



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 11-17-81

MC 2964

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

Gentlemen:

I have examined the application dated 11-12-81
for the Pioneer Prod. Corp. Wartman #1E F-31-29N-11W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours truly,

Frank T. Cherry

- 3 - NMOCD, Santa Fe
1 - NMOCD, Aztec
1 - USGS, Fmn
1 - Pioneer
1 - Each Offset Op
1 - File

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

Form C-107
5-1-81

Operator Pioneer Production Corp.		County San Juan	Date 11-9-81
Address P O Box 208, Farmington, NM 87401		Lease Hartman	Well No. 1E
Location of Well F	Unit 31	Township 29N	Range 11W

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 XX NO
2. If answer is yes, identify one such instance: Order No. MC-2845; Operator Lease, and Well No.: Pioneer Production Corp., Nye Com #1E

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Undesignated Chacra		Basin Dakota
b. Top and Bottom of Pay Section (Perforations)	2541-49		5901-6028
c. Type of production (Oil or Gas)	gas		gas/oil
d. Method of Production (Flowing or Artificial Lift)	flowing		flowing

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

- | | | |
|---|-----------------------------|---|
| Yes <input checked="" type="checkbox"/> | No <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. |
| Yes <input checked="" type="checkbox"/> | No <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. |
| Yes <input checked="" type="checkbox"/> | No <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.* |
| Yes <input checked="" type="checkbox"/> | No <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.) |

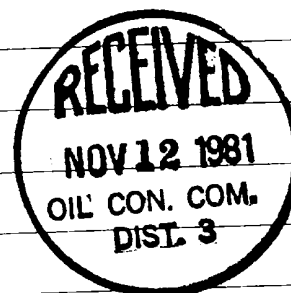
5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Mobil Oil Corp., Box 5444, Denver, CO 80217

Supron Energy Corp., Box 808, Farmington, NM 87401

Southland Royalty Company, P O Drawer 570, Farmington, NM 87401

Amoco Production Co., 501 Airport Drive, Farmington, NM 87401



6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES XX NO . If answer is yes, give date of such notification 11-10-81.

CERTIFICATE: I, the undersigned, state that I am the agent of the Pioneer Production Corp. (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.

Thomas A. Dugan
Signature Thomas A. Dugan

*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 pools, the application for approval of the same should be filed simultaneously with this application.

Flower Production Co. MAKER PACKERS DIVISION

DATE 6-11-81 WELL NO. 1-E LEASE HARTMAN FIELD 373-6328

75 Jnts
1/4 IS Tubing
set @ 2436' RKB

Chacra perms
2541-2549

one joint 1 1/4 4 1/2 10-5

SUBS-1', 2', 3', 6', 10'

1/4 10 rd IS Tubing

8 5/8" surface csg. set @ 403' RKB w/ 400sx.

4 1/2" production csg. set @ 6149' RKB w/ 2636 cc slurry.

77 Jnts 1/4

1/4 10 rd Box x 1 1/2 EU 10 rd Pin Swedge

2.330 x 1.750 x 20' Elast Jt. w/ 1 1/2 EU 10 rd Double Box

2.330 x 1.750 x 10' Elast Joint w/ 1 1/2 EU 10 rd Pin

one 10' 1 1/4 Pup
one 8' 1 1/4 Pup

1 1/2 EU 10 rd Pin x 1 1/4 NU 10 rd Pin Swedge

49 Jnts 1/4
set @ 5837' RKB

1 1/4 x 1.25 Model 'B' Sliding Sleeve

1 1/4 x 6' 10 rd IS Tubing Sub

1 1/4 10 rd Double Box Sub w/ 2 3/8 EU 8 rd PIN

2 3/8 x 2' Tubing Sub Fishing Neck

20-23 'G-22" Locator Seal Assy w/ 4 seal units w/ 3 3/8 EU 8 x 2.062 10 rd Pin

Dakota perms
5901-6028

43 A Retrievable Wire Line Set Packer w/ 2.390 ID

1 1/4 10 rd x 8' Double Pin Sub Thru. Seal

1 1/4 10 rd IS Tubing

1 1/4 Aluminum Pump out Plug



PIONEER PRODUCTION CORP.
Hartman #1E
1850' FNL - 1990' FWL
Sec 31 T29N R11W
San Juan County, NM

