

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other COALBED METHANE

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other _____

3. NAME OF OPERATOR

J.K. EDWARDS ASSOCIATES, INC.

4. ADDRESS AND TELEPHONE NO. 303/298-1400

1331-17TH STREET, SUITE 710, DENVER, COLORADO 80202

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1675' FNL, 1850' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. _____ DATE ISSUED _____

RECEIVED

MAY 13 1993

OIL CON. DIST. 3

6. LEASE DESIGNATION AND SERIAL NO.

NM-61

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

8. UNIT AGREEMENT NAME

N/A

9. FARM OR LEASE NAME, WELL NO.

COWSAROUND #36-7

10. API WELL NO.

30-045-28286

11. FIELD AND POOL, OR WILDCAT

BASIN (FRUITLAND COAL)

12. SEC. T., R., M., OR BLOCK AND SURVEY

SECTION 36

T26N-R12W

13. COUNTY OR PARISH

SAN JUAN

14. STATE

NM

15. DATE SPUDDED

10/12/90

16. DATE T.D. REACHED

10/16/90

17. DATE COMPL. (Regrd. to Prod.)

5/5/93

18. ELEVATIONS (DF. RKB, RT, GR, ETC.)*

6260' GL

19. ELEV. CASINGHEAD

6262' GL

20. TOTAL DEPTH, MD & TVD

1385'

21. PLUG BACK T.D., MD & TVD

1371'

22. IF MULTIPLE COMPL., HOW MANY*

1

23. INTERVALS DRILLED BY

ROTARY TOOLS

10'-1385'

24. CABLE TOOLS

25. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

BASIN FRUITLAND COAL 1243'-1258'

26. WAS DIRECTIONAL SURVEY MADE

YES

27. TYPE ELECTRIC AND OTHER LOGS RUN

DUAL SPACED NEUTRON II, DUAL INDUCTION SHORT GUARD

28. WAS WELL CORRED

NO

29. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
7" J-55	23#	120'	8-3/4"	50SK "B" 2% CACL	
4 1/2" J-55	9.5#	1371'	6 1/2"	90SK 65/35 POZ 12% GEL 1SK/FLOWSEAL	
				40SK "B" 1SK/FLOWSEAL	

30. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/2"	1236'	N/A

31. PERFORATION RECORD (Interval, size and number)

1243'-1258'
2 JSPF .50" HOLES
31 HOLES

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1243'-1258'	SEE ATTACHED

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Flowing or shut-in)	
WELL IS CAPABLE		OF COMMERCIAL PRODUCTION				SHUT-IN GAS WELL	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
			→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
		→					

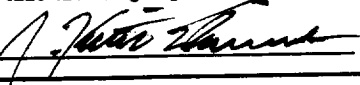
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

WAITING ON FIRST DELIVERY

35. TEST WITNESSED BY

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

SIGNED



TITLE

J. KEITH EDWARDS
PRESIDENT

ACCEPTED FOR RECORD

*(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 its jurisdiction.

NMOC

FARMINGTON DISTRICT OFFICE

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38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH

Edwards and Associates, Inc.
Cowsaround 36 # 7

3/13/93

Move in, rig up Bauco to pressure test casing. Test to 3000 psi for 30 minutes. Held pressure. Rig down Bauco. Nipple up wellhead with frac head. Rig up Great Guns Logging for perforating. Run VDL-CSL. Bond 95 - 100%. Perforate 1243-1258 with 2 JSPF using .50 inch holes for a total 31 holes. Rig up Western Company to frac. Frac as follows at 15 BPM:

12,500 gals.	70 qual. foam	pad	
3,000 gals.	70 qual. foam	1/2 ppg.	20/40 sand
4,000 gals.	70 qual. foam	1.0 ppg.	20/40 sand
5,000 gals.	70 qual. foam	1.5 ppg.	20/40 sand
6,000 gals.	70 qual. foam	2.0 ppg.	20/40 sand
4,000 gals.	70 qual. foam	2.5 ppg.	20/40 sand
750 gals.	20# linear gel		

Total 34,000 gals. 70 qual. foam 35,000#'s 20/40 sand
Total 11,500 gals gelled water to recover.
Shut-in two hours begin flowback on 1/4" choke. Flow to pit overnight.

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):					38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		NAME	MEAS. DEPTH	TRUE VERT. DEPTH
OJO ALAMO	262'	394'	SANDSTONE				
KIRTLAND	394'	1005'	SHALE & SANDSTONE				
FRUITLAND	1005'	1238'	COAL, SILT & SANDSTONE				
BASAL COAL	1238'	1270'	COAL				
PC	1270'		SANDSTONE				