

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

ORDER NO. MC-2979

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 December 16, 1981, for permission to dually complete its State Gas Com "BP" (AX) Well No. 2 located in Unit G of Section 32 Township 29 North, Range 9 West, NMPM, San Juan County, New Mexico, in such a manner as to permit production of gas from the Chacra Formation and the Basin-Dakota Pool.

Now, on this 11th day of January, 1982, 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 State Gas Com "BP" (AX) Well No. 2 located in Unit G of Section 32, Township 29 North, Range 9 West, NMPM, San Juan County, New Mexico, in such a manner as to permit production of gas from the Chacra Formation 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,
Director





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 12-22-81

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

Gentlemen:

I have examined the application dated 12-16-81
for the Amoco State Line Co. BP #21 60-32-29N-9W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours truly,

B. L. Dwyer

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

Form C-107
5-1-61

Operator Amoco Production Company		County San Juan		Date 12-15-81
Address 501 Airport Drive, Farmington, NM 87401		Lease State Gas Com "BP"(AX)		Well No. 2
Location of Well	Unit G	Section 32	Township 29N	Range 9W

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		Basin Dakota
b. Top and Bottom of Pay Section (Perforations)	3468'-3602'		6957'-7144'
c. Type of production (Oil or Gas)	Gas		
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

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

Yes	No	
☒	☐	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.
☒	☐	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.
☒	☐	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.*
☒	☐	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.

Southland Royalty Company, P.O. Box 570, Farmington, NM 87401

Tenneco Oil Company, 300 W. Arrington, Suite 120, Farmington, NM 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 December 15, 1981.

CERTIFICATE: I, the undersigned, state that I am the District Superintendent of the Amoco Production 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.

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 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.

R 9 W

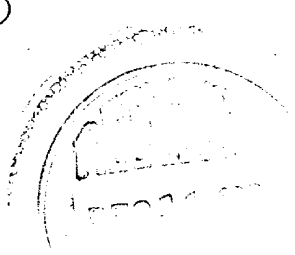
30	29	28
☐ Amoco Serk G.C. B#1	☐ Tenneco Hamner #3A	☐ Tenneco Hamner #2A
☐ So. Roy Cain #16	31	32
☐ So. Roy Cain #15	☐ Tenneco State N #1	☐ Tenneco Helen Jackson #2A
6	5	4

