

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
O. C. D.
ARTESIA, OFFICE

RECEIVED BY

SUBMIT IN TRIPlicate*

AUG 29 1984
One instructions on reverse side)Form approved.
Budget Bureau No. 42-R1425.

C/5K

30-015-24983
5. LEASE DESIGNATION AND SERIAL NO.

LC-063621

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Holly "8A" Federal Com

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated (Morrow)

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

Sec. 8, T-18-S, R-30-E

12. COUNTY OR PARISH 13. STATE

Eddy

NM

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

21 Desta Drive, Midland, Texas 79705

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

At surface

1980' FSL & 1650' FWL, Sec. 8, T-18-S, R-30-E

At proposed prod. zone

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

3 miles South of Loco Hills, New Mexico

15. DISTANCE FROM PROPOSED*

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

1650'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

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

NA

19. PROPOSED DEPTH

11,700'

20. ROTARY OR CABLE TOOLS

Rotary

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

3506.7' GR

22. APPROX. DATE WORK WILL START*

8-27-84

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	275'	300 sx. Circulate
11"	8 5/8"	24-28#	3350'	2000 sx. Circulate
7 7/8"	5 1/2"	17#	11,700'	1200 sx - Volume may vary w/upper zone development (TOC by Temp Survey)

Set surface csg @ 275' Anhydrite. Circ cmt. Drl 11" hole w/brine wtr & set 8 5/8" csg @ 3350'. Circ cmt. Drl to TD to tst Morrow & intermediate horizons. If commercial, run 5 1/2" csg to TD. Cmt w/sufficient volume to bring above all prospective zones. Estimated TOC @ 8500'. Perf & stimulate Morrow for production.

MUD PROGRAM: 0-275' spud mud; 275-3350' brine wtr; 3350-10,200' cut brine wtr; 10,200-TD cut brine, gel, Drispac, Flo-Sal & 3% KCl. MW 9.0-9.2, VIS 32-36, FL 6 cc thru Morrow. BHP @ TD expected to be 4000 psi.

BOP PROGRAM: BOP to be installed on 13 3/8" Double 10" Ser 900. BOP to be installed on 8 5/8" Double 10" Ser 900 plus 10" Ser 900 Hydril plus drilling head. Test BOP w/Yellow Jacket, Inc. after setting on 8 5/8". Test BOP @ 8000'.

GAS NOT DEDICATED

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

Danell Roberts

TITLE

Operations Engineer

DATE

7/27/84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Earl Cunningham

TITLE

District Manager

CONDITIONS OF APPROVAL, IF ANY:

DATE

8-23-84

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

*See Instructions On Reverse Side