

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. LC-068064	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER In Fill <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR GP II ENERGY, INC. 8359		7. UNIT AGREEMENT NAME 22307	
3. ADDRESS AND TELEPHONE NO. P O BOX 50682, MIDLAND, TX 79710 (915) 684-4748		8. FARM OR LEASE NAME, WELL NO. Grier Federal 21	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1460' FNL & 1310' FEL Unit Ltr H At proposed prod. zone same		9. API WELL NO. 30-015-30174	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 5.7 miles NE of Loco Hills		10. FIELD AND POOL, OR WILDCAT Square Lake GB-SA	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1330'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec.31 T16S R31E	
16. NO. OF ACRES IN LEASE 720		12. COUNTY OR PARISH Eddy	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE NM	
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 840 +- 3800'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3835' GL		22. APPROX. DATE WORK WILL START* October 1, 1997	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" J-55	24	550' +-	WITNES +- Class C (Circ)
7-7/8"	5-1/2" J-55	15.50	3800' +-	700 sx +- Class C (Circ)

ROSWELL CONTROLLED WATER BASIN

- Propose to drill to about 3800' and complete as an in-fill Grayburg producer pending any required State approval.
 - Set 5-1/2" production casing to TD, cemented with sufficient cement to circulate to the surface. Selectively perforate favorable Grayburg zones.
 - Run 2-7/8" tubing to perforations and sand-frac formation.
 - Test well to tanks.
 - See attached Drilling Data and Surface Use Plan.
- Ported 10/1
HLM API
4-10-98
**SUBJECT TO
LIKE APPROVAL
BY STATE**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED Armando A. Lopez TITLE Engineer DATE 9-29-97
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY (ORIG. SGD.) ARMANDO A. LOPEZ TITLE Acting ADM. MINERALS DATE 4-2-98

*See Instructions On Reverse Side

RECEIVED

1997 OCT -1 P 3:49

BUREAU OF LAND MGMT.
ROSWELL OFFICE

10/1/97 10:10 AM

10/1/97 10:10 AM

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

DISTRICT II
P.O. Drawer 88, Artesia, NM 88211-0719

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

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

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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 57570	Pool Name Square Lake GB-SA
Property Code	Property Name GRIER FEDERAL	Well Number 21
OGRID No. 008359	Operator Name GP II ENERGY INC.	Elevation 3835

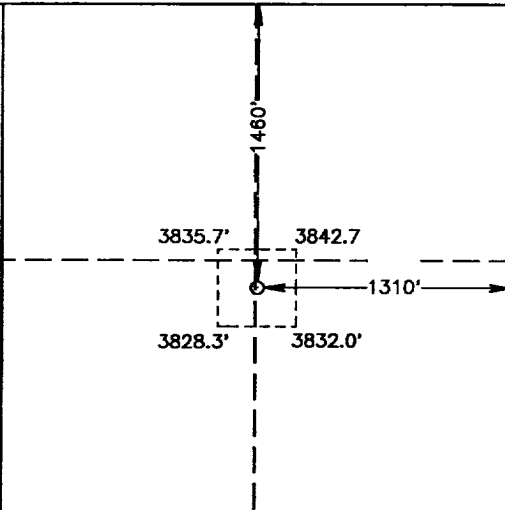
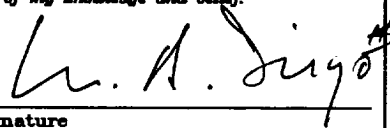
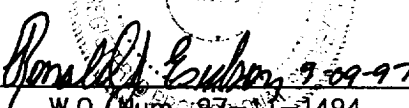
Surface Location

UL or lot No. H	Section 31	Township 16 S	Range 31 E	Lot Idn	Feet from the 1460	North/South line NORTH	Feet from the 1310	East/West line EAST	County EDDY
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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
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 1 30.82 AC.		OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  Signature M. A. Sirgo, III Printed Name Engineer Title 9-29-97 Date
LOT 2 30.91 AC.		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. SEPTEMBER 8, 1997 Date Surveyed JLP Signature & Seal of Professional Surveyor  W.O. Num: 93-013-1494
LOT 3 30.99 AC.		Certificate No. RONALD J. EIDSON, 3239 GARY G. EIDSON, 12841
LOT 4 31.08 AC.		

