

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐DEEPEN ☐PLUG BACK ☒

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Southland Royalty Company

3. ADDRESS OF OPERATOR

1100 Wall Towers West

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1980' FNL & 1980' FEL

At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

660

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

NA

16. NO. OF ACRES IN LEASE

320

19. PROPOSED DEPTH

PBTD 11,350'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

NA

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3420' GR

22. APPROX. DATE WORK WILL START*

6/10/81

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	11 3/4"	42#	355'	325' (Circ)
11"	8 5/8"	24 & 28#	3200'	1300' (Circ)
7 7/8"	4 1/2"	11.6 & 13.5#	11,758'	1350' Top of cmt @ 7565'

Install BOP. POH w/tbg & pkr. GIH & set cmt retainer @ 11,350'. Sting into retainer & sqz Morrow perfs from 11,400-11,458' (OA) w/100 sxs Cl "H". Pull out of retainer & leave 50' cmt on top of retainer. Displace hole w/2% KCl. GIH w/Vann System perforating System & set @ \pm 10,678'. Set perf gun to fire from 10,776-10,789' w/2 JSPF (27 holes). Set pkr & NU WH. Drop detonating bar down tbg to fire gun. Open well to pit. Armando Lopez approved 6/9/80.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE District Production Manager

DATE 6/9/81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

5. LEASE DESIGNATION AND SERIAL NO.

NM010907A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Empire Federal "34" Com.

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLE.
AND SURVEY OR AREA

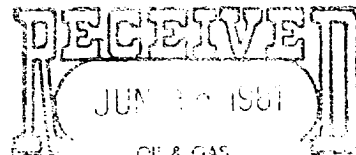
Sec 34, T-18-S, R-29-E

12. COUNTY OR PARISH

13. STATE

Eddy

NM

OIL & GAS
U.S. GEOLOGICAL SURVEY

APPROVED

DATE

JUN 24 1981

JAMES A. GILLHAM
DISTRICT SUPERVISOR

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-124
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator Southland Royalty Co.		Lease 34 Empire Federal		Com. #	Well No. 1
Unit Letter G	Section 34	Township 18 South	Range 29 East	County Eddy	
Actual Forage Location of well: 1980 feet from the North line and 1980 feet from the East line					
Ground Level Elev. 3420.0	Producing Formation Atoka	Perforations Undesignated	Dedicated Acreage: 314.15		

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?

RECEIVED

JUN 22 1981

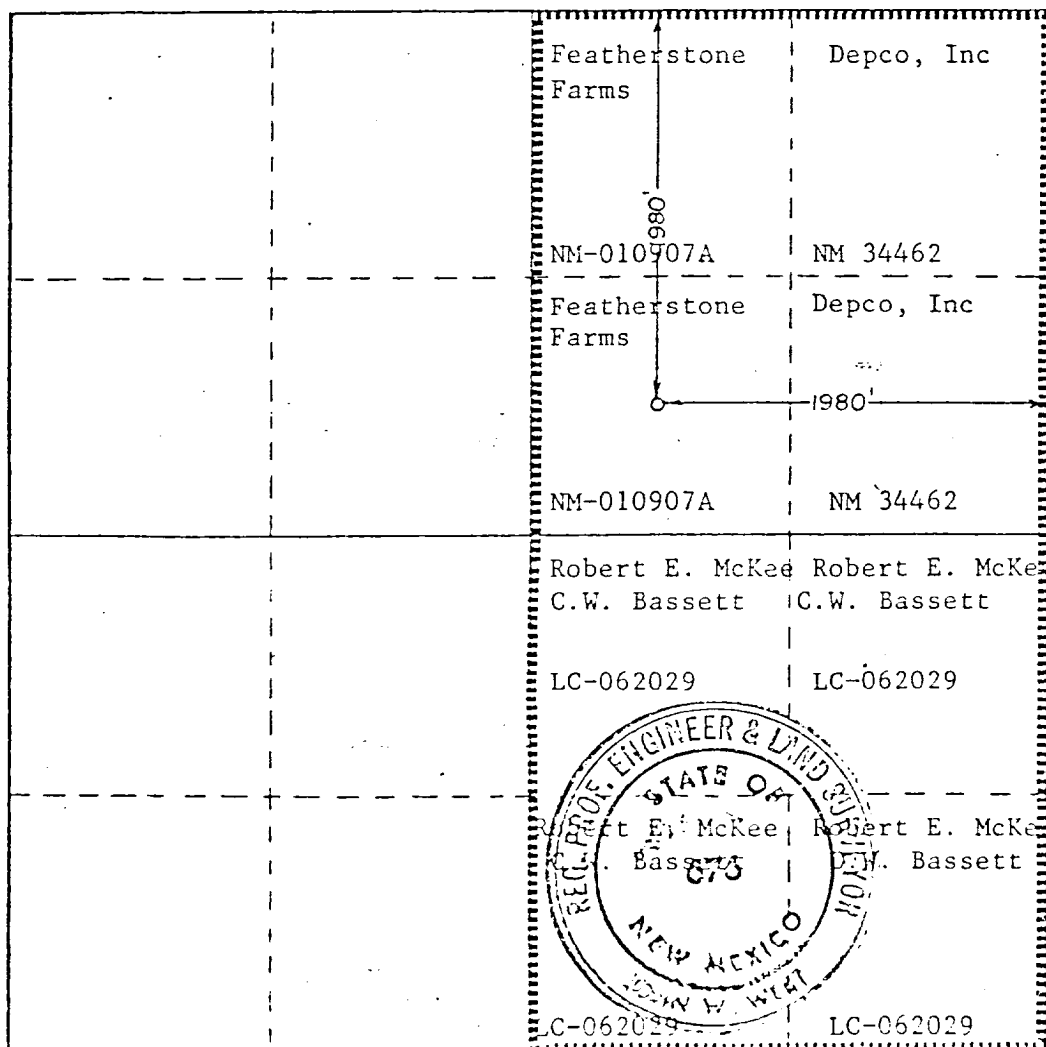
O. C. D.

ARTESIA, OFFICE

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

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

[Signature]
Position
District Operations Engineer
Company
Southland Royalty Company
Date
6/19/81

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
March 4, 1980
Registered Professional Engineer
and Land Surveyor

[Signature]
Certificate No. JOHN W. WEST 675
PATRICK A. ROMERO 6663
RONALD J. EDGEM 3219