

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

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-101

May 27, 2004

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 GeoSurveys, Inc., 218 South Leggett, Abilene, TX 79605		² OGRID Number 220247
³ Property Code 35744		⁴ API Number 30-041-20924
⁵ Property Name Mesa 26 State		⁶ Well No. 1
⁹ Proposed Pool 1 Wildcat (Queen)		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	26	2N	29E		1400	S	1100	W	Roosevelt

⁸ Proposed 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 Information

¹¹ Work Type Code P	¹² Well Type Code G	¹³ Cable/Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4248'
¹⁶ Multiple No	¹⁷ Proposed Depth 2030'	¹⁸ Formation Queen	¹⁹ Contractor Basic	²⁰ Spud Date 10-01-07
Depth to Groundwater 68'		Distance from nearest fresh water well 1600'		Distance from nearest surface water 8 miles
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"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC

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.

We plan to plug back as described on Form C-103, then cement behind the 8 5/8" casing. Then perforate and test the Queen sand intervals from 1560'-1900'. The zone previously tested was the granite wash 7040'-7055', which tested water. No production has been obtained to date.

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

OIL CONSERVATION DIVISION

Approved by:



Title:

Printed name: **Calvin Donaghey**Title: **President**

Approval Date:

AUG 28 2007

Expiration Date:

E-mail Address: **gsurveys@bitstreet.com**Date: **8-22-07**Phone: **325-676-8063**Conditions of Approval Attached ☐

Submit 3 Copies To Appropriate District Office
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State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Santa Fe, NM 87505

Form C-103
May 27, 2004

WELL API NO. 30-041-20924
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. LH 6324 0000
7. Lease Name or Unit Agreement Name Mesa 26 State
8. Well Number 1
9. OGRID Number 220247
10. Pool name or Wildcat Wildcat (Montoya)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4248' GL
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input checked="" type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	P AND A <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
MULTIPLE COMPL <input type="checkbox"/>	OTHER: <input type="checkbox"/>
OTHER: Plug Back <input checked="" type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

We propose to plug back as discussed with Gary Wink, then test shallow interval behind 8 5/8" casing. We propose to:
Set CIBP in 5 1/2" and top with 35' cement. CIBP will be at 6900' at top of 4" liner. Cut 5 1/2" at free point (estimate 5,000'), TOC 5,070'. Pull 5 1/2" casing.
Spot 40sack plug 5050'-4950' class C w/ 2% CC. Tag plug.
Spot 75 sack plug 2765'-2665' class C w/ 2% CC. Tag plug. Perforate 8 5/8" at 2050'.
Set retainer at approximately 2030' and cement with 600 sacks.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☒ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Calvin Donaghy TITLE President DATE 7-20-07

Type or print name
For State Use Only

E-mail address:

Telephone No. **325-676-8063**

APPROVED BY: [Signature] TITLE _____ DATE _____
Conditions of Approval (if any): _____

AUG 28 2007

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-041-20924	¹ Pool Code	¹ Pool Name Wildcat (Queen)
¹ Property Code 35744	¹ Property Name Mesa 26 State	¹ Well Number 1
¹ OGRID No. 220247	¹ Operator Name GeoSurveys, Inc.	¹ Elevation 4248'

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
L	26	2N	29E		1400	SOUTH	1100	WEST	ROOSEVELT

¹¹ 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

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

¹⁶ 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained 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 a mineral or working interest, or a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <u>Calvin Donaghey</u> Date: <u>8/23/07</u> Printed Name: <u>Calvin Donaghey</u>	
	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. Date of Survey: <u>06/02/06</u> Signature and Seal of Professional Surveyor: Certificate Number: <u>5985</u>	