab testing.

ENERGEN RESOURCES CORPORATION

State D #8

3990' FNL and 330' FWL

Sec 1, T-16-S, R-35-E

Lea, Co. NM

Townsend- Permo Penn

Recomplete Wolfcamp

18. RIH w/production tubing. Remove BOPE.
19. RIH with pump and rods.
20. Pressure test tubing to 500 psi.
21. RD pulling unit
22. Place well on pump.

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources Department

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

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

OIL CONSERVATION DIVISION
P.O. Box 2088

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-33606	Pool Code 59847	Pool Name Townsend;Permo Upper Penn
Property Code 4688 27811	Property Name STATE D	Well Number 8
OGRID No. 162928	Operator Name ENERGEN RESOURCES CORPORATION	Elevation 3976'

Surface Location

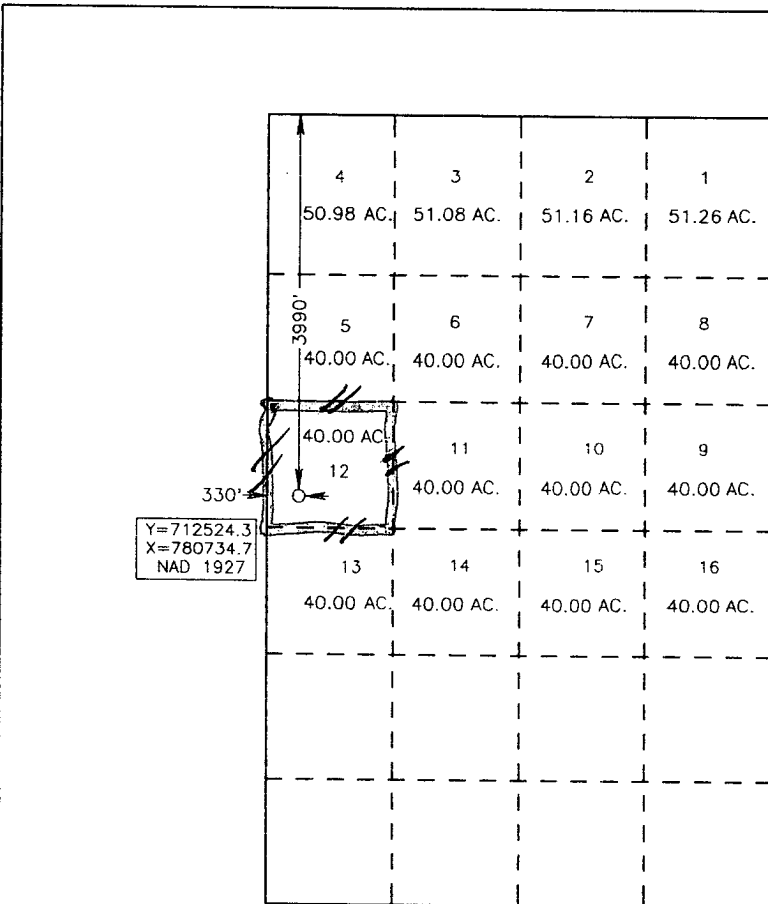
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12	1	16 S	35 E		3990	NORTH	330	WEST	LEA

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.
40			

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 the the information contained herein is true and complete to the best of my knowledge and belief.

Carolyn Larson
Signature

Carolyn Larson
Printed Name

Regulatory Analyst
Title

November 23, 2005
Date

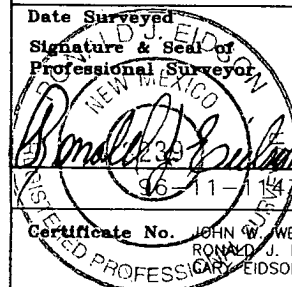
SURVEYOR CERTIFICATION

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.

SEPT. 10 & 11, 1996

Date Surveyed _____ CDG

Signature & Seal of Professional Surveyor



9-17-96

Certificate No. JOHN W. WEST 676
RONALD J. EIDSON 3239
EIDSON 12641