

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NM OIL CONS. COMMISSION  
Drawer DD  
Artesia, NM 88210  
SUBMIT IN DUPLICATE  
(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

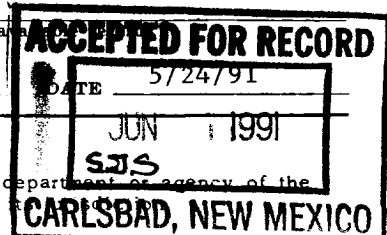
458

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>										
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESER. <input type="checkbox"/>	Other <input type="checkbox"/>								
2. NAME OF OPERATOR		Mitchell Energy Corporation													
3. ADDRESS OF OPERATOR		P. O. Box 4000, The Woodlands, TX 77387-4000													
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*		At surface 430' FNL & 1980' FEL At top prod. interval reported below SAME At total depth same													
14. PERMIT NO.		DATE ISSUED													
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD							
4/22/91		5/2/91		5/20/91		3385' GR		3386'							
20. TOTAL DEPTH, MD & TVD		21. PLUG. BACK T.D., MD & TVD		22. IF MULTIPLE COMPL. HOW MANY*		23. INTERVALS DRILLED BY		24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*							
3950'		3455'				X		3393-3429' Delaware							
26. TYPE ELECTRIC AND OTHER LOGS RUN		GR-DLL-CNL-CBL				25. WAS DIRECTIONAL SURVEY MADE									
						Yes									
27. WAS WELL CORED		Yes - sidewall													
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
13 3/8"		54.5		412'		17 1/2"		445 sx C1 C							
5 1/2"		15.5		3935'		11" & 7 7/8"		450 sx C1 C Lite + 1100		sx C1 C					
29. LINER RECORD										30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
										2 7/8"		3377'			
31. PERFORATION RECORD (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
3393-3429' (19 holes)										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
3459-63' (5 holes) plugged back										3459-63'		500 gal 15% NEFE			
										3393-3429'		3000 gal 7 1/2% NEFE & 60,200#			
												12/20 sand + 12,660 gal gel &			
												37 tons CO <sub>2</sub>			
33.* PRODUCTION															
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)							
5/21/91		flowing						Producing							
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO	
5/23/91		24		48/64		→		41		-		400		-	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)			
-		50		→		41		-		TSTM		400		41°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)										TEST WITNESSED BY					
vented										SJS					
35. LIST OF ATTACHMENTS															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.															
SIGNED		James Blasen				TITLE		Engineer							

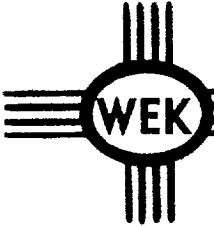
\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within the jurisdiction of such department or agency.



37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
B/Salt	555		Sd			
Yates	1037		Sd			
Queen	1600		Sd			
Grayburg	1993		Dol			
Delaware	2957		Sd, Dol			
Bone Spring	3839		Dol, Lm			



KEN REYNOLDS—PRESIDENT  
ARNIE NEWKIRK—VICE-PRESIDENT

DRILLING CO., INC. — OIL WELL DRILLING CONTRACTORS

P. O. Box 1498 ROSWELL, NEW MEXICO 88202-1498  
505/623-5070 505/746-2719  
ROSWELL, NM ARTESIA, NM

RECEIVED

JUN 07 1991

May 06, 1991

O. C. D.  
ARTESIA, OFFICE

Mitchell Energy Corporation  
Suite 1000  
400 W. Illinois  
Midland, Texas 79701

REF: Angel Ranch Fed "6" #1

Gentlemen:

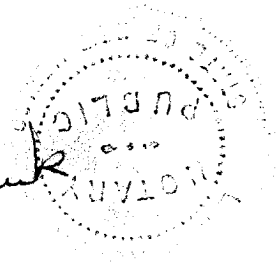
The following is a Deviation Survey on the above referenced well located  
in Eddy county, New Mexico.

412' - 1/2°  
648' - 1°  
1136' - 1°  
1377' - 1°  
1613' - 1 1/4°

2084' - 1°  
2450' - 1/2°  
2947' - 1/2°  
3438' - 1/2°  
3950' - 1/2° TD

Sincerely,

  
Arnold Newkirk  
Vice-President



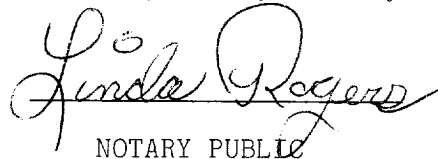
STATE OF NEW MEXICO)

COUNTY OF CHAVES )

The foregoing was acknowledged before me this 06th day of May 1991 by  
Arnold Newkirk.

MY COMMISSION EXPIRES

October 07, 1992

  
NOTARY PUBLIC