

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-36011

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WELL: DRILL ☒ DEEPEN ☐ PLUG BACK ☐

2. DEPTH OF WELL: ON ☐ SURFACE ☒ UNDER ☐ ☐ ☐

3. NAME OF OPERATOR: Amoco Production Company

4. ADDRESS OF OPERATOR: 501 Airport Drive, Farmington, NM 87401

5. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

6. APPROXIMATE DEPTH: 5794' GL

7. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

8. APPROXIMATE DEPTH: 5794' GL

9. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

10. APPROXIMATE DEPTH: 5794' GL

11. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

12. APPROXIMATE DEPTH: 5794' GL

13. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

14. APPROXIMATE DEPTH: 5794' GL

15. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

16. APPROXIMATE DEPTH: 5794' GL

17. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

18. APPROXIMATE DEPTH: 5794' GL

19. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

20. APPROXIMATE DEPTH: 5794' GL

21. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

22. APPROXIMATE DEPTH: 5794' GL

23. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

24. APPROXIMATE DEPTH: 5794' GL

25. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

26. APPROXIMATE DEPTH: 5794' GL

27. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

28. APPROXIMATE DEPTH: 5794' GL

29. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

30. APPROXIMATE DEPTH: 5794' GL

31. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

32. APPROXIMATE DEPTH: 5794' GL

33. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

34. APPROXIMATE DEPTH: 5794' GL

35. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

3. NAME OF OPERATOR: Amoco Production Company

4. ADDRESS OF OPERATOR: 501 Airport Drive, Farmington, NM 87401

5. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

6. APPROXIMATE DEPTH: 5794' GL

7. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

8. APPROXIMATE DEPTH: 5794' GL

9. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

10. APPROXIMATE DEPTH: 5794' GL

11. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

12. APPROXIMATE DEPTH: 5794' GL

13. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

14. APPROXIMATE DEPTH: 5794' GL

15. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

16. APPROXIMATE DEPTH: 5794' GL

17. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

18. APPROXIMATE DEPTH: 5794' GL

19. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

20. APPROXIMATE DEPTH: 5794' GL

21. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

22. APPROXIMATE DEPTH: 5794' GL

23. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

24. APPROXIMATE DEPTH: 5794' GL

25. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

26. APPROXIMATE DEPTH: 5794' GL

27. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

28. APPROXIMATE DEPTH: 5794' GL

29. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

30. APPROXIMATE DEPTH: 5794' GL

31. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

32. APPROXIMATE DEPTH: 5794' GL

33. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

34. APPROXIMATE DEPTH: 5794' GL

35. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

36. APPROXIMATE DEPTH: 5794' GL

37. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

38. APPROXIMATE DEPTH: 5794' GL

39. LOCATION OF WELL (Section, Township, Range, and in accordance with USGS Survey Monuments): 1120' FNL x 1850' FNL

40. APPROXIMATE DEPTH: 5794' GL

Amoco proposes to drill the above well to further develop the Basin Dakota reservoir. The well will be drilled to the surface casing point using native mud. The well will then be drilled to TD with a low solids nondispersed mud system. Completion design will be based on open hole logs. Copies of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed; see attached drawing for blowout preventer design.

Water in the well location will be used and the reserve pit filled and covered.

Gas produced from this well is dedicated to El Paso Natural Gas under contract No. 16,1421.

This action is subject to administrative appeal pursuant to 30 CFR 290.

355 cu.ft. Class "B" w/2" CaCl₂-
Stage 1-540 cu.ft. Class "B" neat-circ.
w/50:50 POZ, 6% gel, 2# med tuf
plug/sx, and 0.8% FLA. Tail in
w/118 cu.ft. Class "B" neat-circ.
Stage 2-1380 cu.ft. Class "B" w/
65:35 and 0.8% FLA/ Tail in w/
118 cu.ft. Class "B" neat-circ.

DV Tool set at 4470'.

