

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street Artesia, NM 88210-1404
District III
1000 Rio Brazos Rd, Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994

Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address Mack Energy Corporation P.O. Box 960 Artesia, NM 88211-0960		OGRID Number 013837 API Number 30-025-28660
Property Code 34432	Property Name Ohio State	Well No. 1

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	7	18S	35E		2275	South	1969	West	Lea

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
Proposed Pool 1 Vacuum Grayhug San Andres <02180>					Proposed Pool 2				

Work Type Code E Multiple No	Well Type Code O Proposed Depth 6520	Cable/Rotary R Formation GB/SA	Lease Type Code S Contractor	Ground Level Elevation 3969' Spud Date 12/1/2005
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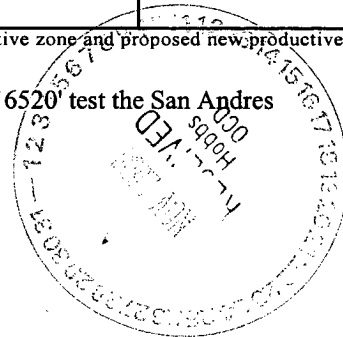
Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2	13 3/8	61	499	500	Surface
12 1/4	9 5/8	40	4822	1750	Surface
7 7/8	5 1/2	14, 17	9014	2385	1300'

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.

Mack Energy Corporation proposes to Re-enter the Ohio State #1 to a depth of 6520' test the San Andres formation, attempt to produce. Put well on production.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Re-Entry



I hereby certify that the information given above is true and complete to the best of my knowledge and belief Signature <i>Jerry W. Sherrell</i> Printed name: Jerry W. Sherrell Title: Production Clerk Date: 11/23/2004		OIL CONSERVATION DIVISION Approval by: <i>[Signature]</i> Title: PETROLEUM ENGINEER Approval Date: NOV 29 2004 Expiration Date: Conditions of Approval: Attached <input type="checkbox"/>	
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NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-1
Effective 1-4-85

State License No. _____

Federal License No. _____

All distances must be from the outer boundaries of the Section.

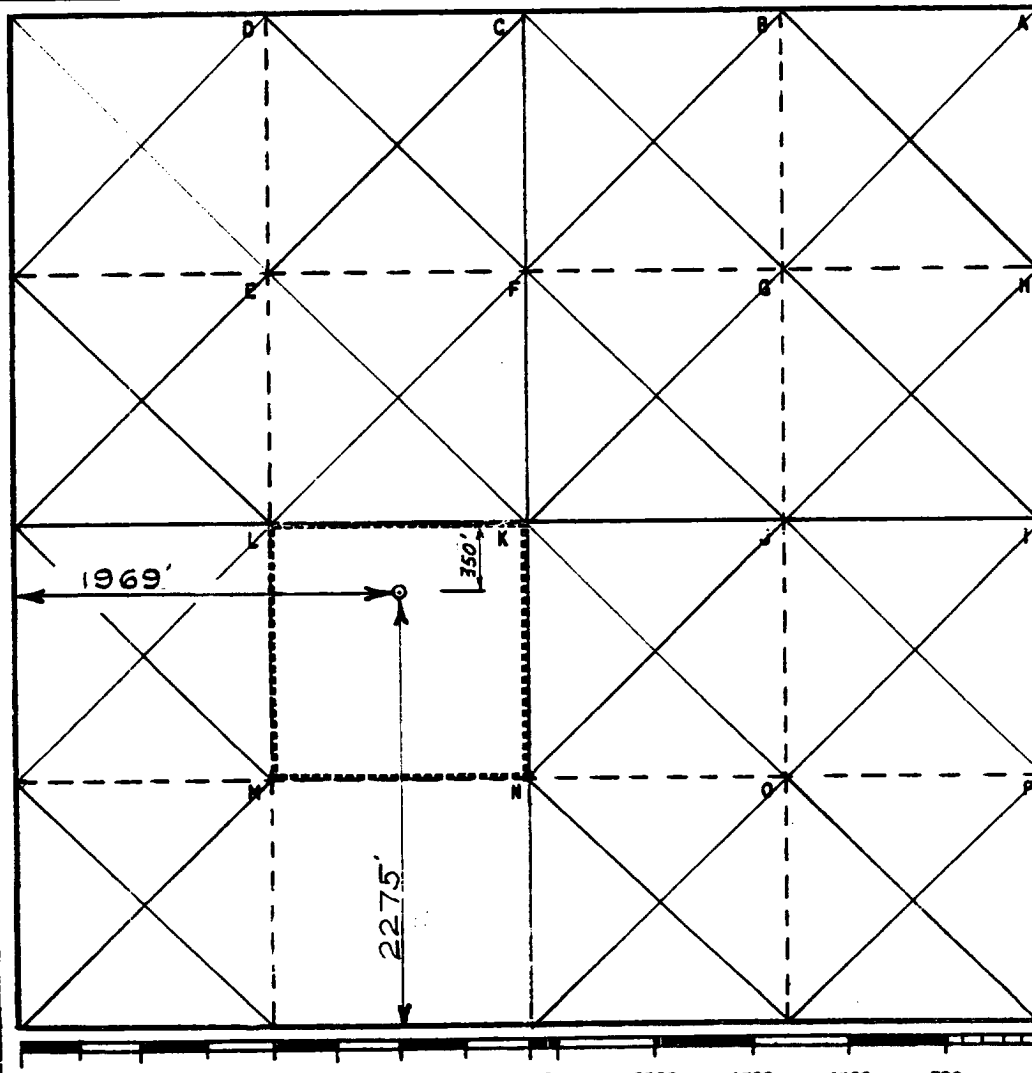
Operator MACK ENERGY CORPORATION			Lease OHIO STATE		Well No. 1
Unit Letter K	Section 7	Township 18S	Range 35E	County LEA	
Actual Footage Location of Well: 2275 feet from the SOUTH line and 1969 feet from the WEST line					
Ground Level Elev. 3968'	Producing Formation SAN ANDRES		Pool VACCUM:GRYABURG SAN ANDRES		Dedicated Acreage 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name Melba L. Lippin
Position **UNIT HEAD**
Company **Exxon Corporation**
Box 1600 Midland, Texas
Date **3-23-84**

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 knowledge and belief.

Date Surveyed **3-18-84**
Registered Professional Engineer and/or Land Surveyor

W. J. Lubman
Certificate No. **6157**

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-144
March 12, 2004

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 ☒ 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: **Ohio State #1** API #: **30-025-28660** U/L or Qtr/Qtr **K** Sec **7** T **18S** R **35E**
County: **Lea** 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 12 mil Clay <input type="checkbox"/> Volume 200 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) 10 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)	10 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 NMOCD guidelines ☐, a general permit ☒, or an (attached) alternative OCD-approved plan ☐

Date: **11/23/2004**

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

Signature: 

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:

NOV 29 2004

Date: _____

Printed Name/Title: _____

Signature: 

PETROLEUM ENGINEER

**12' Wide x 30' Long x 6' Deep
Lined Workover/Plugging Pit**



Wellbore

**Ohio State #1
Sec. 7 T18S R35E
2275 FSL & 1969 FWL**

Pit will be to the North

