

THE APPLICATION OF AMOCO PRODUCTION
COMPANY FOR A DUAL COMPLETION

ORDER NO. MC-2778

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 112-A, Amoco Production Company made application to the New Mexico Oil Conservation Division on March 16, 1981, for permission to dually complete its Jicarilla Contract 155 Well 20E located in Unit C of Section 29, Township 26 North, Range 5 West, NMPM, Rio Arriba County, New Mexico, in such a manner as to permit production of gas from the Otero Chacra formation adjacent to the Otero Chacra Pool and from the Basin Dakota Pool.

Now, on this 20th day of April, 1981, the Division Director finds:

- (1) That application has been filed under the provisions of Rule 112-A of the Division's Rules and Regulations;
- (2) That satisfactory information has been provided that all operators of offset acreage have been duly notified;
- (3) That no objections have been received within the waiting period as prescribed by said rule;
- (4) That the proposed dual completion will not cause waste nor impair correlative rights; and
- (5) That the mechanics of the proposed dual completion are feasible and consonant with good conservation practices.

IT IS THEREFORE ORDERED:

That the applicant herein, Amoco Production Company, be and the same is hereby authorized to dually complete its Jicarilla Contract 155 Well No. 20E located in Unit C of Section 29, Township 26 North, Range 5 West, NMPM, Rio Arriba County, New Mexico, in such a manner as to permit production of gas from the Otero Chacra formation adjacent to the Otero Chacra Pool and the Basin Dakota Pool through parallel strings of tubing.

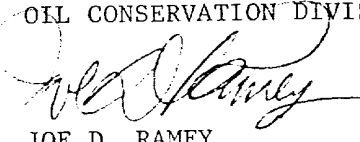
PROVIDED HOWEVER, That applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A.

PROVIDED FURTHER, That applicant shall take packer-leakage tests upon completion and annually thereafter.

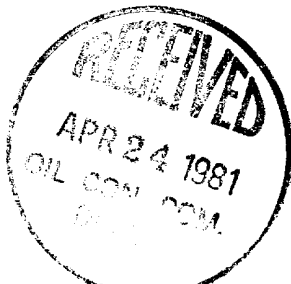
IT IS FURTHER ORDERED: That jurisdiction of this cause is hereby retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


JOE D. RAMEY
Division Director

SEAL





STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE 3-18-81

RE: Proposed MC α
Proposed DHC _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated 3-13-81
for the Amoco Jicarilla Contract 155 #20E C-29-26N-5W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours truly,

Frank T. Chang

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

5-1-61

Operator Amoco Production Company		County Rio Arriba		Date 3/10/81
Address 501 Airport Drive, Farmington, New Mexico		Lease Jicarilla Contract 155		Well No. 20E
Location of Well	Unit C	Section 29	Township 26N	Range 5W

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES _____ NO X
2. If answer is yes, identify one such instance: Order No. _____ ; Operator Lease, and Well No.: _____

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Otero Chacra		Basin Dakota
b. Top and Bottom of Pay Section (Perforations)	3952'-4050'		7270'-7454'
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

4. The following are attached. (Please check YES or NO)

- | | | |
|-------------------------------------|--------------------------|---|
| Yes | No | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.* |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.) |

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

El Paso Natural Gas, P. O. Box 990, Farmington, New Mexico 87401

Tenneco Oil Exploration and Production, P. O. Box 3249, Englewood, Colorado 80155

Marathon Oil Company, P. O. Box 2659, Casper, Wyoming 82602

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO _____. If answer is yes, give date of such notification March 10, 1981.

CERTIFICATE: I, the undersigned, state that I am the District Superintendent of the Farmington District of Amoco Production Co. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

R. W. Schroeder
Signature

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

TOTAL OF 60' OF BLAST
JOINTS ACROSS CHACRA

CHACRA 3952

4050

DV TOOL @ 4089'

DAKOTA 7270'

7454'

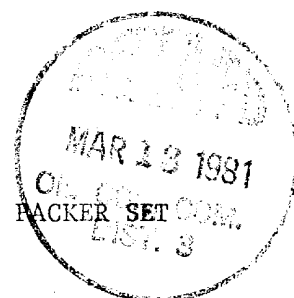
9-5/8" 32.3# K-55 ST & C
CSA 326' X 240 SX CMT

2-1/16" 3.4# J-55 EUE 10RT tbg
@ 4060'

BAKER MODEL D PACKER SET COM.
@ 7215'

2-3/8" 4.7# J-55 tbg @ 7447'

7" 23# N-80 LT & C
CSA 7520' X 1195 SX CMT



CENTRALIZERS RUN EVERY OTHER JOINT FROM TD TO 7000' AND FROM DV TOOL TO 3700'.