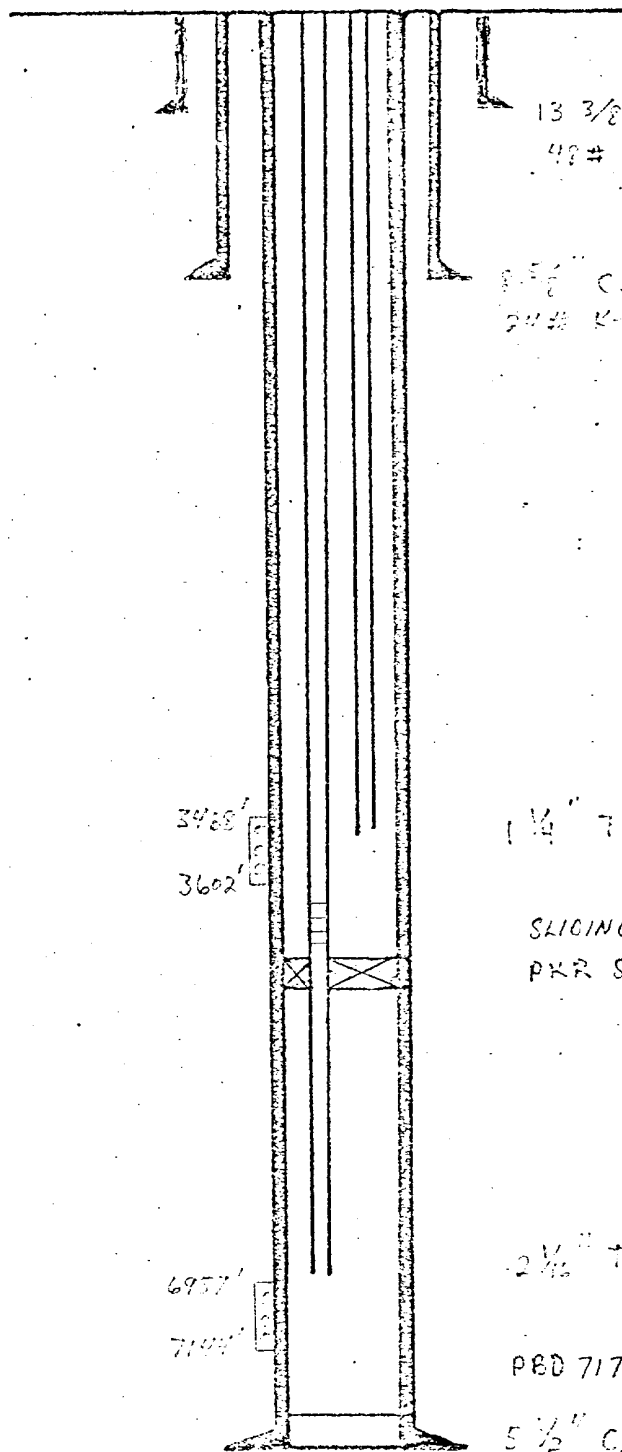


☐ EXISTING BASIN DAKOTA WELLS

NO EXISTING OTERO CHACRA WELLS

T 29 N
T 28 N





13 3/8" CSA 309'
40# K-55

8 5/8" CSA 2879'
24# K-55

CHICRA

3468'
3602'

1 1/4" TBC AT 3576'

SLICING SLEEVE AT 3928'
PKR SA 3937'

6957'
7118'

2 1/2" TBC AT 7118'

PRD 7176'

5 1/2" CSA 7218'
15.5# K-55

LINE

CONTINUE RUN EVERY OTHER JOINT FROM 3400' TO 3200' CEMENT CIRCULATED TO 2610'. 1ST STAGE- 50-50 POR CLASS "B" WITH 100 SX CLASS "B" NEXT TAIL-IN 2ND STAGE- 1075 SX 55-45 POR CLASS "B" WITH 200 SX CLASS "B" NEXT TAIL-IN

Amoco Production Company

SCALE:

STATE GAS CON "B.P." AND "A.P." 10.2

ORG.
NO.



WELox
CORPORATION
OIL INDUSTRY

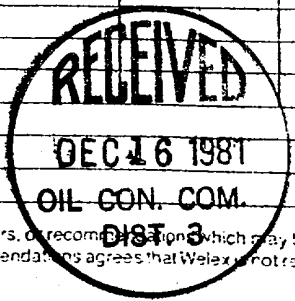
COMPANY _____
WELL _____
FIELD _____ State _____
County _____
Sec. 32 Twp. 29 N Rge. 9 W
1770' FNL / 1740' FEL
COL-N-GR
Other Services: _____

Permanent Datum GROUND LEVEL Elev. 6150'
Log Measured From KEHX BUSHING, 15 ft. Above Perm. Datum
Drilling Measured From KEHX BUSHING
Date 11-1-81
Run No. 045-Two
Depth—Driller 7220'
Depth—Wetox 7218'
Btm. Log Inter. 7216'
Top Log Inter. 2880'
Casing—Driller 858' @ 2879'
Casing—Wetox 2880'
Bit Size 7.875
Type Fluid in Hole ASND MUD
Dens. | Visc. 9.1 | 1.55
pH | Fluid Loss 8.0 | 17.2 ml
Source of Sample MUD PIT
R_m @ Meas. Temp. 1.3 @ 65 °F
R_m @ Meas. Temp. 0.9 @ 70 °F
R_m @ Meas. Temp. 1.4 @ 65 °F
Source R_m R_{mc} MEAS MEAS
R_m @ BHT 0.55 @ 162 °F
Time Since Circ. 4 HOURS
Max. Rec. Temp. 162 °F @ T.O.
Equip. Location 28921 FARM
Recorded By J. GRAY
Witnessed By G. SIMMONS

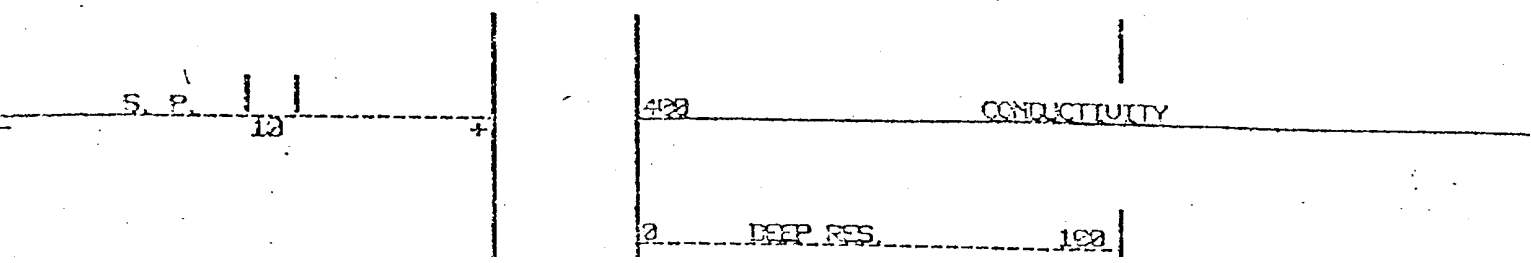
Fold Here

Service Ticket No. 098123 Remarks:

