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SANTA FE	
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U.S.G.S.	
LAND OFFICE	
OPERATOR	

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 Rec & DHC

SINGLE ZONE ☐

MULTIPLE ZONE ☒

2. Name of Operator

Amoco Production Company

3. Address of Operator

P.O. Box 68, Hobbs NM 88240

4. Location of Well

UNIT LETTER B

LOCATED 660

FEET FROM THE North LINE

AND 1980

FEET FROM THE East

LINE OF SEC. 9

TWP. 21-S

RCC. 37-E

NMSP

7. Unit Agreement Name

8. Farm or Lease Name

Southland Royalty 'A'

9. Well No.

2

10. Field and Pool, or Wildcat

Blin-Drkd-Tubb

12. County

Lea

11. Elevations (show whether DT, RL, etc.)

3482' DF

21A. Kind & Status Plug Bond

Blanket-on-File

19. Proposed Depth

6740'

19A. Formation

Blin-Drkd-Tubb

20. Rotary or C.T.

Rotary

21B. Drilling Contractor

N/A

22. Approx. Date Work will start

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17"	13 3/8"	48#	225'	150	Circ.
12 1/4"	9 5/8"	36#	1409'	700	Circ.
8 3/4"	7"	20 + 23#	6740'	3000	Circulated

Propose to recomplete in Blinbury and DHC the Blinbury, Tubb, and Drinkard in accordance with NMOC Order R-7537 as follows: Kill well and pull rods, pump, and plug. RIH with RBP, set at $\pm 6000'$ and test. Load hole with clean 2% KCl fresh and run GR/CCL log from PBTD ($\pm 6703'$) to $\pm 4703'$. RIH with 4" gun and perforate 5752-56', 5766-70', 5800-03', 5812-24', 5843-46', 5886-90', 5917-21', and 5930-46' w/ 4 JSPP. RIH 015 NMOC, H 1-J.R. Barnett, Han Rm 21.156 1-F.J. Nash, Han Rm 4.206 1-GCC

ABOVE SPACE DESCRIBE PROPOSED PROGRAM IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Gary C. Clark

Title Asst. Admin. Analyst

Date 9-28-84

(This space for State Use)

ORIGINAL SIGNED BY STATE ENGINEER

APPROVED BY DISTRICT SUPERVISOR

TITLE

OCT - 3 1984

CONDITIONS OF APPROVAL, IF ANY

with retrieving head for RBP, treating plr., and workstring. Set plr. @ $\pm 5865'$. Run before treatment GR/Temp survey from $\pm 6000'$ to $5750'$. Swab down thg to clean out perfs. Acidize down thg with 1200 gals of 15% HCl w/additives. Tag all acid with RA material. Flush acid to formation with 30 bbls of clean 2% HCl fresh. Run after treatment GR/Temp survey. Reset RBP @ $\pm 5865'$, reset plr. at $\pm 5700'$. Run before treatment GR/Temp survey from $\pm 5865'$ to $5550'$. Swab down thg to clean out perfs. Acidize down thg with 1200 gals of 15% HCl w/additives. Tag all acid with RA material. Flush acid to formation with 30 bbls of clean 2% HCl fresh. Run after treatment GR/Temp survey. Reset RBP at $\pm 6100'$ and pressure test, reset plr. at $\pm 5700'$. Swab back load and evaluate Blineline production. If further stimulation is needed frac as follows: Frac down 2 3/8" workstring with 36500 gals of 40" HPG X-linked gelled 2% HCl water containing 53,500 lbs of 20/40 Ottawa sand. Load backside with clean 2% HCl fresh and pressure up to 1000 psi max. Flush with 33 bbls non-X-linked 40" gelled HCl water. Shut-in well until SITP = 0 or min of 3 hrs. Flow and swab back load to evaluate production. Release plr. drop down and release RBP and POH. RIH with original production string and land 2 3/8" seating nipple at $\pm 6560'$. Run rods and pump. Pump test 1 wk and recover load. Perform scale squeeze, shut well in for 24 hrs., and return well to production.

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