BDS Shaw

RECEIVED
JUN 28 1984
OIL CON. DIV.
DIST. 3

Administrative Supervisor

May 31, 1984

APPROVED
AS AMENDED

JUN 28 1984

M. MILLENBACH
AREA MANAGER

NMOCC

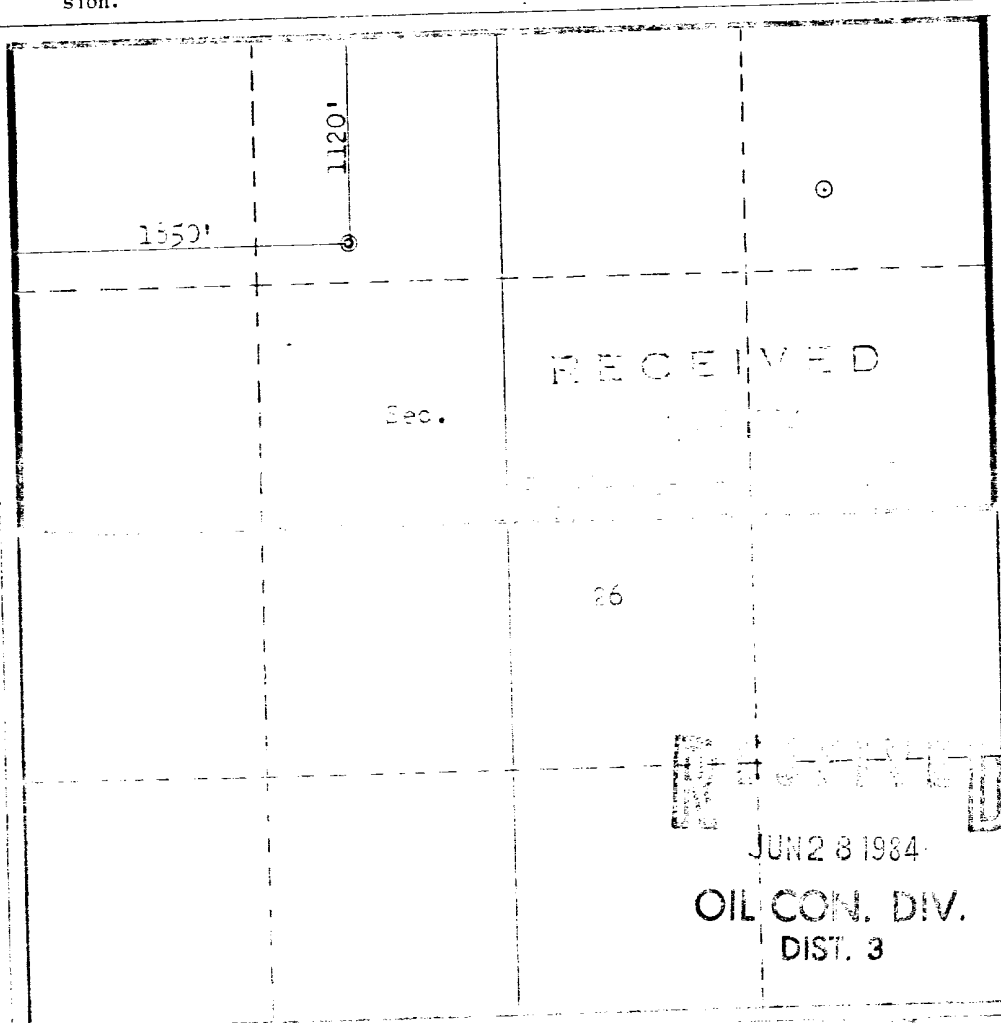
AMOCO PRODUCTION COMPANY				
Unit Letter	Section	Township	Range	County
0	26	20N	10W	San Juan
Actual Footage Location of Well				
1120	Section	10W	Test from the	WEST
Ground Level Elev.	Producing Formation	Feet	Dev. and Appraisal	
579L	Dakota	Elson Dakota	1	320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes" type of consolidation Unitized