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

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

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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name
Property Code	Property Name		Well Number
	GRIER FEDERAL		21
OGRID No.	Operator Name		Elevation
	GP II ENERGY INC.		3835

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	31	16 S	31 E		1460	NORTH	1310	EAST	EDDY

Bottom Hole Location If Different From Surface

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Dedicated Acres	Joint or Infill	Consolidation Code		Order No.					

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LOT 1 30.82 AC.

LOT 2 30.91 AC.

LOT 3 30.99 AC.

LOT 4 31.08 AC.

510' OF NEW ACCESS ROAD

EXISTING ROAD

3835.7'

3842.7'

1310'

3828.3'

3832.0'

NEW ACCESS ROAD

ELECTRIC LINE

150'

LOCATION

OPERATOR CERTIFICATION

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

Signature _____

Printed Name _____

Title _____

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.

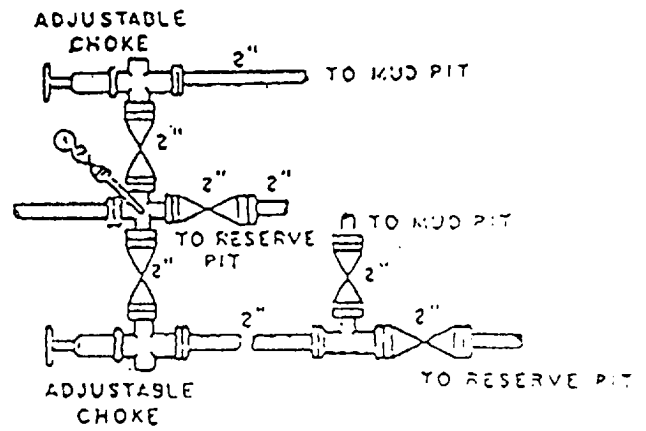
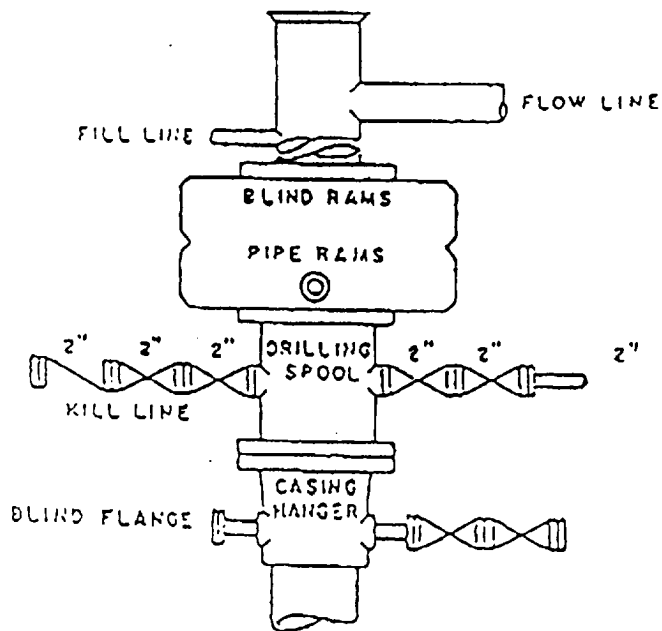
SEPTEMBER 8, 1997

Date Surveyed _____ JLP

Signature & Seal of Professional Surveyor _____

W.O. Num. 97-11-1494

Certificate No. RONALD J. EIDSON, 3239
GARY G. EIDSON, 12641



BOP DIAGRAM

3000# Working Pressure
Rams Operated Daily