

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 ☐

2. NAME OF OPERATOR
W. C. Blanks

3. ADDRESS OF OPERATOR
302 Building of the Southwest, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 1980' FSL & 990' FWL

At proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
25 miles east of Carlsbad

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)
990'

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.
None

19. PROPOSED DEPTH
4300 PBD

20. ROTARY OR CABLE TOOLS
Workover Unit

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3265.2' GL 3281' KB

22. APPROX. DATE WORK WILL START*
5-20-79

5. LEASE DESIGNATION AND SERIAL NO.
NM 055038

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Big Eddy Unit

8. FARM OR LEASE NAME

9. WELL NO.
67

10. FIELD AND POOL, OR WILDCAT
Wildcat (Atoka)

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
15, 21S, 30E

12. COUNTY OR PARISH
Eddy

13. STATE
New Mexico

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	65	525'KB	650 sacks - circulated
15"	10 3/4"	51	3600'KB	2500 sacks - circulated
9 1/2"	7 5/8"	26.4 - 33.7	12350'KB	900 sacks - top of cement at 9040' KB.
6 1/2"	4 1/2"	11.6	13248'KB	350 sacks - circulated

PROPOSED PROGRAM

1. Plug Atoka perforations 11,926 - 32' KB (14 - 0.33") by setting a Cast Iron Bridge plug at 11,800' KB and dumping 35 feet of cement on top.
2. Cut and pull 7 5/8" casing from 9000' KB; place 200' cement plug 100 feet into stub and 100 feet above stub. **
3. Set a 150 foot cement plug 7500' to 7350' KB.
4. Set a 150 foot cement plug 6000' to 5850' KB.
5. Set a 150 foot cement plug 4650' to 4500' KB.
6. Run 5 1/2" casing (14#/ft., K-55, ST & C) to approximately 4250' KB.
7. Cement back to approximately 3000' KB (600 feet into 10 3/4" casing).
8. Attempt completion in Delaware Sands 3650' to 3960' KB.

**NOTE: Should pipe part above 9000' KB; set a 100 foot plug at 9000' KB; then plug stub as above.

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 *[Signature]* TITLE Consultant DATE 5-4-79
(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE MAY 11 1979
APPROVED BY *[Signature]* TITLE ACTING DISTRICT ENGINEER DATE MAY 11 1979
CONDITIONS OF APPROVAL, IF ANY:

COUNTY	EDDY	FIELD	Wildcat	STATE	NM
OPR	BLANKS, W. C.			API	30-015-22708
NO	67	LEASE	Big Eddy Unit	MAP	
	Sec 15, T21S, R30E			CO-ORD	4-1-17 NM
	1990' PSL, 990' FWL of Sec				
	20 mi NE/Carlsbad			SPD	10-18-78
				CMP	3-1-79
	10' at 225' w/650 sx			WELL CLASS: INIT	D FIN WFD ELEV
	10 3/4' at 3600' w/2200 sx			FORMATION	DATUM
	7 5/8' at 12,350' w/900 sx			FORMATION	DATUM
	4 1/2' at 12,093-13,248'				
				TD 13,250' (WDFD)	PBD 12,040'
IT (Atoka) Perfs 11,926-932' CAOF 1234 MCFGPD. GOR Dry; gty					
(Csg) 667; SIWHP 3614#; SIBHP 4209#					

OPR SELEV	3265' GL	PD 13,200' RT
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F.R. 9-18-78
 (Atoka)
 4-7-79 AMEND FIELD: Formerly reported as Maroon
 Cliffs
 10-24-78 Drlg 2754'
 10-31-78 Drlg 4150'
 11-7-78 Drlg 7645'
 11-14-78 Drlg 9390'
 11-28-78 Drlg 10,915'
 12-5-78 Drlg 11,553'
 12-12-78 Drlg 12,145'
 12-19-78 Drlg 12,350'
 12-26-78 Drlg 12,985'
 1-4-79 TD 13,250'; Rng Csg
 1-9-79 TD 13,250'; WOCU

4-1-17 NM

EDDY
BLANKS, W. C.

Wildcat
67 Big Eddy Unit
Sec 15, T21S, R30E

NM
Page #2

1-23-79 TD 13,250'; Prep Perf
1-31-79 TD 13,250'; Prep Sqze
Perf (Morrow) 13,086-088', 13,093-098',
13,106-110' w/13 shots
Acid (13,086-110') 1500 gals (7 1/2%)
Swbd 80 BLW & FW in 6 hrs (13,086-110')
2-6-79 TD 13,250'; Swbg
Swbd 48 BLW in 8 hrs (13,086-110')
3-13-79 TD 13,250'; PBD 12,040'; Tstg
Sqzd 13,086-110' w/100 sx
Set CIBP @ 13,061'
Perf (Morrow) 13,006-042' w/10 shots

4-1-17 NM

3-3-79 Continued
Acid (13,006-042') 2000 gals (7 1/2%)
Swbd 1d w/NS (13,006-042')
Set CIBP @ 12,960'
Perf (Morrow) 12,708-786' w/18 shots
Acid (12,708-786') 2500 gals (7 1/2%)
Perf (Morrow) 12,374-512' w/17 shots
(overall)
Acid (12,374-512') 10,000 gals (15%)
Swbd dn w/NS (12,374-786')
Set CIBP @ 12,040'
Perf (Atoka) 11,926-932' w/14 shots
Acid (11,926-932') 250 gals (10%)
4-2-79 TD 13,250'; PBD 12,040'; Complete

4-1-17 NM