

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

Form C-144 CLEZ
July 21, 2008

For closed-loop systems that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, submit to the appropriate NMOCD District Office.

Closed-Loop System Permit or Closure Plan Application

(that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)

Type of action: ☒ Permit ☐ Closure

Instructions: Please submit one application (Form C-144 CLEZ) per individual closed-loop system request. For any application request other than for a closed-loop system that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, please submit a Form C-144.

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1. Operator: STATE OF NEW MEXICO Formerly PLATINUM EXPLORATION INC OGRID #: _____
Address: 1625 N. FRENCH DRIVE HOBBS, NM 88240
Facility or well name: BARNHILL #1
API Number: 30-025-28198 OCD Permit Number: P1-02775
U/L or Qtr/Qtr L Section 1 Township 14S Range 37E County: LEA
Center of Proposed Design: Latitude _____ Longitude _____ NAD: ☐ 1927 ☐ 1983
Surface Owner: ☐ Federal ☐ State ☒ Private ☐ Tribal Trust or Indian Allotment

2. ☒ Closed-loop System: Subsection H of 19.15.17.11 NMAC
Operation: ☐ Drilling a new well ☐ Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) ☒ P&A
☒ Above Ground Steel Tanks or ☐ Haul-off Bins

3. Signs: Subsection C of 19.15.17.11 NMAC
☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers
☒ Signed in compliance with 19.15.3.103 NMAC

4. Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.
☒ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☒ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☒ Closure Plan (Please complete Box 5) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
☐ Previously Approved Design (attach copy of design) API Number: _____
☐ Previously Approved Operating and Maintenance Plan API Number: _____

5. Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC)
Instructions: Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required.
Disposal Facility Name: GANDY MARLEY Disposal Facility Permit Number: NM 01-0019
Disposal Facility Name: SUNDANCE Disposal Facility Permit Number: NM 01-0003
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future service and operations?
☐ Yes (If yes, please provide the information below) ☒ No
Required for impacted areas which will not be used for future service and operations:
☐ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

6. Operator Application Certification:
I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.
Name (Print): MAXEY G. BROWN Title: COMPLIANCE OFFICER
Signature: Maxey G. Brown Date: 12/7/2010
e-mail address: _____ Telephone: _____

7.
OCD Approval: ☐ Permit Application (including closure plan) ☐ Closure Plan (only)

OCD Representative Signature: 

Approval Date: 1-11-2011

Title: STAFF MEMBER

OCD Permit Number: PI-02775

8.
Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC

Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.

☐ Closure Completion Date: _____

9.
Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:

Instructions: Please identify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Were the closed-loop system operations and associated activities performed on or in areas that *will not* be used for future service and operations?

☐ Yes (If yes, please demonstrate compliance to the items below) ☐ No

Required for impacted areas which will not be used for future service and operations:

☐ Site Reclamation (Photo Documentation)

☐ Soil Backfilling and Cover Installation

☐ Re-vegetation Application Rates and Seeding Technique

10.
Operator Closure Certification:

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

STATE OF NM (formerly PLATINUM EXPLORATION INC.)

BARNHILL #1

Unit L Sec. 1, T- 14-S, R- 37-E

LEA Co., NM

API#: 30-025 - 28198

Equipment & Design:

State of NM will use a closed loop system in the plug and abandonment of this well. The following equipment will be on location:

- (1) 250 bbl steel reverse tank

Operations & Maintenance:

During each day of operation, the rig's crew will inspect and closely monitor the fluids contained within the steel tank and visually monitor any release that may occur. Should a release, spill or leak occur, the NMOCD District 1 office Hobbs (575-393-6161) will be notified, as required in NMOCD's rule 19.15.29.8.

Closure:

After plugging operations, fluids and solids will be hauled and disposed at Gandy-Marley Disposal's location, permit number NM 01-0019. Secondary site will be Sundance Disposal, permit number NM 01-0003.

