

Fonn C-103

March 4, 2004

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., 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

WELL API NO. 30-025-36322
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. LC-029410B
7. Lease Name or Unit Agreement Name Fox Federal
8. Well Number 1
9. OGRID Number 013837
10. Pool name or Wildcat Maljamar GB SA

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Mack Energy Corporation

3. Address of Operator
P.O. Box 960, Artesia, NM 88211-0960

4. Well Location
Unit Letter **J** **1650** feet from the **South** line and **2310** feet from the **East** line
Section **31** Township **17S** Range **32E** NMPM County **Lea**
11. Elevation (Show whether DR, RKB, RT, GR, etc)
3853' GR

Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)

Pit Location: UL **J** Sect **31** Twp **17S** Rng **32E** Pit type **Workover** Depth to Groundwater **116** Distance from nearest fresh water well **2** miles
Distance from nearest surface water **N/A** Below-grade Tank Location UL Sect Twp Rng ,
feet from the line and feet from the line

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENTJOB ☐
OTHER: ☐

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.

Mack Energy Corporation would like to add perforations to the Maljamar GB SA formation. After perforating we will acidize and frac this well. Attached to this sundry is a diagram of the proposed pit and C-144.

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 Jerry W. Sherrell TITLE Production Clerk DATE

Type or print name Jerry W. Sherrell E-mail address: jerrys@mackenergycorp.com Telephone No. (505)748-1288

(This space for State use)

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE JUN 09 2004
Conditions of approval, if any:

District I
1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
Energy Minerals and Natural Resources

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

Form C-144
March 12, 2004

For drilling and production facilities, submit to appropriate NMOC 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 ☒ No ☐

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

Operator: **Mack Energy Corporation** Telephone: **(505)748-1288** e-mail address: **jerrys@mackenergycorp.com**
Address: **P.O. Box 960, Artesia, NM 88211-0960**
Facility or well name: **Fox Federal #1** API #: **30-025-36322** U/L or Qtr/Qtr **J** Sec **31** T **17S** R **32E**
County: **Lca** Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☐ Surface Owner Federal ☐ State ☒ Private ☐ Indian ☐

Pit Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input checked="" type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness 20 mil Clay <input type="checkbox"/> Volume 500 bbl		Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> 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 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (0 points) 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 No	(20 points) (0 points) 0 Points
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)		Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points) 0 Points
		Ranking Score (Total Points)	0 Points

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:

onsite ☐ 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.

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

Date: **6/7/04**

Printed Name/Title: **Jerry W. Sherrell/Production Clerk**

Signature: *Jerry W. Sherrell*

Your certification and NMOC District 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.

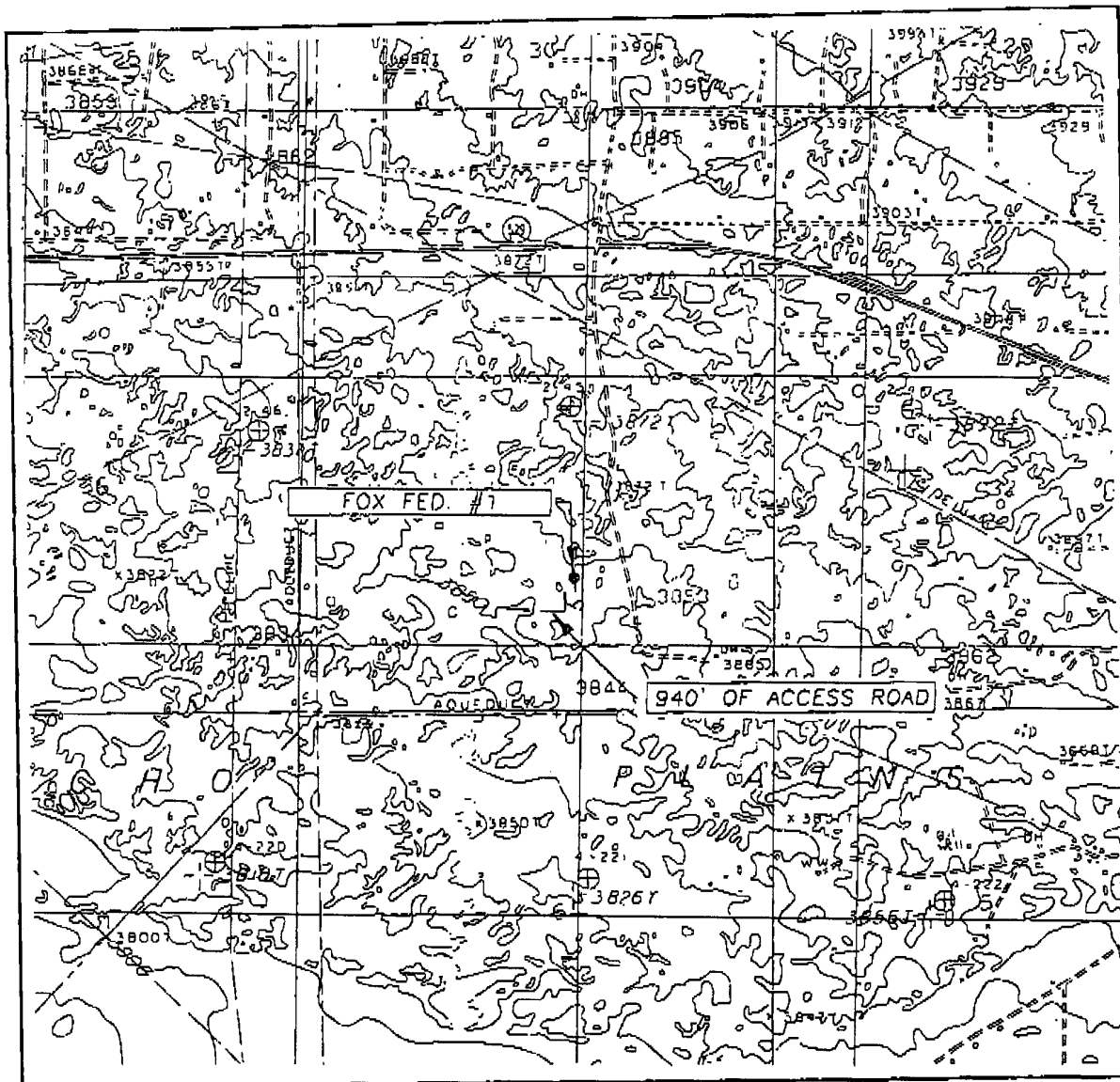
Approval:

