

THE APPLICATION OF TENNECO OIL
COMPANY FOR A DUAL COMPLETION

ORDER NO. MC-2758

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 112-A, Tenneco Oil Company made application to the New Mexico Oil Conservation Division on November 12, 1980, for permission to dually complete its Cole A Well No. 1E located in Unit I of Section 35, Township 28 North, Range 10 West, NMPM, San Juan County, New Mexico, in such a manner as to permit production of gas from the Chacra formation and from the Basin-Dakota Pool.

Now, on this 24th day of November, 1980, 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, Tenneco Oil Company, be and the same is hereby authorized to dually complete its Cole A Well No. 1E located in Unit I of Section 35, Township 28 North, Range 10 West, NMPM, San Juan County, New Mexico, in such a manner as to permit production of gas from the Chacra formation and from 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

OIL CONSERVATION COMMISSION
Alta DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE Dec. 8, 1980

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

Gentlemen:

I have examined the application dated Nov. 10, 1980
for the Sanner Oil Co. Cole A #1E I-35-28N-10W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours very truly,

Frank J. Chang

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

Form C-107
5-1-61

Operator Tenneco Oil Company		County San Juan		Date 10/31/80
Address P.O. Box 3249 Englewood Colorado 80155		Lease Cole A		Well No. 1-E
Location of Well I	Unit I	Section 35	Township 28N	Range 10 W

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	Chacra		Dakota
b. Top and Bottom of Pay Section (Perforations)	2967-3235'		6256-6401'
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.)

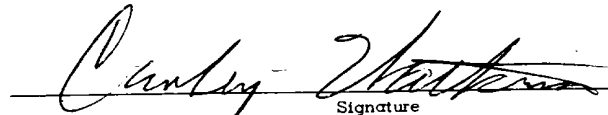
5. List all offset operators to the lease on which this well is located together with their correct mailing address.

El Paso Natural Gas P.O. Box 1492 El Paso, Texas 79978

Amoco Production Company 501 Airport Road Farmington New Mexico 87401

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 10/31/80.

CERTIFICATE: I, the undersigned, state that I am the Asst. Div. Adm. Mgr. of the Tenneco Oil Company (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 the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

COLE A 1-E
Sec 35-T28N-R10W
San Juan County, New Mexico

El Paso Natural Gas
P.O. Box 1492
El Paso, Texas 79978

Amoco Production Company
501 Airport Road
Farmington, New Mexico

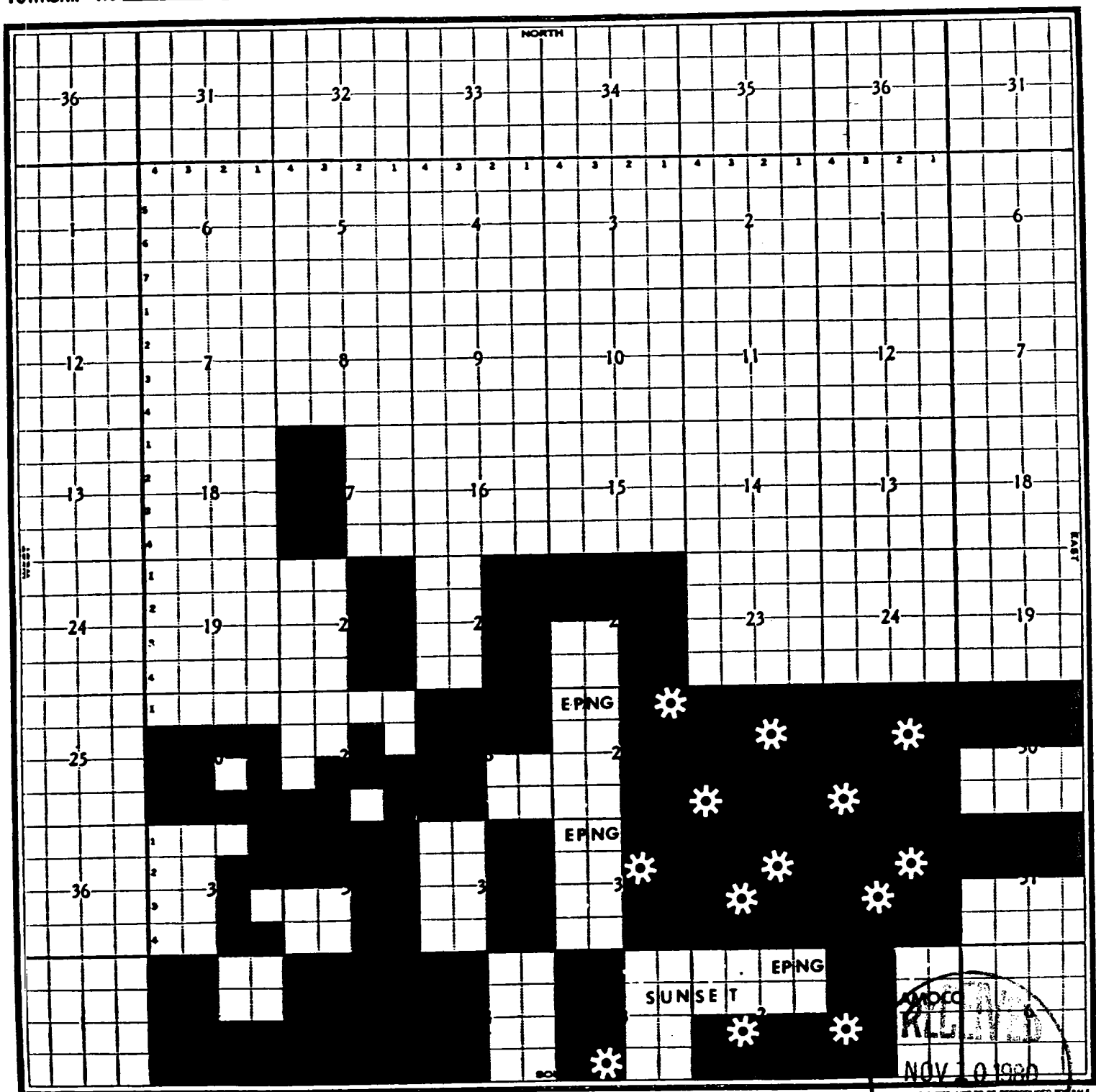
Sunset International Petroleum Corporation
2400 Fidelity Union Tower
Dallas, Texas 75201

