State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco

Form C-105
Revised 1-1-89

WELL API NO.

30-015-34495

DISTRICT II 811 South First, Arte	sia, NM 88210		Santa F	e, New N	Лехіс	co 875	505		5. Indicate	Type of I		E X	FEE
DISTRICT III 1000 Rio Brazos Rd.,	Aztec, NM 87410								6. State Oil E-742	& Gas Leas	e No.		
WELL	COMPLETIO	N OR RE	COMPLE	TION REP	PORT	AND L	.OG	300					
1. Type of Well: OIL WELL	GAS WE	LL	DRY	OTHER					7. Lease N	ame or Ur	nit Agreer	nent Na	ime .
b. Type of Completion NEW WORK WELL OVER	: [PLUG BACK	53	DIFF RESVR OT	HER	RE	CEIVE		Mesquite	State			
2. Name of Operator						APR	2 5 200	16	8. Well No	D.			
COG Operating LLO						-يانياب	AATE	GIV.	9. Pool na	me or Wil	dcat		
550 W. Texas, Suite		TX 797	01					1	Empire; Y			0	
4. Well Location	1500,1110.001	-, / /											
Unit Letter	<u>K</u> : 23	10 Fee	t From The _	Sou	th	Lin	e and	231	0 Fe	et From Ti	he	Wes	St Line
Section	20	Tov	vnship	17S	Range	e	29E	NI	МРМ		Eddy		County
10. Date Spudded	11. Date TD Re	ached	12. Date Co	ompl. (Ready to	o Prod.)		13. Elevati	ons (DF	& RKB, RT	GR, etc.)) 14.	Elev. C	Casinghead
2/5/2006	2/20/20		<u> </u>	3/11/2006	5		,	36	3636' RKB			36	523' GR
15. Total Depth	16. Plug	Back TD		17. If Multiple Con Many Zones?	npl. How			ntervals rilled By				ools	
6020	c) of this complet	5349	attom Name	_								1.0	
1448-5166.5', Yeso	s), or this complet	.он - тор, в	ottoni, Name							20. Wa	s Directio	Yes	vey Made
21. Type Electric and C Gamma Ray, Neutro	-	teralog, Si	pectral Gan	nma Ray					22. Was	Well Core	ed No		
23.						4 all a4		a4 : m :					
CASING SIZE	WEIGHT			CORD (F		<u>t all si</u> OLE SIZ	_		,	- PECOE	<u> </u>		JUNIT DILL EI
13 3/8, H-40	48 48		·	69	<u></u>	17 1/2	LE	<u>CE</u>	MENTING 400		ω	AMC	DUNT PULLEI None
8 5/8, J-55		24 831			12 1/4				500sx			 	None
5 1/2, J-55	12			12		7 7/8			1440				None
			<u> </u>										
24.		LIN	ER RECOI	RD				25.		TUBING	3 RECC	RD	
SIZE	ТОР	BC	ОТТОМ	SACKS CE	MENT	SC	REEN				DEPTH SE	ET	PACKER SET
									2 7/8		5168		
6. Perforation reco	ord (interval c	ize and r	umber)	<u></u>		27	ACID S	HOT	FRACTU	PE CE	MENT	SOLU	EEZE, ETC.
	5484-5715', .42	•	,				TH INTER						
•	3404-3713, .42	,, 54 CIL	n (6) 3304				5166.5',						
4448-5166.5', .42, 98													
		_											
28.				PRODU									
Date First Production		Production	on Method (F	lowing, gas lif				ump)		W		•	or Shut-in)
3/15/2006				2 1/2" x								Produc	
Date of Test	Hours Tested	- 1	Choke Size	Prod'n For		Oil - Bbl.	1	Gas - M		Water-	ļ	1	Gas - Oil Ratio
4/17/2006	24 hour		Calculated 24-	Oil - Bbl.		70	- MCF	90	ater-Bbl.	410		A DI	1286
Flow Tubing Press.	Casing Pressu		lour Rate	70		90	- MCF	410	alei- Dui.		il Gravity	' - AFI -	(Corr.)
9. Disposition of Gas (Sold, used for fuel,	vented, etc.		1, ,				1110	Tes	t Witnesse	d By		
Sold											Robert (C. Chas	se
0. List Attachments						 -							
Deviation Survey an													
1. I hereby certify th	at the information	on shown o	on both sides	of this form	is true	and con	nplete to	the besi	t of my kno	owledge a	ınd beliej	f	
Signature	me W.	Shome		inted ame	Jerry '	W. Shei	тell	Títle	. Prod	luction C	Clerk	Date	4/24/2006
		<u></u>	INS	A111C								_ ~~~.	

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

				vestern New M						
			T. Canyon	-	lamo _		T. Penn. "B"			
			T. Strawn				T. Penn. "C"			
B. Salt		803	T. Atoka				T. Penn. "D"			
T. Yates_		1075	T. Miss				T. Leadville			
T. 7 Rive		T. Devonian				T. Madison				
T. Queen	2027	T. Silurian				T. Elbert				
T. Graybu		T. Montoya				T. McCracken				
T. San An	2318	T. Simpson				T. Ignacio Otzte				
T. Gloriet		T. McKee				T. Granite				
			T. Ellenburger				T			
			T. Gr. Wash				T			
			T. Delaware Sand				T			
T. Drinka	ırd		T. Bone Springs	T. Entrad			T			
T. Abo		·	T				T			
T. Wolfca	amp		T				T			
T. Penn_			T	T. Perma	in		T			
T. Cisco (Bough C) T.			T. Penn "	'A"		T				
			OIL OR	GAS SANDS OF	R ZON	ES				
No. 1, fro	m		to	No.3,	No.3, fromto					
No. 2, fro	om		····· to	No. 4,	from		to			
			IMPORT	CANT WATER	SAND	S				
Include da	ata on ra	ate of water in	nflow and elevation to which w	ater rose in hole.						
						feet	••••			
							••••••			
					feet					
1.0.0, 110										
		<u>l</u>	LITHOLOGY RECORI							
From	То	Thickness in Feet								
From	То	Thickness	LITHOLOGY RECORI	D (Attach addit	ional	sheet if ne	cessary)			

LEM DRILLING, ING.

OIL WELL DRILLING CONTRACTORS

PO BOX 1370 ARTESIA, NEW MEXICO 88211-1370
(505) 746-4405 746-3518 748-2205

February 27, 2006

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

RE:

Mesquite State #14 2310' FSL & 2310' FWL Sec. 20, T17S, R29E Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION	DEPTH	DEVIATION
152'	1/4°	2424'	1°
335'	1°	2890'	1/2°
511'	1 1/ 4 °	3326'	1/2°
600'	1 1/4°	3791'	1°
722'	1°	4231'	3/4°
835'	1°	4690'	1°
921'	1°	5125'	1°
1077'	3/4°	5592'	3/4°
1515'	1/2°	6020'	1/2°
1955'	3/4°		

Very truly yours,

Eddie C. LaRue Vice President

STATE OF NEW MEXICO COUNTY OF EDDY

Notary Public

The foregoing was acknowledged before me this 27th day of February, 2006.

REGINIA NOTARY P

OFFICIAL SEAL REGINIA L. GARNER NOTARY PUBLIC - STATE OF NEW MEXICO

My commission expires acq. 30, 3008