

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Expires August 31, 1985

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—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	5. LEASE DESIGNATION AND SERIAL NO. Contract 362
2. NAME OF OPERATOR Cenergy Exploration Co.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla
3. ADDRESS OF OPERATOR 10210 Central Place, Dallas, TX 75231	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1090' FNL & 1120' FEL	8. FARM OR LEASE NAME Florance
14. PERMIT NO.	9. WELL NO. #5
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6882' GL FARMINGTON RESOURCE AREA	10. FIELD AND POOL, OR WILDCAT Undesignated P.C.
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 7, T23N, R4W
	12. COUNTY OR PARISH Rio Arriba
	13. STATE New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

See Attached Sheets.

RECEIVED  
SEP 21 1984  
OIL COMMISSION  
DIST. 6

18. I hereby certify that the foregoing is true and correct

SIGNED Kevin H. McLeod TITLE Agent DATE 9-14-84

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

SEP 20 1984

\*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA  
RV Sm



KM PRODUCTION COMPANY  
P.O. Box 2406  
Farmington, NM 87401  
(505) 325-6900

CENERGY EXPLORATION  
Florance #5

- 8-28-84 Move in Monument Well Service Rig #103. Nipple up BOP. Pick up 79 joints of 1½" 2.90#/ft J-55 EUE tubing and go in the hole to 2695 feet. SDFN.
- 8-29-84 Rig up the Western Company. Pressure test casing and wellhead to 2500 psi. Held OK for 5 minutes. Circulate hole clean with 2% KCL water. Move tubing to 2536 feet. Spot 250 gallons of 7½% D.I. HCL acid. Trip tubing out of hole. Rig up Basin Perforators. Ran Gamma Ray-CLL from GR log corrected PBTD of 2869 to 2850 feet. Perforated Pictured Cliffs interval with 3-1/8" casing gun and 2JSPF as follows:

2516-2528	12'	24 holes
2530-2536	6'	12 holes
	18'	36 holes (.39" diameter)

Tripped in the hole with 1½" X 3" swedge on tubing. Set at 2354 feet. Broke down perforations immediately. Established a rate of 5 BPM @ 2500 psi down the 1½" tubing. ISIP = 400 psi. Acidized the Pictured Cliffs interval with 500 gallons of 7½% D.I. weighted HCL acid containing 54 l.l s.g. RCN ball sealers. Acidized at 3 BPM @ 1100 psi, saw some ball action (pressure increases, but no breakbacks). Balled off perfs to 2500 psi, surged ball sealers off perforations and displaced remaining 2 bbls of acid. Final flow rate 1 BPM @ 600 psi, ISIP = 400 psi. Moved tubing to 2661 feet to knock ball sealers off of perforations. Rigged up the Western Company nitrogen. Unloaded casing with 18,400 SCF of nitrogen. Tripped tubing out of hole. Fracture stimulated Pictured Cliffs interval with 37,500 gallons of 70 quality foam with 2% KCL water containing 45,000 lbs of 10-20 sand as follows:

10,000 gallons of 70 quality foam pad	25 BPM @ 1500 psi
10,000 gallons of 1 ppg 10-20 sand	25 BPM @ 1500 psi
17,500 gallons of 2 ppg 10-20 sand	25 BPM @ 1550 psi
1,680 gallons of 70 quality foam flush	25 BPM @ 1500 psi

ISIP = 1200 psi  
5 minute shut-in = 1200 psi  
10 minute shut-in = 1100 psi  
15 minute shut-in = 1100 psi

