

1R - 426-108

**APPROVALS**

**YEAR(S):**

2008

**Hansen, Edward J., EMNRD**

---

**From:** Hansen, Edward J., EMNRD  
**Sent:** Thursday, September 25, 2008 9:42 AM  
**To:** 'Hack Conder'  
**Cc:** Price, Wayne, EMNRD; 'Hall, Sharon'  
**Subject:** RE: ROC BD F-25-1 and 2, NMOCD Case #s 1R426-108 and 1R426-109

Dear Mr. Conder:

The New Mexico Oil Conservation Division (NMOCD) has received the proposed amendments to the respective ICPs for the above reference sites. The NMOCD hereby conditionally approves the proposed amendments:

- 1) Rice Operating Company must advance the respective borings to a depth of 85 feet bgs.
- 2) Rice Operating Company must monitor the respective open borings for water at least 48 hours after the completion of the respective borings.

Please be advised that NMOCD approval of these amendments does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

If you have any questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen  
Hydrologist  
Environmental Bureau

---

**From:** Hall, Sharon [mailto:Sharon.Hall@arcadis-us.com]  
**Sent:** Wednesday, September 24, 2008 2:37 PM  
**To:** Hansen, Edward J., EMNRD  
**Subject:** FW: ROC BD F-25-1 and 2, NMOCD Case #s 1R426-108 and 1R426-109

Ed,

Do we have your approval to drill one soil boring at each of these locations to a depth of 75 feet to document that there is no groundwater rather than to drill 5 soil boring and possibly convert one to a monitor well?

Regards,  
Sharon

---

**From:** Hall, Sharon  
**Sent:** Thursday, August 07, 2008 8:05 AM  
**To:** Hansen, Edward J., EMNRD  
**Cc:** Hack Conder  
**Subject:** ROC BD F-25-1 and 2, NMOCD Case #s 1R426-108 and 1R426-109

Ed,

We discussed the procedure to document that there is no groundwater at a site. I have attached the State Engineer's Report for Township 21S, Range 37E, Sections 23,24,25,26,35, and 36. The subject sites are in section 25. You will see from the reports that 29 wells were drilled in these sections. Of the 29 wells only two report groundwater. Both are in Section 23 and the average depth to groundwater is 65 feet. Additionally, the landowner

9/25/2008

at the subject sites told ROC that he has drilled for groundwater and has been unsuccessful.

We have approved Investigation Characterization Plans (ICPS) at these sites. They were approved on 7/18/2007 and the approved scope was to drill 5 soil borings, possibly converting the source boring to a monitor well. We would like to request an amendment to the ICPs in light of the fact that groundwater likely does not occur at these sites. I propose that we drill one soil boring at each site to a depth of 75 feet, ten feet below the average water depth in Section 23.

Your approval of this request will be appreciated. Please let me know if I need to submit a letter of request or a revised ICP. Let me know if you have any questions or need additional information.

Regards,  
Sharon

Sharon E. Hall PG, REM  
Associate Vice President  
ARCADIS G&M Inc  
1004 N. Big Spring Street, Suite 300  
Midland, Texas 79701  
ph: 432 687-5400  
fax: 432 687-5401

---

NOTICE: This e-mail and any files transmitted with it are the property of ARCADIS U.S., Inc. and its affiliates. All rights, including without limitation copyright, are reserved. The proprietary information contained in this e-mail message, and any files transmitted with it, is intended for the use of the recipient(s) named above. If the reader of this e-mail is not the intended recipient, you are hereby notified that you have received this e-mail in error and that any review, distribution or copying of this e-mail or any files transmitted with it is strictly prohibited. If you have received this e-mail in error, please notify the sender immediately and delete the original message and any files transmitted. The unauthorized use of this e-mail or any files transmitted with it is prohibited and disclaimed by ARCADIS U.S., Inc. and its affiliates.

---

This inbound email has been scanned by the MessageLabs Email Security System.