Change in Mud Type or Additional Samples				SCALE CHANGES			
Date	Sample No.	I	I	Type Log	Depth	Scale Up Hole	Scale Down I
Depth—Driller							
Type Fluid in Hole							
Dens. Visc.							
ph	Fluid Loss	I	ml				
Source of Sample				EQUIPMENT DATA			
R _m @ Meas. Temp.	@	°F	@	°F	Run No.	Tool Type and No.	Pad Type
R _m @ Meas. Temp.	@	°F	@	°F	ONE	M 196-#22274	FREE
R _m @ Meas. Temp.	@	°F	@	°F			
Source: R _m R _{mc}	I		I				
R _m @ BHT	0.55	@ 162 °F	@	°F			
R _m BHT	0.44	@ 162 °F	@	°F			
R _m BHT	0.58	@ 162 °F	@	°F			



Wetox does not guarantee the accuracy of any interpretation of log data, conversion of log data to physical rock parameters, or recommendations which may be given by Wetox personnel or which may appear on the log or in any other form. Any user of such data, interpretations, conversions, or recommendations agrees that Wetox is not responsible, except where due to gross negligence or willful misconduct, for any loss, damages, or expenses resulting from the use thereof.



CHOCRA

3468'

0

2 F3F5

3474'

0

3491'

0

2 F3F5

3496'

0

3500

3578

0

2 F3F5

3600

0

3602

3700

GRENAROS

6500.

HAIN DAKOTA
6957'
6962'

2.55 PF

7000.

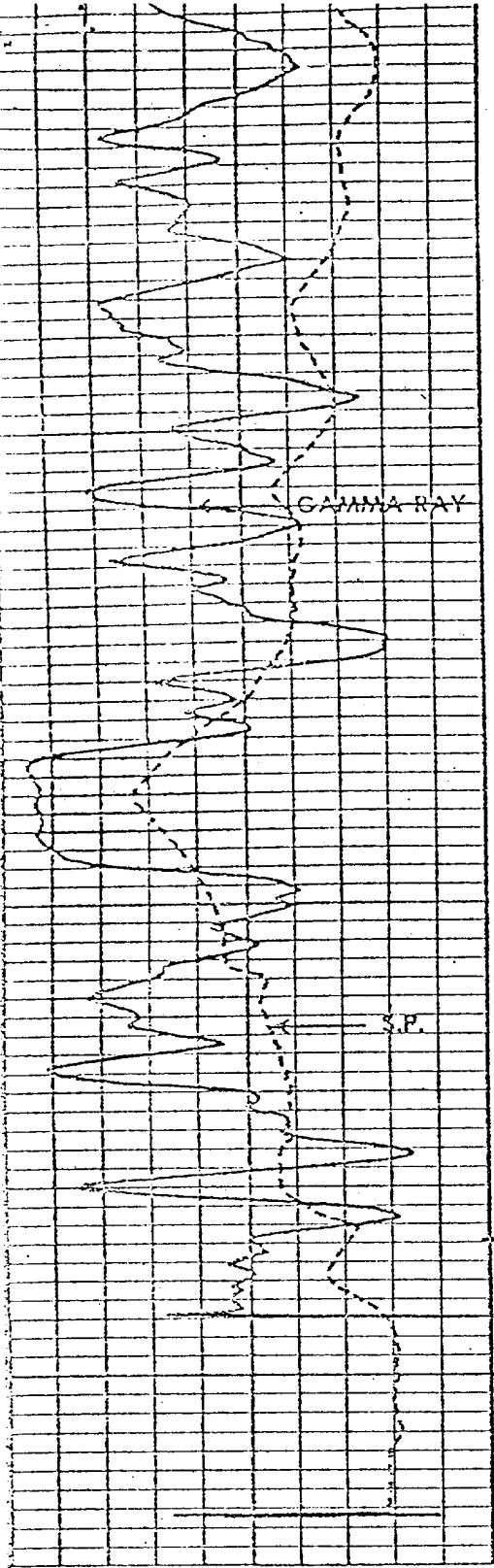
7004'

0
0
0
0
0
0

2.55 PF

7004'

LOWER
DAKOTA



7100.