Amoco Production Company

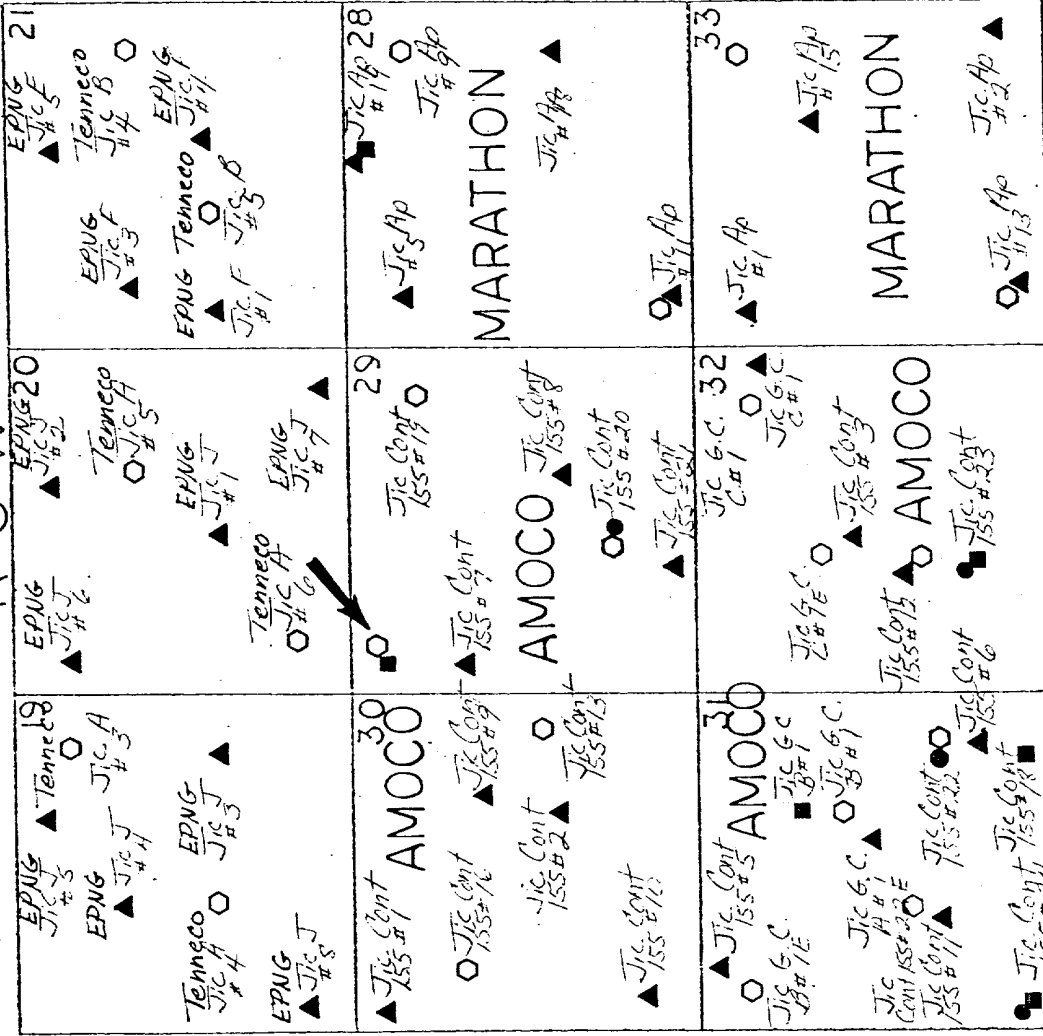
JICARILLA CONTRACT 155 No. 20E

SCALE:

OPG.
NO.

R 5 W

T 26 N



○ BASIN DAKOTA WELLS

▲ SOUTH BLANCO PICTURED CLIFFS WELLS

■ OTERO CHACRA WELLS

● GONZALES MESAVERDE WELLS



WIRELINE SERVICES
GEARHART-OWEN

INDUCTION ELECTRICAL LOG

FILING NO.

COMPANY AMOCO PRODUCTION COMPANY

WELL JICARILLA CONTRACT 155 NO. 20 E

D BASIN DAKOTA

COUNTY RIO ARriba STATE NEW MEXICO

LOCATION: 810' FNL x 1700' FWL

Other Services

CDL CNL GR

SEC 29 TWP 26N RGE 5W

Permanent Datum GROUND LEVEL Elev. 6637
Log Measured from K. B. 13 Ft. Above Permanent Datum
Drilling Measured from K. B.

Elevations:

KB 6700

DF 6690

GL 6637

Date	9-21-80				
Run No.	One				
Depth-Driller	7563				
Depth-Logger	7561				
Depth-Logged Interval	7560				
Depth-Logged Interval	316				
Depth-Driller	9 5 8 @ 326	@	@	@	@
Depth-Logger	316				
Bit Size	8 3 4				
Type Fluid in Hole	L. S. D. N.				
Density and Viscosity	9.1 42				
Gain and Fluid Loss	9.0 6.0 cc	cc	cc	cc	cc
Source of Sample	Mud Pit				
Run @ Meas. Temp.	2.4 @ 65 °F	@ °F	@ °F	@ °F	@ °F
Run @ Meas. Temp.	2.6 @ 64 °F	@ °F	@ °F	@ °F	@ °F
Run @ Meas. Temp.	1.9 @ 65 °F	@ °F	@ °F	@ °F	@ °F
Run @ Rest and Rinc	M M				
Run @ SRT	1.1 @ 148 °F	@ °F	@ °F	@ °F	@ °F
Run Circulation	02:30				
Run Logger on Bottom	08:28				
Run Temp. Deg. F.	148 °F	°F	°F	°F	°F
Run and Location	7514 29-062				
Run and Location	Mud Pit				

CHACRA

3952

2 JSPF

3970

04000

2 JSPF
4047
4050

04100

DAKOTA

7270

7280

2JSPF

7296

0730

7301

07400

7401

7420

2JSPF

7434

7438

7448

7454