TOWNSHIP NO. 28N

RANGE NO. 10W

COUNTY SAN JUAN

STATE NEW MEXICO



LEGEND



SCALE, ONE INCH = ONE MILE

CHACRA

DAKOTA



CHACRA/DAKOTA DUAL

LEASE Cole 'A'

WELL NO. # 1E

9 5/8 "OD, 36 LB, K-55 CSG. W/ 200 SX
TOC @ Surface.

7 "OD, 23 LB, K-55 CSG. W/ 310 / 740 SX
TOC @ DV tool @ 4588 lost. Returns on both stages

DETAILED PROCEDURE

1. MIRUSU, NUBOP
2. RIH & tag cmt. DO to Float collar, use 2 3/8 tag.
3. PT CSG to 3500 psi.
4. Circulate the hole w/ 2% KCl wtr
5. POOH w/ tag
6. Run GR-CEL across Dak & Chacra & CBL on Chacra.
7. Perforate the Dakota using a 4" premium charge csg gun as follows:
shoot 2 JSPF @:
6256-6258
6285-6288
6336-6366
6399-6401
6413-6417
total of 41' - 82 holes
8. RIH w/ Pkr & RRP w/ ball catcher
9. Brk dn the perms using 15% HCl acid and straddle the perms:
6399-6417 w/ 250 gals & 18 balls
6336-6366 w/ 1250 gals & 90 balls
6256-6288 w/ 250 gals & 18 balls

226

DV
Tool @
4588

LEASE _____

WELL NO. _____

_____ "OD, _____ LB, _____ CSG. W/ _____ SX

TOC @ _____.

_____ "OD, _____ LB, _____ CSG. W/ _____ SX

TOC @ _____.

DETAILED PROCEDURE

15. Chain down the tbg pup & blowey lines, then two hrs after the frac open up the tbg & displace the backside w/ N_2 . Leave Flowing overnight through a $\frac{1}{2}$ " choke.
16. Test production rate.
17. Kill tbg & cleanout to PRTD w/ foam.
18. POOH w/ tbg.
19. RIH w/ Baker Model 'D' Pkr w/ Expendable plug on WL & set @ 3500'.
20. Dump a sack of sd & load hole w/ 2% HCl wtr then PT pkr to 3500 psi.
21. Perforate the Chacra Formation w/ a 4" premium charge csg gun and 2 JSPP as follows:
2967-2975
2981-2982
3233-3235
total of 11' or 22 holes
22. RIH w/ Pkr ~~2967-2975~~
23. Break down Perfs w/ 15% HCl
3233-3235 100 gal/s (Down tbg)