

THE APPLICATION OF AMOCO PRODUCTION CO.  
FOR A DUAL COMPLETION.

ORDER NO. MC-2947

ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 112-A Amoco Production Co. made application to the New Mexico Oil Conservation Division on October 15, 1981, for permission to dually complete its Jicarilla Contract 146 Well No. 31 located in Unit E of Section 10, Township 25 North, Range 5 West, NMPM, Rio Arriba County, New Mexico, in such a manner as to permit production of gas from the Otero-Chacra Pool and the Mesaverde Pool.

Now, on this 9th day of November, 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 Co., be and the same is hereby authorized to dually complete its Jicarilla Contract 146 Well No. 31 located in Unit E of Section 10, Township 25 North, Range 5 West, NMPM, Rio Arriba County, New Mexico, in such a manner as to permit production of gas from the Otero-Chacra Pool and the Mesaverde Pool through parallel strings of tubing.

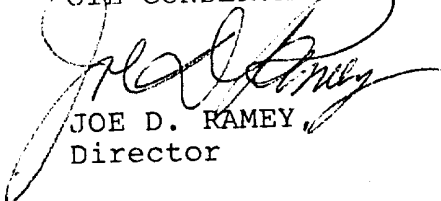
PROVIDED HOWEVER, that applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A.

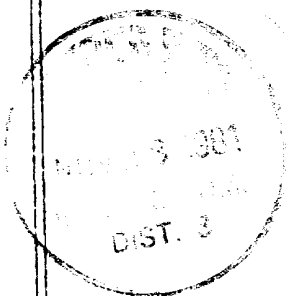
PROVIDED FURTHER, that applicant shall take packer-leakage tests upon completion and annually thereafter.

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,  
Director





STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD  
AZTEC, NEW MEXICO 8741  
(505) 334-6178

OIL CONSERVATION DIVISION  
BOX 2088  
SANTA FE, NEW MEXICO 87501

DATE 10-20-81

RE: Proposed MC ☒  
Proposed DHC \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated 10-13-81  
for the AMCO PROD. CO. JICARILLA CONTRACT 146#31 E-10-25N-54  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

APPROVE

Yours truly,

Charles Holman

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

Form C-107  
5-1-61

Operator <b>Amoco Production Company</b>		County <b>Rio Arriba</b>	Date <b>October 13, 1981</b>
Address <b>501 Airport Dr., Farmington, NM 87401</b>		Lease <b>Jicarilla Contract 146</b>	Well No. <b>31</b>
Location of Well	Unit <b>E</b>	Section <b>10</b>	Township <b>25N</b>
			Range <b>5W</b>

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 ☐
2. If answer is yes, identify one such instance: Order No. MC-2859; Operator Lease, and Well No.: Jicarilla Contract 146 No. 32

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Otero Chacra		Gonzales Mesaverde
b. Top and Bottom of Pay Section (Perforations)	3857' - 3880'		5164' - 5407'
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

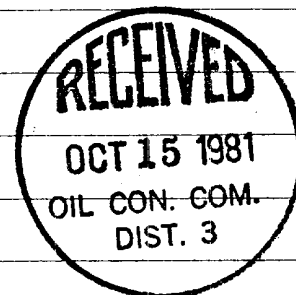
4. The following are attached. (Please check YES or NO)

- | 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.