WELLBORE SCHEMATIC AND HISTORY

API # 30-025-2819A

COMPLETION SCHEMATIC		LEASE NAME: <u>BARNHILL</u> FIELD NAME: <u>W.B.</u>		No. <u>1</u> of <u>1</u> # <u>1</u>		
		TYPE COMPLETION: <input checked="" type="checkbox"/> SINGLE <input type="checkbox"/> DUAL <input type="checkbox"/> OTHER				
		LOCATION: <u>1650 FSL 990 FWL SEC. 1, BLK. 14, SURVEY 37</u>				
		TD <u>12,744</u>	PBD <u>12,690</u>	KB	DF	
		COD	DOD	GL		
		NO. PROD. WELLS ON LEASE		FLOWING	PUMPING <input checked="" type="checkbox"/>	GAS LIFT
		ZONE TO BE WORKED ON:		CURRENT COMPLETION ZONE: <u>WOLFCAMP</u>		
		CSG. PERF FS <u>9406-9452</u>		OPEN HOLE:		
		CURRENT TEST (SHOW DATE)				
		GAS		OIL		
		GAS		OIL WATER		
CASING BREAKDOWN						
SURF.	SIZE: <u>13 3/8</u>	DEPTH <u>405</u>	CMT <u>CIRC/SURFACE</u>	Est. cement top		
INTER.	SIZE: <u>8 5/8</u>	DEPTH <u>4,668</u>	CMT <u>2760</u>			
PROD.	SIZE: <u>5 1/2</u>	DEPTH <u>12,744</u>	CMT <u>6400</u>			
TUBING BREAKDOWN: <u>DV Tool @ 9985</u>			ROD BREAKDOWN			
-History						
<p>*Note - RIH tag CIRP @ 12,590 & cap w/ 35' cmt -</p> <ol style="list-style-type: none"> ① GIH tag CIRP. CIRC. MUD TO 9350' ② Spot 25 sx CL. 'H' ③ POOH to 10,035'. (DV Tool) ④ SPOT 25 sx CL. 'H' WOC & TAG. ⑤ SET CIRP at 9350' w/ 35 sx CL 'H' on top ⑥ CIRC Mud to 6000' ⑦ PERF at 6000'. SQZ w/ 25sx CL 'C'. WOC & TAG. ⑧ CIRC Mud to 4600' ⑨ PERF at 4718'. SQZ w/ 25sx CL 'C'. WOC & TAG ⑩ CIRC Mud to 3100' ⑪ PERF at 3100'. SQZ w/ 25sx CL 'C' WOC & TAG ⑫ CIRC MUD to 2200' ⑬ PERF at 2200'. SQZ w/ 100 sx CL 'C' WOC & TAG ⑭ CIRC Mud to 455' ⑮ PERF at 455'. SQZ w/ 100 sx CL 'C' WOC & TAG ⑯ CIRC Mud to 60' ⑰ Perf at 60'. SQZ w/ 100 sx CL 'C' CIRC CMT to Surface 						

PREPARED BY:

UPDATED:

WRS COMPLETION REPORT

REISSUES SEC 1 TWP 14S RGE 37E
 PI# 30-T-0011 11/03/86 30-025-28198-0000 PAGE 1

NMEX LEA * 1650FSL 990FWL SEC NW SW
 STATE COUNTY FOOTAGE SPOT
 UNION TEXAS PET D DO
 OPERATOR WELL CLASS INIT FIN
 1 BARNHILL W B
 WELL NO LEASE NAME
 3831GR KING S
 OPER ELEV FIELD POOL AREA
 API 30-025-28198-0000

LEASE TYPE NO. PERMIT OR WELL I.D. NO.
 05/17/1983 09/07/1983 ROTARY OIL
 SPUD DATE COMP. DATE TYPE TOOL STATUS
 13200 DEVONIAN BLANKS DRLG 8
 PROJ. DEPTH PROJ. FORM CONTRACTOR
 DTD 12745 PB 12690 FM/TD DEVONIAN
 DRILLERS T.D. LOG T.D. PLUG BACK TO OLD T.D. FORM T.D.

LOCATION DESCRIPTION

4 MI NE PRAIRIEVIEW, NM

CASING/LINER DATA

CSG 13 3/8 @ 405 W/	500 SACKS	01
CSG 8 5/8 @ 4668 W/	2200 SACKS	02
CSG 5 1/2 @ 12744 W/	2975 SACKS	04

TUBING DATA

TBG 2 7/8 AT 9007

INITIAL POTENTIAL

IPP 389BOPD
 DEVONIAN PERF W/ 2/FT 12657-12670 24HRS
 PERF 12657-12670 006
 ACID 12657-12670 100GALS
 GTY 45.0 GOR 771

TYPE	FORMATION	LTH	TOP DEPTH/SUB	BSE DEPTH/SUB
LOG	RUSTLER		2240 1591	
LOG	YATES		3168 663	
LOG	SN ANDRS		4600 -769	
LOG	GLORIETA		6094 -2263	
LOG	CLEAR FK		6797 -2966	
LOG	TUBB		7356 -3525	
LOG	ABO		8024 -4193	

CONTINUED IC# 300257024583

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Petroleum Information
 CORPORATION

PI-WRS-GFT
 Form No 187

REISSUES
PI# 30-T-0011 11/03/86 SEC 1 TWP 14S RGE 37E
30-025-28198-0000 PAGE 2

UNION TEXAS PET
1 BARNHILL W B D DO

TYPE	FORMATION	LTH	TOP	DEPTH/SUB	BSE	DEPTH/SUB
LOG	WOLFCAMP		9402	-5571		
LOG	ATOKA		11424	-7593		
LOG	MSSP		11607	-7776		
LOG	DEVONIAN		12644	-8813		