GAMMA RAY

7133'

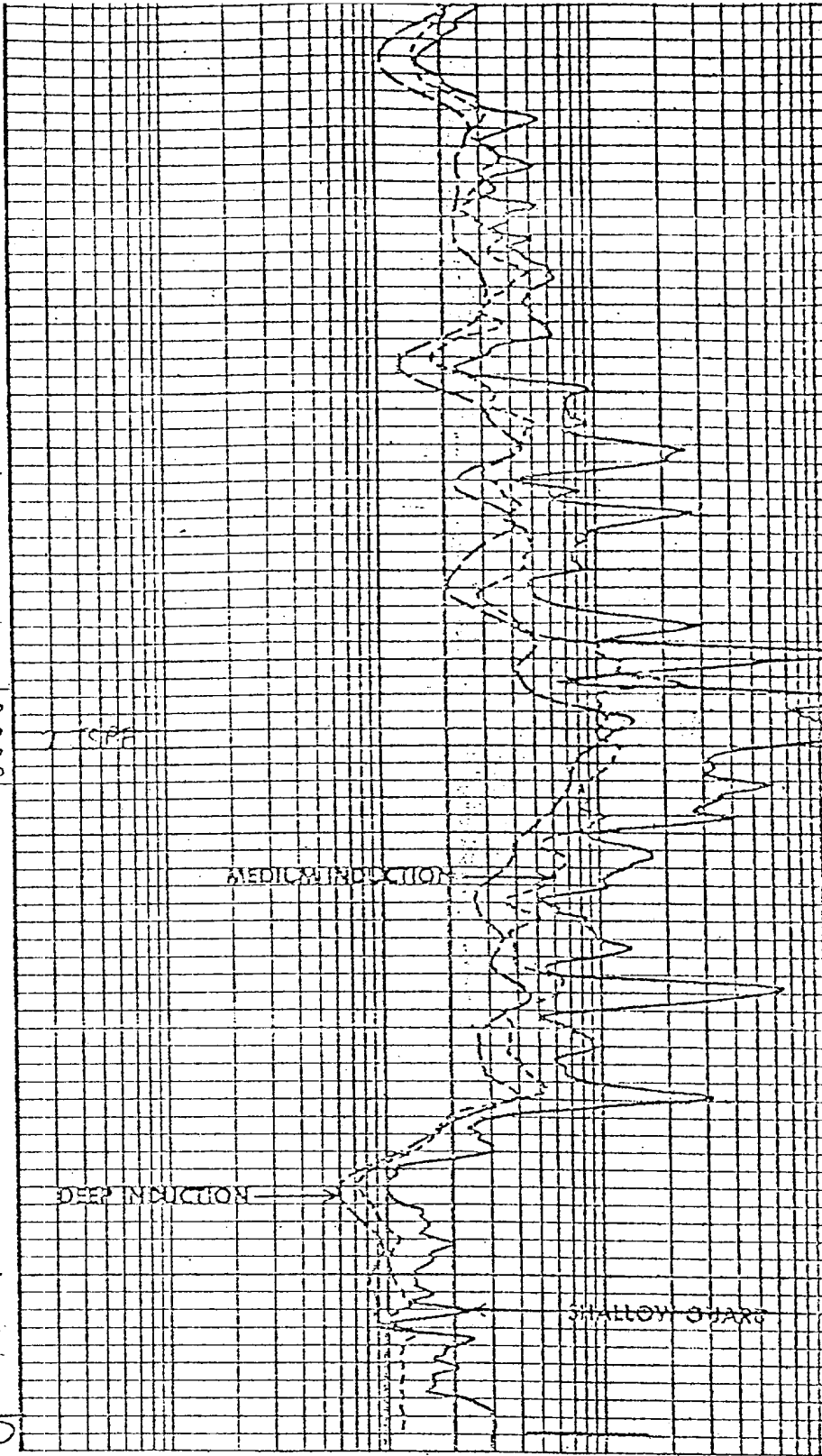
0
0
0
0

7144'

S.P.

7200.

TD
LOGGED



INDUCTION

INDUCTION

INDUCTION

SHALLOW EARTH