---

9/25/2008

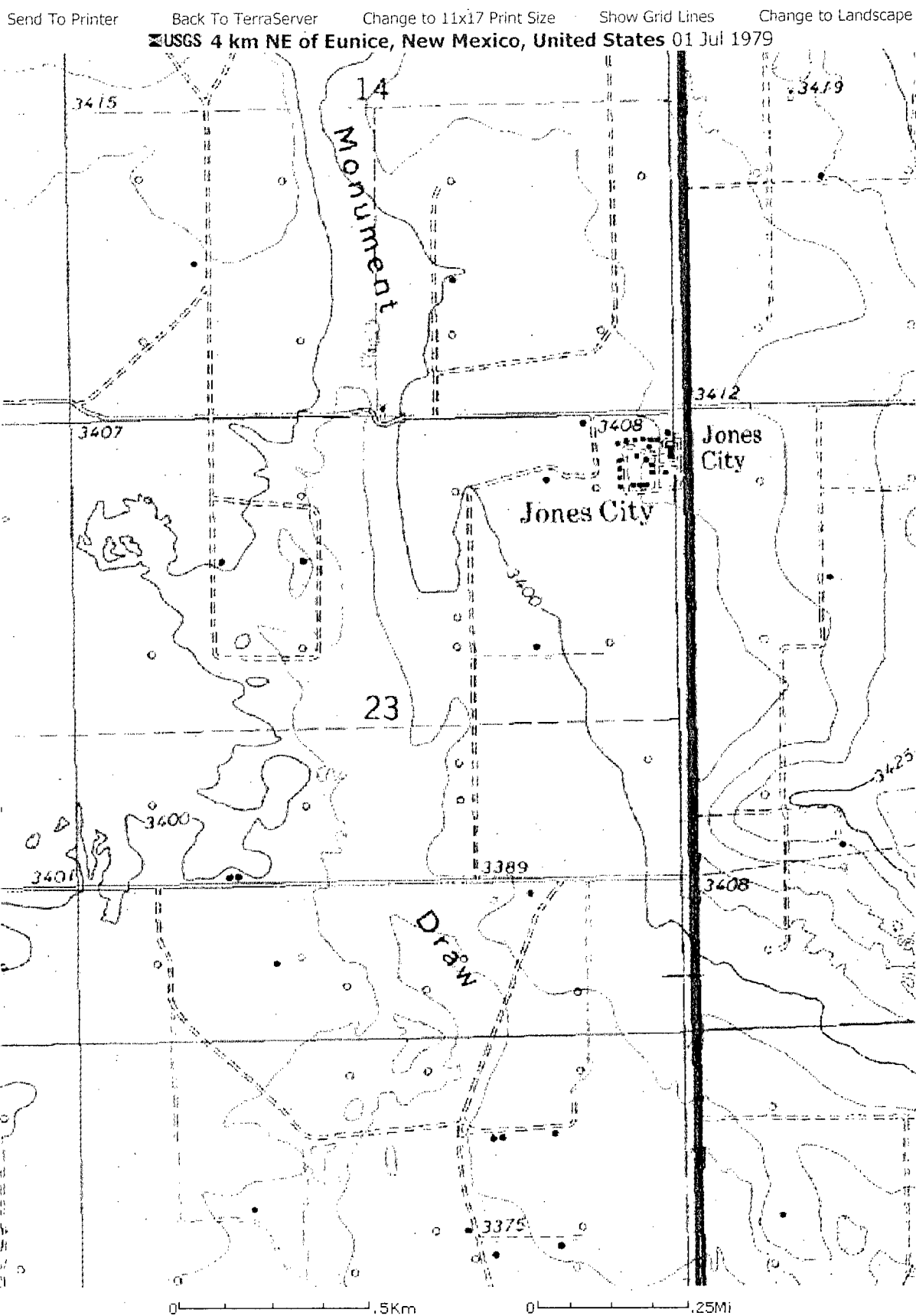


Image courtesy of the U.S. Geological Survey  
© 2004 Microsoft Corporation.    **Terms of Use**    **Privacy Statement**

[Send To Printer](#)[Back To TerraServer](#)[Change to 11x17 Print Size](#)[Show Grid Lines](#)[Change to Landscape](#)