Date: **6/7/04**

Printed Name/Title: **PETROLEUM ENGINEER**

Signature: *Paul G. King*

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

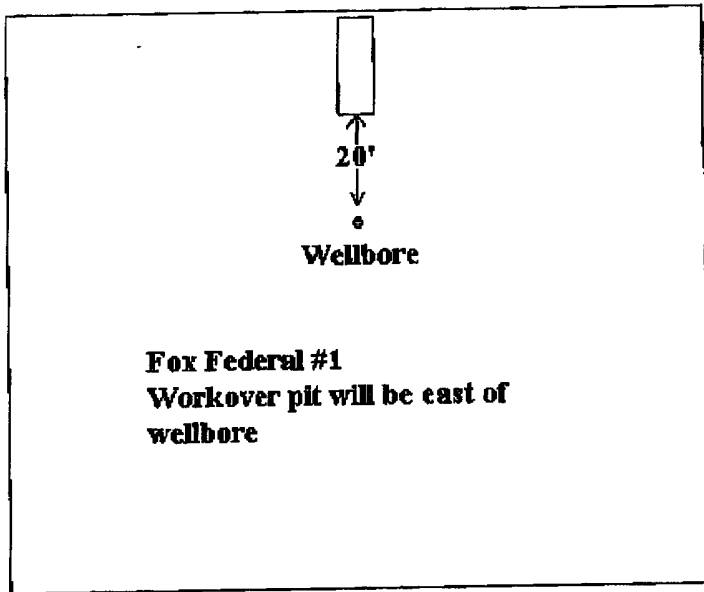
CONTOUR INTERVAL: 10'
MALJAMAR, SESEC. 31 TWP. 17-S RGE. 32-ESURVEY N.M.P.M.COUNTY LEADESCRIPTION 1650' FSL & 2310' FELELEVATION 3853'OPERATOR MACK ENERGY CORPORATIONLEASE FOX FED.U.S.G.S. TOPOGRAPHIC MAP
MALJAMAR, N.M.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

Standard workover/plugging design

10' Wide x 20' Long x 6' Deep

Lined Workover/Plugging Pit



New Mexico Office of the State Engineer

New Mexico Office of the State Engineer
Point of Diversion Summary

Back

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

POD Number	Tws	Rng	Sec	q	q	q	Zone	X	Y
RA 10175	17S	32E	29	1	2				

Driller Licence: 1044 EADES, ALAN G.
 Driller Name: EADES, ALAN
 Drill Start Date: 02/04/2002
 Log File Date: 03/06/2002
 Pump Type:
 Casing Size: 5.75
 Depth Well: 158

Source: Shallow
 Drill Finish Date: 02/04/2002
 PCW Received Date:
 Pipe Discharge Size:
 Estimated Yield:
 Depth Water:

Water Bearing Stratifications:	Top	Bottom	Description
	87	89	Shallow Alluvium/Basin Fil
	89	116	Shallow Alluvium/Basin Fil
	116	124	Shallow Alluvium/Basin Fil
Casing Perforations:	Top	Bottom	
	118	158	

Meter Number: 5380
 Meter Serial Number: 560656282
 Number of Dials: 6
 Unit of Measure: GALS
 Usage Multiplier:

Meter Make: SENSUS
 Meter Multiplier: 10
 Meter Type: Diversion
 Return Flow Percent:

Meter Readings (in Acre-Feet)							
Read Date	Year	Mtr_Reading	Flag	Rdr	Comment	Mtr_Amount	YTD_A
03/20/2002	2002	0	A	RPT		0	
05/06/2002	2002	170	A	RPT		0.0050	
02/13/2003	2002	2410	A	PRT		0.069	

http://164.64.58.140:7001/iWATERS/WellAndSurfaceDispatcher?email_address=jerrys@... 6/7/2004