

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

Form C-144  
June 1, 2004

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

For drilling and production facilities, submit to appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe office

**Pit or Below-Grade Tank Registration or Closure**

Is pit or below-grade tank covered by a "general plan"? Yes X No ☐

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank X

Operator: Yates Petroleum Corporation Telephone: 505-748-4500 e-mail address: mstubblefield@sesi-nm  
Address: 104 South 4<sup>th</sup> Street, Artesia, N.M.  
Facility or well name: Meteor BEM State #1 API #: 30-025-24812 U/L or Qtr/Qtr F Sec 23 T 11s R 34e  
County: Lea Latitude 33.35288 Longitude 104.48304 NAD: 1927 ☐ 1983 X Surface Owner Federal ☐ State X Private ☐ Indian ☐

Pit

Type: Drilling Production ☐ Disposal ☒  
Workover ☐ Emergency ☐  
Lined ☒ Unlined ☐  
Liner type: Synthetic ☐ Thickness 12 mil Clay ☐  
Pit Volume N/A bbl

**Below-grade tank**

Volume: bbl Type of fluid:  
Construction material:  
Double-walled, with leak detection? Yes ☐ If not, explain why not

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)

Less than 50 feet	(20 points)
50 feet or more, but less than 100 feet	(10 points) X
100 feet or more	(0 points)

Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)

Yes	(20 points)
No	(0 points) X

Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)

Less than 200 feet	(20 points)
200 feet or more, but less than 1000 feet	(10 points)
1000 feet or more	(0 points) X

<b>Ranking Score (Total Points)</b>	10 points
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If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite X offsite ☐ If offsite, name of facility (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: Workplan for drilling pit closure. Pit contents will be mixed with an earthen material to stiffen the pit contents. Deep burial pits will be constructed and lined with a 12 mil. primary liner. Pit contents will be placed in lined pit. A 20 mil liner will then be placed over the pit contents with a 3' over lap of the of the underlying pit area. The capping liner will then have a min of 3' of top soil and Mud seed with the proper seed mixture placed on top. Photo's of final pit closure & surface restoration will be on file at Yates Petroleum Corporation. A 48 hour one call & notice to the Oil Conservation Division will be provided before closure actions begin.

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

Date: 11/3/2004

Printed Name/Title Mike Stubblefield Reclamation Agent

Signature Mike Stubblefield

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

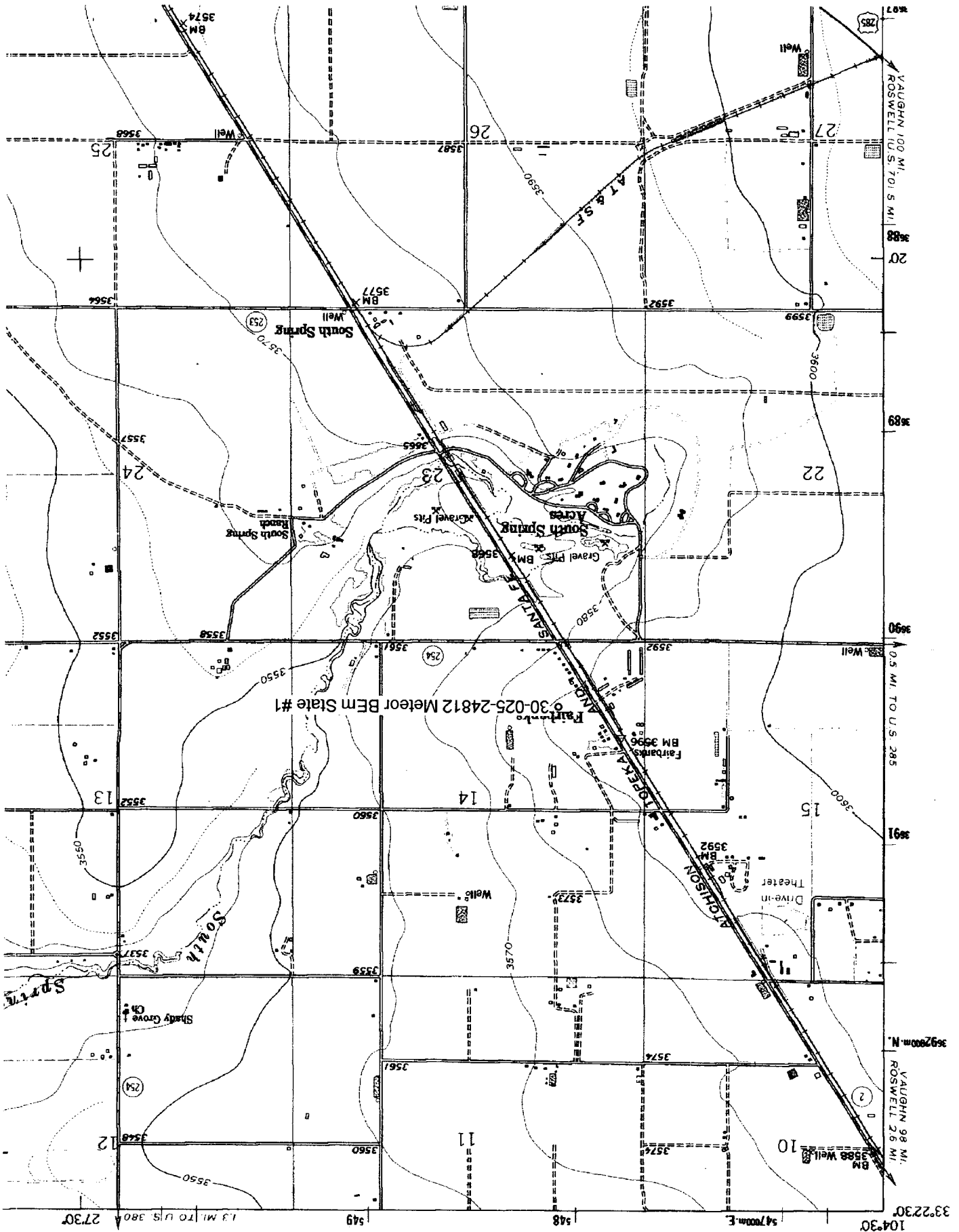
Printed Name/Title GARY W. WINK / STAFF MGR.