APPLICATION FOR MULTIPLE COMPLETION

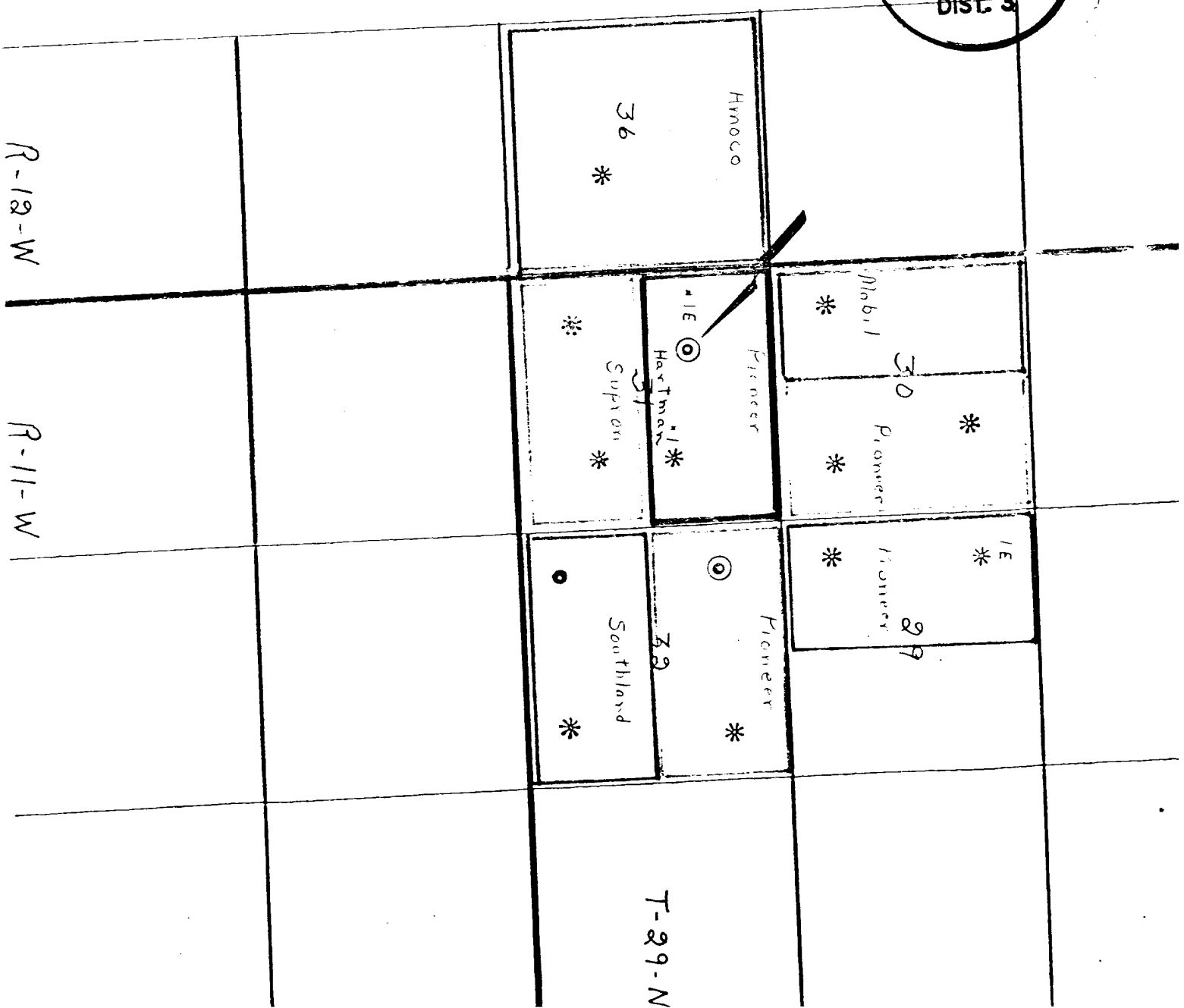


Township 29 North Range 11 West

- Section 29, W/2, Pioneer Production Corp.
- Section 30, E/2, Pioneer Production Corp.
- Section 30, W/2, Mobil Production
- Section 31, S/2, Supron Energy Corp.
- Section 32, N/2 Pioneer Production Corp.
- Section 32, S/2, Southland Royalty

Township 29 North Range 12 West

- Section 36, Amoco Production
- Gallegos Com F #162



NOT DRAWN TO SCALE

STANDARD

WELL LOGGING SERVICE

COUNTY SAN JUAN, N.M.
FIELD BASIN DAKOTA
LOCATION HARTMAN #1E
WELL
COMPANY PIONEER PROD. CO.

COMPANY PIONEER PRODUCTION COMPANY
WELL HARTMAN #1E
FIELD BASIN DAKOTA
COUNTY SAN JUAN STATE NEW MEXICO
LOCATION 1850' FNL E 1990' FWL
API SERIAL NO. 31 SEC. 29-N TWP. 11-W RANGE
Other Services: CNL/FDC

Permanent Datum: G.L. Elev. 5396
Log Measured From K.B. 12 ft. Above Perm. Datum
Drilling Measured From K.B. Elev. 5408
D.F. 5407
G.L. 5396

Date	3-13-81
Run No.	ONE
Depth-Driller	6150
Depth-Logger	6176
Btm. Log Interval	6167
Top Log Interval	2000
Casing-Driller	8 5/8 @ 400
Casing-Logger	411
Bit Size	7.875
Type Fluid in Hole	FGM
Dens. Visc.	9.1 65
pH	8.2 6.8 ml
Fluid Loss	8.2 6.8 ml
Source of Sample	FLOWLINE
Rm @ Meas. Temp.	3.45 @ 75 °F
Rmf @ Meas. Temp.	2.6 @ 75 °F
Rmc @ Meas. Temp.	3.27 @ 75 °F
Source: Rm Rmc	C
Rm @ BHT	75 @ 154 °F

5900

Perfs

6000

6100

F.R. (GR)

F.R. (SP)

5901 - 6028, 30 toles

RILD

SFL

CILD

F.R. (DIL)

OIL FIELD RECORD AND MINING CORPORATION LOG

R. PRODUCTION COMPANY

H #1E

DAKOTA

IAN STATE NEW MEXICO

1990' FWL Other Services:

CNL/FDC

29-N 11-W

Elev.: 5396
 Ft. Above Perm. Datum
 Elev.: K.B. 5408
 D.F. 5407
 G.L. 5396

@ @ @

ml ml

@ *F @ *F @ *F
 @ *F @ *F @ *F
 @ *F @ *F @ *F
 @ *F @ *F @ *F

CILD

RILD

2100

2200

2300

2400

2500

Perfs

2541-49, 9 holes

[Handwritten notes and signatures in the left margin]