FORMATION TEST DATA

DST 1 9377- 9457 WOLFCAMP S003
REC 300.0 FT O&GCM 2350.0 CC MUD
IFP 49
FSIP 122 1H FFP 122 BHT 140F
SPL REC MUD W/TR OIL FSIP 2873 1H IHP 4563 FHP 4562
NO OTHER DETAILS

PRODUCTION TEST DATA

PTS 1UO 26BW
DEVONIAN PERF W/ 1/FT 12706-12718 10HRS
PERF 12706-12718 005
ACID 12706-12718 100GALS
BRPG 12706-12718 DEPTH 12690
SWBD 26 BW W/TR OIL IN 10 HRS

LOGS AND SURVEYS /INTERVAL,TYPE/

LOGS	SONL	DILL	FDC
LOGS	CNL	DIPM	

DRILLING PROGRESS DETAILS

UNION TEXAS PET
4000 N BIG SPRING
MIDLAND, TX 79705
915-684-0600
04/20 LOC/1983/
06/07 DRLG 7340
07/12 12745 TD, PB 12744 (TITE HOLE)
08/09 12745 TD, PB 12690, TSTG
08/23 12745 TD, PB 12690, TSTG
09/19 SECOND PRODUCER FOR THE FIELD
10/28 12745 TD, PB 12690

CONTINUED

WELLBORE SCHEMATIC AND HISTORY

API# 30-025-28198

COMPLETION SCHEMATIC		LEASE NAME: <u>BARNHILL</u> FIELD NAME: <u>W.B.</u>		No. <u>1</u> # <u>1</u>	
<p>13 3/8" 405' w/500 SX CIRC.</p> <p>8 5/8" C 4,668' w/2200 SX TDC 2760' by T.S.</p> <p>TOC < 6400'</p> <p>9406-08</p> <p>944B-52</p> <p>DU TOOL 9985'</p> <p>CIRP < 12,590</p> <p>5 1/2" 237 17# 20# 12,744</p>		TYPE COMPLETION: <input checked="" type="checkbox"/> SINGLE <input type="checkbox"/> DUAL <input type="checkbox"/> OTHER			
		LOCATION: <u>1650 FSL 990 FWL</u> SEC. <u>1</u> , BLK. <u>14</u> , SURVEY <u>37</u>			
		TD <u>12,744</u> PBD <u>12,690</u>		KB <u> </u> DF <u> </u>	
		COD <u> </u> DOD <u> </u>		GL <u> </u>	
		NO. PROD. WELLS ON LEASE <u> </u>		FLOWING <u> </u> PUMPING <input checked="" type="checkbox"/> GAS LIFT <u> </u>	
		ZONE TO BE WORKED ON: <u> </u>		CURRENT COMPLETION ZONE: <u>WOLFCAMP</u>	
		CSG. PERF FS <u>9406-9452</u>		OPEN HOLE: <u> </u>	
		CURRENT TEST (SHOW DATE) <u> </u>			
		GAS <u> </u>		OIL <u> </u>	
		GAS <u> </u>		OIL <u> </u> WATER <u> </u>	
CASING BREAKDOWN Est. cement top					
SURF.		SIZE: <u>13 3/8</u>	DEPTH <u>405</u>	CMT <u>CIRC/SURFACE</u>	
INTER.		SIZE: <u>8 5/8</u>	DEPTH <u>4,668</u>	CMT <u>2760</u>	
PROD.		SIZE: <u>5 1/2</u>	DEPTH <u>12,744</u>	CMT <u>6400</u>	
TUBING BREAKDOWN <u>DU TOOL @ 9985</u>				ROD BREAKDOWN <u> </u>	
History					
*Note - RIH tag CIRP @ 12,590 & CAP w/ 35' cmt -					
<div style="display: flex; justify-content: space-between;"> <div> <p>PREPARED BY: <u> </u></p> </div> <div> <p>UPDATED: <u> </u></p> </div> </div>					

Bottom SAK @ 3000'

 $13\frac{3}{8}$

405

Don't Circ
The Surface

150

2200

T5

94

35

TOC 2760 (rs) 05/8
4668

(15) 85/81

4668

✓ 6100 Perf 50

6400 TOL

ABO plug

9330 CFBP & CAP

25SX

DN 100L
9985

CEBP

9406-8

CAP
w/8

9414-18

123
mni

9425-27

2

9432-31

911

1440-44

9448-52

0539

$$12,657 - 12,670$$

12,706 - 12,718

255X

12,590 CIBP

5 1/2

12,744

LTN Tq. CRR- CAP 2/35' cont