Amerada Hess Corp. - P. O. Box 840, Seminole, Texas 79360

Supron Energy Corp. - P. O. Box 808, Farmington, NM 87401



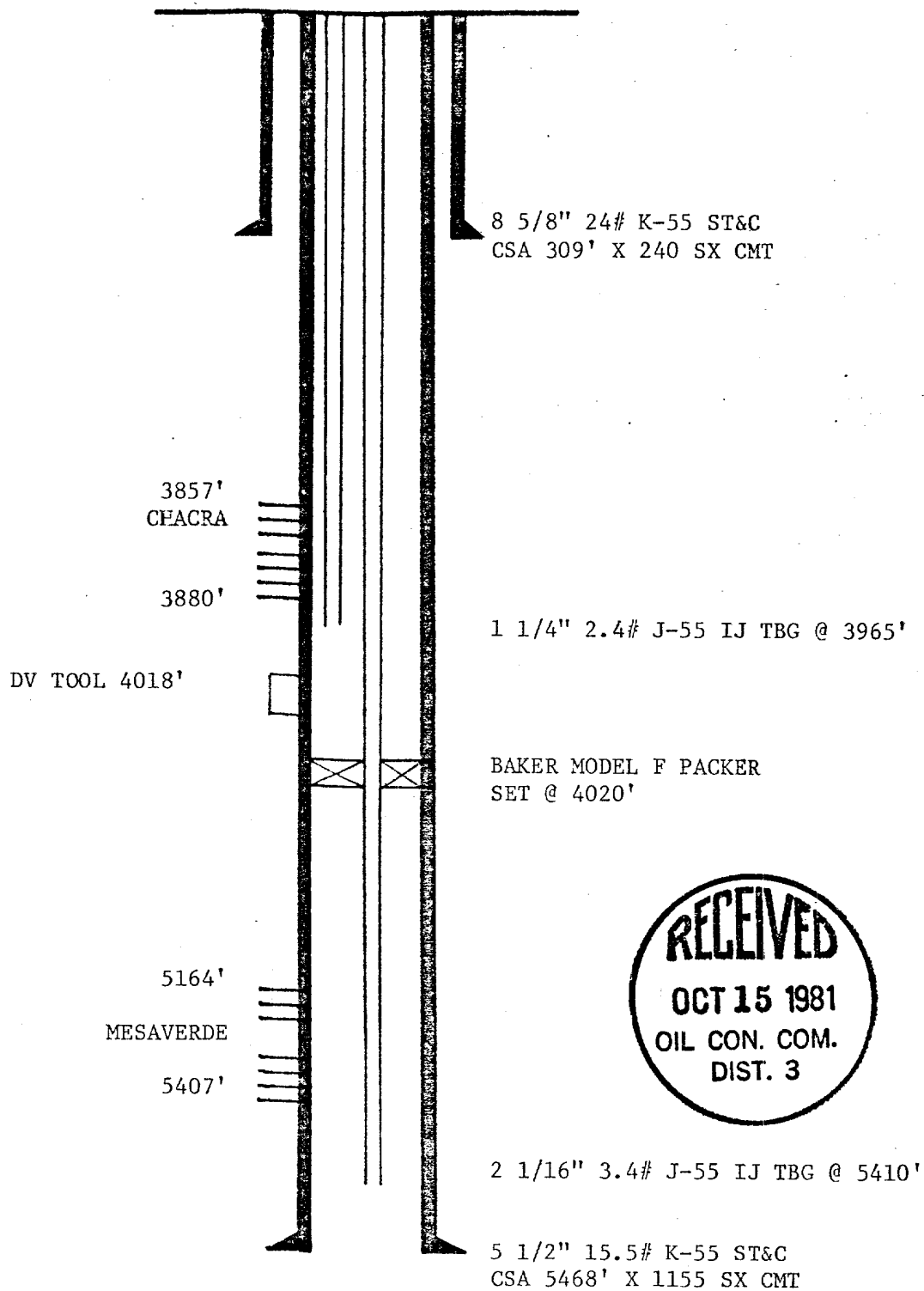
6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO ☐. If answer is yes, give date of such notification October 13, 1981.

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.

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 proration unit in one or more of



CENTRALIZERS RUN EVERY OTHER JOINT FROM TD TO 4400' AND FROM DV TOOL TO 3600'

Amoco Production Company

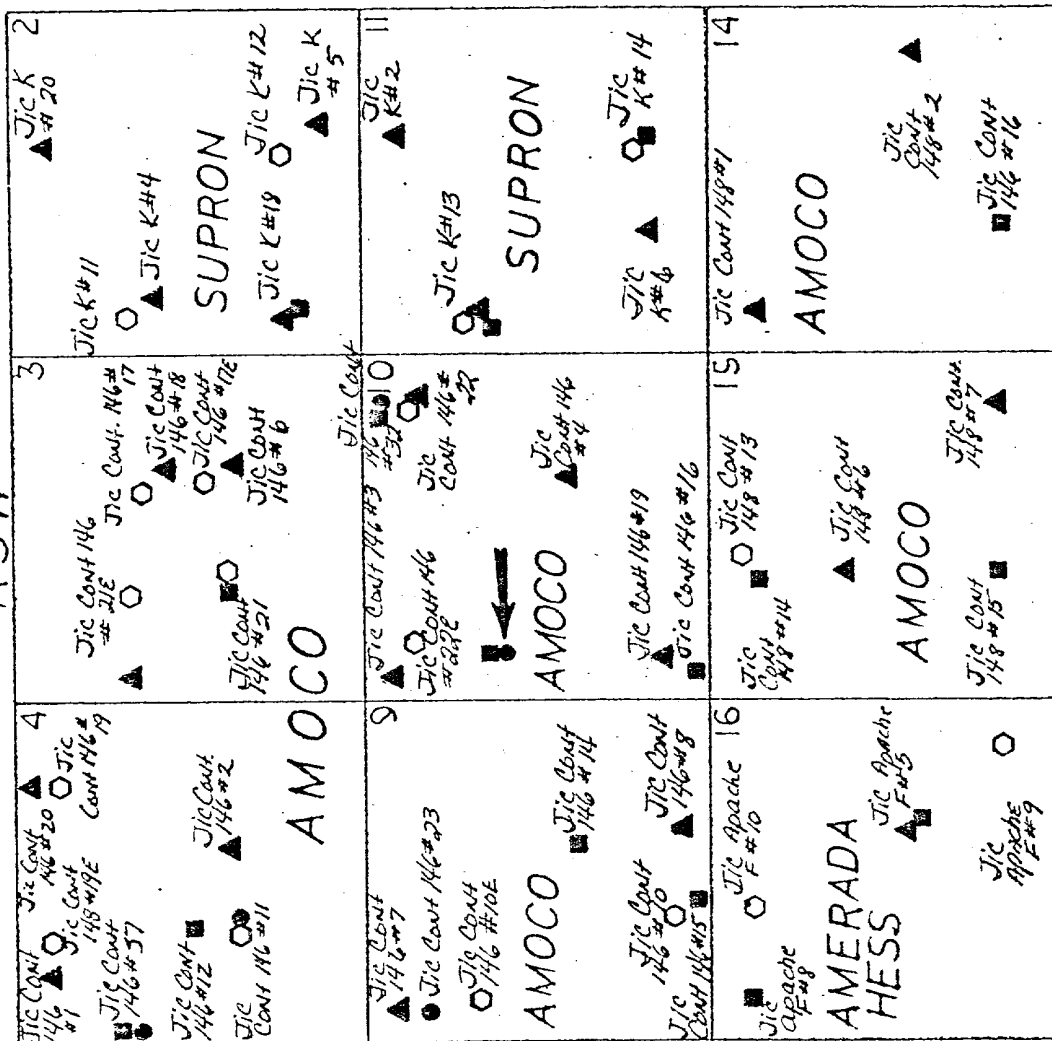
SCALE:

JICARILLA CONTRACT 146 #31

DRG.  
NO.

R5W

T 25 N



- BASIN DAKOTA WELLS
- ▲ SOUTH BLANCO PICTURED CLIFFS WELLS
- OTERO CHARCA WELLS
- GONZALES MESAVERDE WELLS



**GEARHART**DUAL INDUCTION  
LATEROLOG

FILING NO.	COMPANY <u>AMOCO PRODUCTION COMPANY</u>			
	WELL <u>JICARILLA CONTRACT 146 NO. 31</u>			
	FIELD <u>GONZALES MESA VERDE</u>			
	COUNTY <u>RIO ARriba</u> STATE <u>NEW MEXICO</u>			
RECEIVED OCT 27 1980	LOCATION: <u>1660' FNL x 1095' FWL</u>			Other Services <u>CDL CNI. GR</u>
	SEC <u>10</u>	TWP <u>25N</u>	RGE <u>5W</u>	
Permanent Datum <u>GROUND LEVEL</u> Elev. <u>6717</u>				KB <u>6739</u>
Log Measured from <u>K. B.</u> , <u>13</u> Ft. Above Perm. Datum				DF <u>3729</u>
Drilling Measured from <u>K. B.</u>				GL <u>6717</u>
Date	<u>10-3-80</u>			
Run No.	<u>One</u>			
Depth-Driller	<u>5471</u>			
Depth-Logger	<u>5469</u>			
Bottom Logged Interval	<u>5468</u>			
Top Logged Interval	<u>302</u>			
Casing-Driller	<u>8 5 8 @ 298</u>	@	@	@
Casing-Logger	<u>302</u>			
Bit Size	<u>7 7 8</u>			
Type Fluid in Hole	<u>Chem-Starch</u>			
Density and Viscosity	<u>9.1</u>	<u>60</u>		
pH and Fluid Loss	<u>3.5</u>	<u>6.4</u> cc	cc	cc
Source of Sample	<u>Mud Pit</u>			
Rm @ Meas. Temp.	<u>4.0 @ 52</u> °F	@	°F	@ °F
Rmf @ Meas. Temp.	<u>3.1 @ 62</u> °F	@	°F	@ °F
Rmc @ Meas. Temp.	<u>3.4 @ 66</u> °F	@	°F	@ °F
Source of Rmf and Rmc	<u>M</u>   <u>M</u>			
Rm @ BHT	<u>1.9 @ 130</u> °F	@	°F	@ °F
Time	End Circulation <u>05:00</u>			
	Logger on Bottom <u>10:00</u>			
Max Rec. Temp. Deg. F.	<u>130</u> °F		°F	°F
Equip. No. and Location	<u>7514</u>   <u>29-062</u>			
Recorded By	<u>Head</u>			
Witnessed By	<u>Mr. Volz</u>			

03800

CHACRA

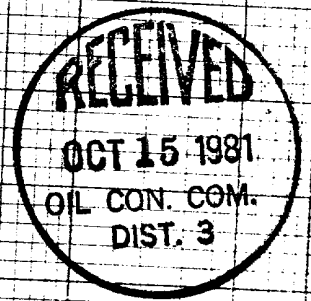
3857'

2 spf

3880'

03900

04000



5164'

5168'

2 spf

5189'

05200

5202'

5208'

5212'

MESAVERDE  
(POINT LOCKOUT)

5293'

5296'

05300

5303'

5319'

2 spf

5346'

5350'

Medium Induction

Deep Induction

05400

5404'

5407'