Signature Gary W. Wink

Date DEC 06 2004

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

ROSWELL NORTH  
5000' NE



Section 10-25-24812 Meteor BEM State #1

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

Township: 11S Range: 34E Sections:

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

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

Well / Surface Data Report

Avg Depth to Water Report

Water Column Report

Clear Form

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**WATER COLUMN REPORT 10/26/2004**

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are biggest to smallest)

Well Number	Tws	Rng	Sec	q	q	q	Zone	X	Y	Depth Well	Depth Water	Water Column
L 06394 (E)	11S	34E	03	1	1					110	80	
L 10198	11S	34E	05	2	1					60		
L 05023	11S	34E	07	2	2					140	85	
L 10201	11S	34E	07	3	2					80		
L 06458 (E)	11S	34E	08	2	1					90	32	
L 06372 (E)	11S	34E	16	1	3					124	80	
L 03137 APPRO	11S	34E	16	3	3					85	45	
L 03137	11S	34E	16	3	3					85	45	
L 06122	11S	34E	17	1	3					73	43	
L 10200	11S	34E	17	3	3					60		
L 06445 (E)	11S	34E	18	2	3					95	60	
L 06133	11S	34E	19	1	1					90	45	
L 06784	11S	34E	21							61	25	
L 10199	11S	34E	21	2	2					51		
L 00371	11S	34E	23	2	3	1				76		
L 11021	11S	34E	24	3	3	1				100		
L 00394	11S	34E	25	2	1	1				100		
L 10197	11S	34E	26	4	1					50		
L 05024	11S	34E	28	3	4					90	30	
L 10202	11S	34E	28	4	4					70		
L 10196	11S	34E	29	1	4					60		
L 05345	11S	34E	32	1	1					70	40	
L 06239	11S	34E	35	2	2					72	25	

Record Count: 23

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**AVERAGE DEPTH OF WATER REPORT 10/26/2004**

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
L	11S	34E	03				1	80	80	80
L	11S	34E	07				1	85	85	85
L	11S	34E	08				1	32	32	32
L	11S	34E	16				3	45	80	57
L	11S	34E	17				1	43	43	43
L	11S	34E	18				1	60	60	60
L	11S	34E	19				1	45	45	45
L	11S	34E	21				1	25	25	25
L	11S	34E	28				1	30	30	30
L	11S	34E	32				1	40	40	40
L	11S	34E	35				1	25	25	25

Record Count: 13