

FORM
2
Rev
12/05

State of Colorado
Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

1633751

Plugging Bond Surety

20090024

APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☐ GAS ☒ COALBED ☐ OTHER _____
SINGLE ZONE ☒ MULTIPLE ZONE ☐ COMMINGLE ZONE ☐

Refiling ☐
Sidetrack ☐

3. Name of Operator: THOMPSON ENGINEERING & PRODUCTION 4. COGCC Operator Number: 87830
5. Address: 7415 E MAIN
City: FARMINGTON State: NM Zip: 87402
6. Contact Name: PAUL THOMPSON Phone: (505)327-4892 Fax: (505)327-9834
Email: PAUL@WALSHENG.NET
7. Well Name: IGNACIO 33-7 Well Number: 12A
8. Unit Name (if appl): _____ Unit Number: _____
9. Proposed Total Measured Depth: 5855

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 29 Twp: 33N Rng: 7W Meridian: N
Latitude: 37.072040 Longitude: -107.636890

Footage at Surface: 1502 feet FNL/FSL FSL 1275 feet FEL/FWL FWL

11. Field Name: IGNACIO BLANCO Field Number: 38300

12. Ground Elevation: 6411 13. County: LA PLATA

14. GPS Data:

Date of Measurement: 09/18/2010 PDOP Reading: 3.0 Instrument Operator's Name: SCOTT WEIBE

15. If well is ☐ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL _____ FEL/FWL _____ Bottom Hole: FNL/FSL _____ FEL/FWL _____

Sec: _____ Twp: _____ Rng: _____ Sec: _____ Twp: _____ Rng: _____

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No

17. Distance to the nearest building, public road, above ground utility or railroad: 1700 ft

18. Distance to nearest property line: 151 ft 19. Distance to nearest well permitted/completed in the same formation: 2500 ft

20. **LEASE, SPACING AND POOLING INFORMATION**

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
MESA VERDE	MVRD	112-46	320	W/2

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: _____

22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

23. Is the Surface Owner also the Mineral Owner? ☐ Yes ☒ No Surface Surety ID#: _____

23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☐ Yes ☐ No

23b. If 23 is No ☒ Surface Owners Agreement Attached or ☐ \$25,000 Blanket Surface Bon ☐ \$2,000 Surface Bond ☐ \$5,000 Surface Bond

24. Using standard QtrQtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer):
SE/NW (40) AND N/2 SW (80)

25. Distance to Nearest Mineral Lease Line: _____ 151 ft 26. Total Acres in Lease: _____ 120

DRILLING PLANS AND PROCEDURES

27. Is H2S anticipated? ☐ Yes ☒ No If Yes, attach contingency plan.

28. Will salt sections be encountered during drilling? ☐ Yes ☒ No

29. Will salt (>15,000 ppm TDS CL) or oil based muds be used during drilling? ☐ Yes ☒ No

30. If questions 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☐ No

31. Mud disposal: ☐ Offsite ☒ Onsite **If 28, 29, or 30 are "Yes" a pit permit may be required.**

Method: ☒ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: _____

Note: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b). If air/gas drilling, notify local fire officials.

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	9+5/8	36		250	130	250	0
1ST	8+3/4	7	20		3,240	340	3,240	0
2ND	6+1/4	4+1/2	10.5		3,140	270	5,855	3,140

32. BOP Equipment Type: ☐ Annular Preventer ☒ Double Ram ☒ Rotating Head ☐ None

33. Comments NO CONDUCTOR PIPE WILL BE USED.

34. Location ID: _____

35. Is this application in a Comprehensive Drilling Plan ? ☐ Yes ☐ No

36. Is this application part of submitted Oil and Gas Location Assessment ? ☒ Yes ☐ No

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: PAUL C. THOMPSON

Title: AGENT/ENGINEER Date: 1/18/2011 Email: PAUL@WALSHENG.NET

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: David S. Neslin Director of COGCC Date: 4/15/2011

API NUMBER

05 067 09851 00

Permit Number: _____ Expiration Date: 4/14/2013

CONDITIONS OF APPROVAL, IF ANY: _____

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

- 1) Provide 48 hour notice of spud to COGCC field inspector Leslie Melton (970) 375-6419.
- 2) Provide cement coverage of intermediate casing from TD to surface.
- 3) Provide a minimum of 200 feet of cement above the shallowest hydrocarbon bearing zone behind the partial liner.
- 4) Run and submit cement bond logs on both the intermediate casing and partial liner.

Attachment Check List

Att Doc Num	Name
1633751	APD ORIGINAL
1633752	WELL LOCATION PLAT
1633753	TOPO MAP
1633754	30 DAY NOTICE LETTER
1857174	SELECTED ITEMS REPORT

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	PERMITTING PASSED- JLV	4/13/2011 1:37:23 PM
Permit	Hold waiting on information from Operator as to the correct Spacing Order. JLV	3/31/2011 3:12:40 PM
Permit	Corrected plugging bond and #36 with Opr permission. sf	3/1/2011 3:32:36 PM
Permit	Needs plugging bond surety ID, and answer to #36. sf	3/1/2011 11:33:23 AM
Data Entry	CHECK FIELD NAME; CHECK CASING STRING PROD LINER.	2/28/2011 10:04:45 AM

Total: 5 comment(s)

BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)