- 8-29-84 Average Rate 25 BPM - Average Pressure 1500 psi. Maximum Pressure (cont.) 1550 psi - Minimum Pressure 1500 psi. Average Nitrogen Rate 9625 SCF/Min. Total nitrogen pumped during frac 359,013 SCF. Total fluid pumped during frac 279 bbls. Shut well in for 3 hours. Flow well back through  $\frac{1}{2}$ " tap bullplug to cleanup. SDFN.
- 8-30-84 Well flowing wet gas to the pit through tap bullplug. Well has brought back a moderate amount of sand. Well starting to slug fluid near the end of the day. Well left flowing to the pit to cleanup. SDFN.
- 8-31-84 Well flowing flammable gas to the pit. Gas still has fluid in it. Placed orifice tester on the gas flow - reading 11 psig on a  $\frac{1}{2}$ " choke which is 32 MCFGPD. Opened casing valves to blow down well. Tripped in hole with  $1\frac{1}{2}$ " tubing. Tagged sand fill at 2695' RKB (159 feet of rathole, 174 feet of sand fill). Landed  $1\frac{1}{2}$ " tubing in Pictured Cliffs perforations as follows:

DESCRIPTION	LENGTH	DEPTH
KB to landing point	4.00	0-4
Donut assembly	.50	4-5
2-3/8" EUE landing sub	2.04	5-6
2-3/8" X $1\frac{1}{2}$ " Xover nipple	.85	6-7
73 joints $1\frac{1}{2}$ " 2.9#/ft. J55 EUE tbg.	2488.60	7-2496
1 $1\frac{1}{2}$ " seating nipple	.75	2496-2497
1 joint $1\frac{1}{2}$ " tail joint	34.10	2497-2531

Nipple down BOP. Nipple up wellhead. Well kicked off flowing wet gas and slugging fluid on its own. Gauged gas flow reading 10 psig on  $\frac{1}{2}$ " choke which is 31 MCFGPD. Left well flowing to the pit to cleanup. SDFN.

- 9-1-84 Well flowing stronger. Reads 6 psig on a  $\frac{3}{4}$ " orifice which is 194 MCFGPD. Well had unloaded a considerable amount of water. Flowing dry gas at this time. Shut well in for 7 days for AOF test. SDFN.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other In-  
structions on  
reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" 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						Jicarilla	
Robert L. Bayless						UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR						Jicarilla 362 B	
P.O. Box 168, Farmington, NM 87499						9. WELL NO.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						#1	
At surface 1090' FNL & 1120' FEL						10. FIELD AND POOL, OR WILDCAT	
At top prod. interval reported below same						Ballard Pic. Cliffs	
At total depth same						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
						Sec. 7, T23N, R4W	
14. PERMIT NO. BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA						12. COUNTY OR PARISH	13. STATE
						Rio Arriba	NM
15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DP, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD		
7-12-84	7-16-84	9-1-84	6888' KB		6882' GL		
20. TOTAL DEPTH, MD & TVD	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS		
2900'	2869'			0-TD			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE	
Pictured Cliffs 2516-2536						no	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
GR-CLL, Dual Induction, Density-Neutron Logs						no	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
7-5/8"	26.4	106'	9-7/8	60 ft <sup>3</sup> (51 sx) Class B 2% CaCl <sub>2</sub>			
4-1/2	10.5#	2900'	6-1/4	413 ft <sup>3</sup> (350 sx) Class B Neat			
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/2"	2531	none
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
2516-2528 12' 24 holes				DEPTH INTERVAL (MD)			
2530-2536 6' 12 holes				AMOUNT AND KIND OF MATERIAL USED			
18' 36 holes				2516-2536			
.39" diameter				250 gals 7 1/2% D.I. HCL acid			
				500 gals 7 1/2% D.I. HCL acid w/54			
				RCN ball sealers. 18,400 SCF			
				nitrogen. Frac w/37,500 gals 70			
				quality foam w/2% KCL water w/			
33.* PRODUCTION				45,000			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in)		45,000	
8-30-84		Flowing		shut-in		lbs of	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	CAR-OIL RATIO
9-19-84	24	1 1/2"		0	65	--	10-20
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
74	250		0	519 hcf	--	--	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
To be sold						K.H. McCord	
35. LIST OF ATTACHMENTS						ACCEPTED FOR RECORD	

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.

SIGNED [Signature] TITLE Operator DATE 1-30-85

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

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.
Ojo Alamo Pic. Cliffs	2040 2510	2510 2536	Fresh Water Natural Gas

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo Pic. Cliffs	2040' 2510'	2040' 2510'