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

BDS Law

Name

B. D. Shaw

Position

Adm. Supervisor

Company

Amoco Production Company

Date

January 11, 1984

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Dec 11 1983

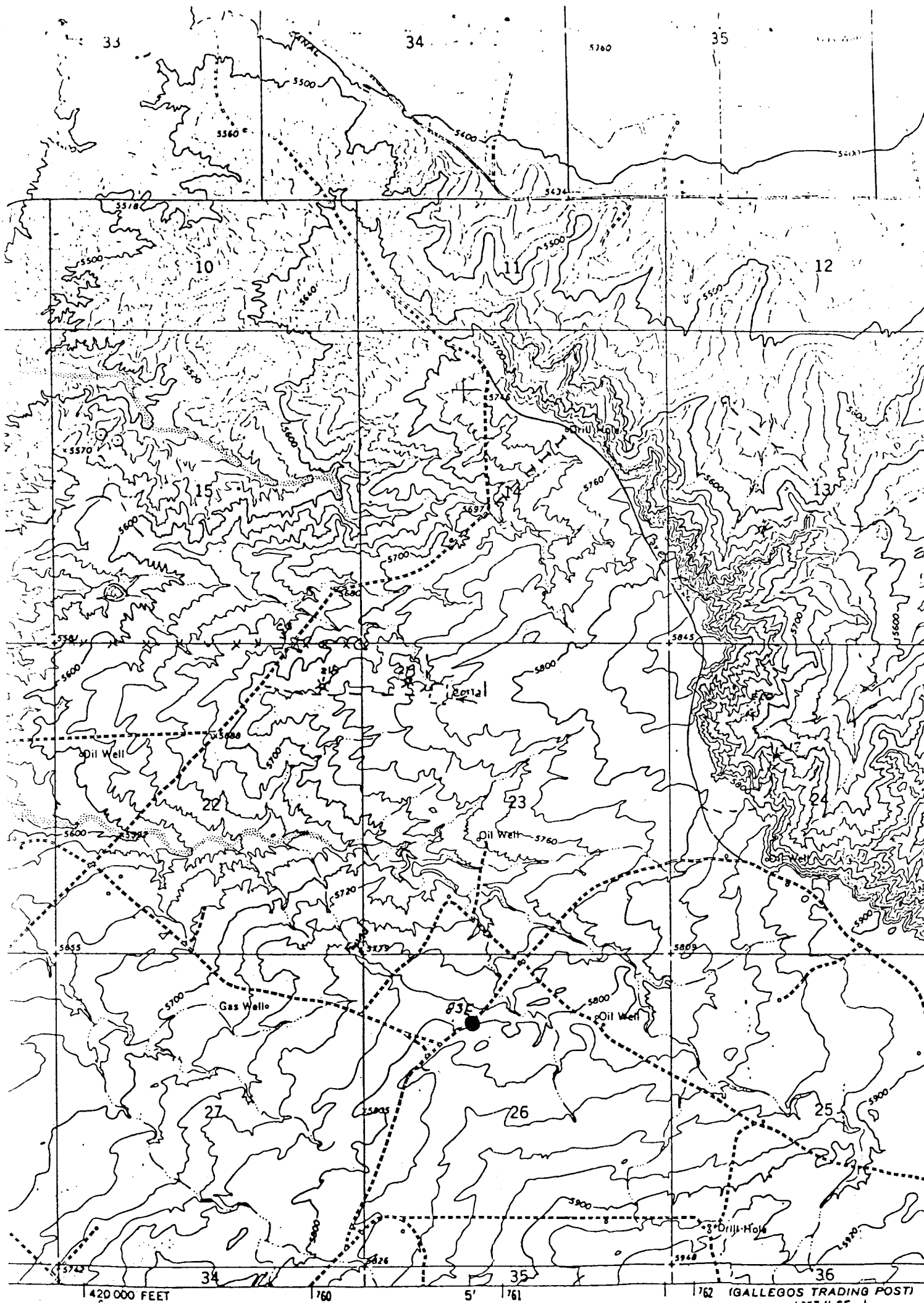
Signature

Fred B. [Signature]

Print Name

Fred B. [Signature]

3950



U.S. Geological Survey

Bureau of Reclamation
 Derived from aerial
 photogrammetric surveys of the
 area checked by USGS 1965

Mean sea level datum
 and coordinate system,

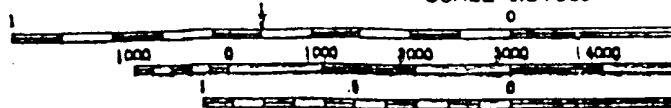
and grid ticks,

contour lines



Vicinity Map for
 AMOCO PRODUCTION COMPANY #83E GALLEGOS CANYON UNIT
 1120' FNL 1850' FWL Sec. 26-T28N-R12W
 SAN JUAN COUNTY, NEW MEXICO

DECLINATION



CONTOUR INTERVAL 20 FEET
 SPOT ELEVATIONS REPRESENT 10-FOOT CONTOUR
 DATUM IS MEAN SEA LEVEL

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 8
 WITH NATIONAL MAP ACCURACY
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS 1