USGS 4 km E of Eunice, New Mexico, United States 01 Jul 1979

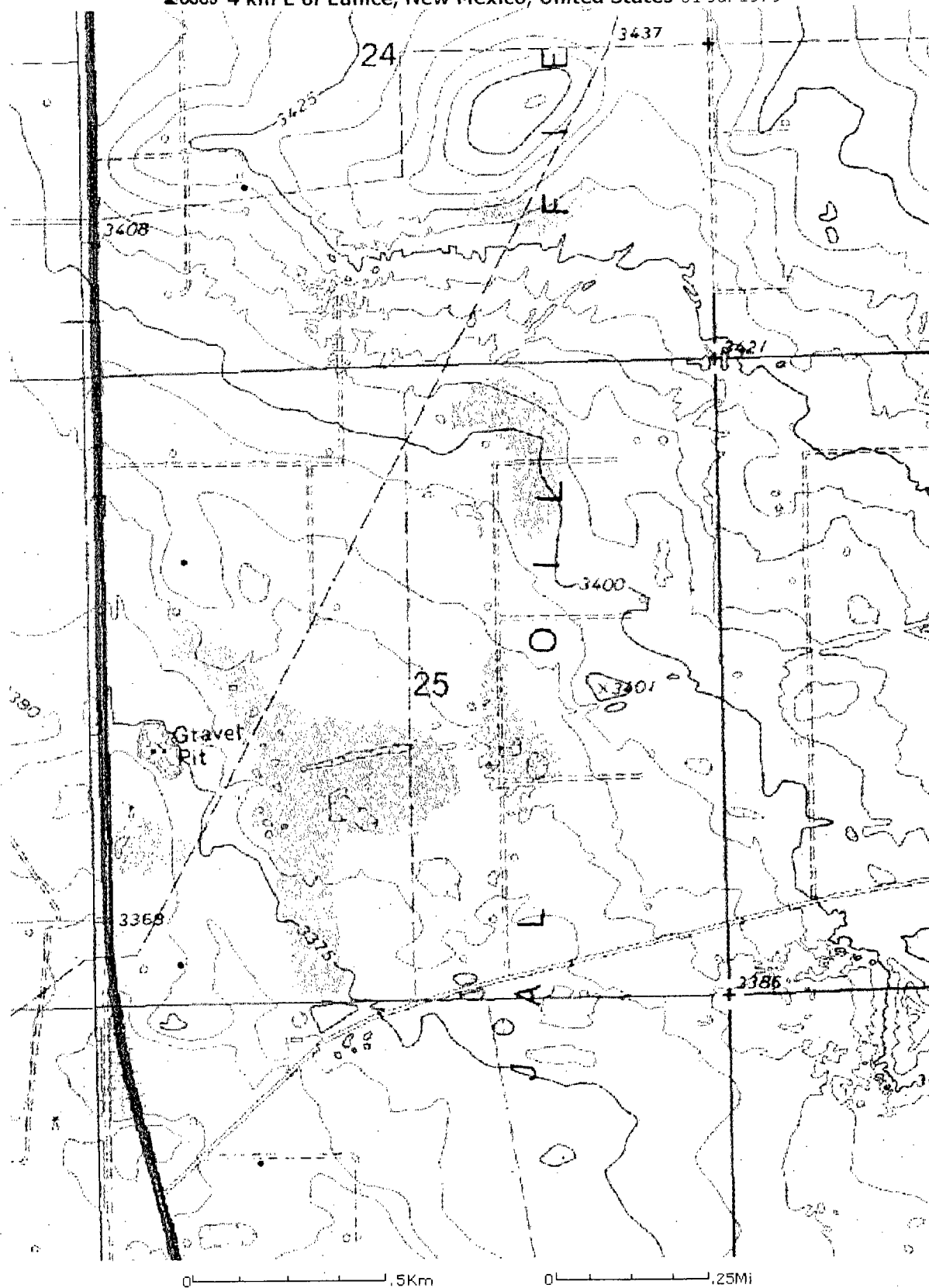


Image courtesy of the U.S. Geological Survey

© 2004 Microsoft Corporation.

[Terms of Use](#)[Privacy Statement](#)

*New Mexico Office of the State Engineer*  
**POD Reports and Downloads**

Township: 21S Range: 37E Sections: 23,24,25,26,35,36

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) ☐ Non-Domestic ☐ Domestic  
☒ All

POD / Surface Data Report

Avg Depth to Water Report

Water Column Report

Clear Form

iWATERS Menu

Help

## AVERAGE DEPTH OF WATER REPORT 07/24/2008

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
CP	21S	37E	23				2	65	65	65

Record Count: 2

New Mexico Office of the State Engineer

Page 2 of 2

CP 00229 21S 37E 35 4 3 4  
CP 00914 EXPL 21S 37E 36 1 3 4

85  
72

Record Count: 18

<http://iwaters.ose.state.nm.us:7001/iWATERS/WellAndSurfaceDispatcher>

8/6/2008

CP 00235	IND	61	VERSADO GAS PROCESSORS LLC	CP 00235	21S	37E 23	1	2	2	13
CP 00236	IND	40	VERSADO GAS PROCESSORS LLC	CP 00236	21S	37E 23	2	1	3	13
CP 00238	IND	40	VERSADO GAS PROCESSORS LLC	CP 00238	21S	37E 23	2	3	3	13
CP 00239	IND	25	VERSADO GAS PROCESSORS LLC	CP 00239	Shallow	21S	37E 23	2	1	13
CP 00240	IND	34	VERSADO GAS PROCESSORS LLC	CP 00240	Shallow	21S	37E 23	1	2	13
CP 00241	IND	11	VERSADO GAS PROCESSORS LLC	CP 00241	Shallow	21S	37E 23	1	2	13
CP 00356	DOM	0	WILL J. MCCASLAND	CP 00356 EXP	21S	37E 36	3	3	3	13
CP 00405	STK	0	WILLIAM O. ET AL STEPHENS	CP 00405 EXP	21S	37E 35	2	2	1	13
CP 00562	STK	3	JIMMIE D. WEIR	CP 00562	Shallow	21S	37E 23	2	2	13
CP 00686	DOM	0	ALBERT HERNANDZ	CP 00686 EXP	21S	37E 23	2	4	3	13
CP 00700	MUL	3	WAYNE R. WALKER	CP 00700	Shallow	21S	37E 23	2	2	13
CP 00914	EXP	0	ROBERT WALLACH	CP 00914 EXPL	21S	37E 36	1	3	4	13

Record Count: 29