

Submittit 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

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-33479
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. VO-5666
7. Lease Name or Unit Agreement Name Southern Cross 19 Com
8. Well Number 1
9. OGRID Number 013837
10. Pool name or Wildcat Wildcat Cisco-Canyon

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 P 660 feet from the South line and 660 feet from the East line
Section 19 Township 18S Range 24E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3838' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type Depth Groundwater Distance from nearest fresh water well Distance from nearest surface water

Pit Liner Thickness: mil Below-Grade Tank: Volume bb1s; Construction Material

RECEIVED
OCT 27 2004
OCD-ARTESIA

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <u> </u> <input type="checkbox"/>		OTHER: <u>Completion</u> <input checked="" type="checkbox"/>	

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.

09/08/2004 Perforated from 7333-7348' 31 holes. Acidized w/ 2000 gals 15% NEFE.
09/10/2004 Perforated from 7265-7284' 38 holes. Acidized w/2000 gals 15% NEFE.
09/17/2004 RIH w/229 joints 2 3/8" tubing set packer @ 7221'.

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 NMOCD guidelines ☐ a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Jerry W. Sherrell TITLE Production Clerk DATE 10/26/2004

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

For State Use Onl

APPROVED BY: FOR RECORDS ONLY TITLE DATE OCT 31 2004
Conditions of Approval (if any):

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87505

Form C-105
Revised 1-1-89

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.
30-015-33479

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
VO-5666

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well:
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____
b. Type of Completion:
NEW WELL ☒ WORK OVER ☐ Deepen ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER **RECEIVED**

7. Lease Name or Unit Agreement Name

Southern Cross 19 Com

2. Name of Operator
Mack Energy Corporation

OCT 27 2004

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

8. Well No.

1

Pool name or Wildcat
Rio Penasco; u/Penn
Wildcat Cisco Canyon
97404

Unit Letter **P** : **660** Feet From The **South** Line and **660** Feet From The **East** Line

Section **19** Township **18S** Range **24E** NMPM **Eddy** County

10. Date Spudded **7/16/2004** 11. Date TD Reached **8/13/2004** 12. Date Compl. (Ready to Prod.) **9/17/2004** 13. Elevations (DF & RKB, RT, GR, etc.) **3854' RKB** 14. Elev. Casinghead **3838'**

15. Total Depth **7575** 16. Plug Back TD **7563** 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By **Rotary Tools Yes** Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name
7265-7348', Cisco-Canyon 20. Was Directional Survey Made **Yes**

21. Type Electric and Other Logs Run
Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray 22. Was Well Cored **No**

23.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24	1219	12 1/4	805	None
5 1/2	17	7560	7 7/8	1728	None

24. **LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	7221	7221

25. **TUBING RECORD**

26. Perforation record (interval, size, and number)

7265-7348', .45, 69

27. **ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.**

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7265-7284'	2000 gals 15% NEFE
7333-7348'	2000 gals 15% NEFE

28. **PRODUCTION**

Date First Production 9/30/2004	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing					Well Status (Prod. or Shut-in) Producing	
Date of Test 10/19/2004	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 0	Gas - MCF 20	Water - Bbl. 47	Gas - Oil Ratio 0
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 0	Gas - MCF 20	Water - Bbl. 47	Oil Gravity - API - (Corr.) N/A	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Robert C. Chase

30. List Attachments

Deviation Survey and Logs

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature **Jerry W. Sherrell** Printed Name **Jerry W. Sherrell** Title **Production Clerk** Date **10/26/2004**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 1742	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 3084	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____ 3760	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 5126	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permain _____	T. _____
T. Cisco (Bough C) _____ 6193	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet

No. 2, from to feet

No. 3, from to feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

From	To	Thickness in Feet	Lithology



Artesia Fishing Tool Co., Inc.

Oil Well Drilling Contractors
PO Box 1370 Artesia, NM 88211-1370
505/746-6651 746-3518 fax 748-2205

August 19, 2004

Mack Energy Corporation
PO Drawer 960
Artesia, NM 88211-0960

RE: Southern Cross 19 Com #1
660' FSL & 660' FEL
Sec. 19, T18S, R24E
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

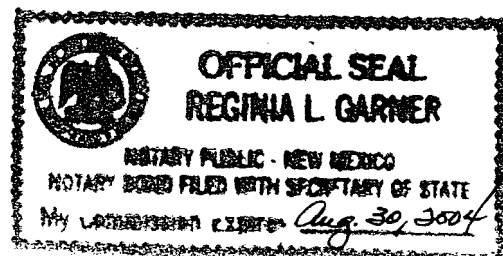
DEPTH	DEVIATION	DEPTH	DEVIATION
314'	1°	4355'	2°
562'	1 1/2°	4511'	2 3/4°
748'	1°	4636'	2 1/2°
905'	1 1/4°	4760'	2 1/2°
1089'	1 1/4°	5132'	1°
1224'	1°	5566'	1/4°
1404'	1°	5971'	1°
1746'	1°	6287'	1°
2241'	1/2°	6716'	1 1/4°
2738'	3/4°	7213'	3/4°
3208'	3/4°	7459'	1 1/4°
3548'	3/4°	7555'	1 1/2°
3985'	1 1/2°	7575'	1 1/2°

Very truly yours,

Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 19th day of August, 2004.

Notary Public

04-1290

Serving Southeast New Mexico and West Texas Since 1974