## SUBMIT IN TRIPLICATE\*

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

## UNITED ! TES DEPARTMENT OF HE INTERIOR

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  1a. TIPE OF WORK  DRILL  DEEPEN DEEPEN DEEPEN DILL BINGLE DONE  OIL DAME OF OPERATOR  Amoco Production Company  3. Address of Operator  P.O. Drawer A, Levelland, Texas 79336  4. Location of Well (Report location clearly and in accordance with any State requirements.*)  NM-18634 - A  6. IF INDIAN, ALLOTTEE OR TRIBE NAM  7. UNIT AGREEMENT NAME  8. FARM OR LEASE NAME Federal "H"  9. Well No.  10. FIELD AND FOOL, OR WILDCAT WIldcat-Morrow	UNITED 1 TO DEPARTMENT OF THE		reverse	ructions on e side)		
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  1a. TYPE OF WORK  DRILL X DEEPEN PLUG BACK  5. IF INDIAN, ALLOTTEE OR TRIBE NAM  7. UNIT AGREEMENT NAME  7. UNIT AGREEMENT NAME  8. FARM OR LEASE NAME  8. FARM OR LEASE NAME  Federal "H"  9. WELL NO.  3. ADDRESS OF OPERATOR  P.O. Drawer A, Levelland, Texas 79336  10. FIELD AND POOL, OR WILDCAT  Wildcat-Morrow						
DRILL X DEEPEN PLUG BACK 7. UNIT AGREEMENT NAME  b. type of well  oil GAR WELL OTHER BINGLE DONE 6. FARM OR LEASE NAME  7. UNIT AGREEMENT NAME  8. FARM OR LEASE NAME  Federal "H"  9. WELL NO.  1. Drawer A, Levelland, Texas 79336  10. FIELD AND FOOL, OR WILDCAT  At surface  Wildcat-Morrow			EN OR PLUG	BACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
b. TYPE OF WELL  OIL WELL  OR WELL  OTHER  BINGLE ZONE  BINGLE ZONE  8. FARM OR LEASE NAME Federal "H"  9. WELL NO.  10. FIELD AND FOOL, OR WILDCAT  At surface  Wildcat-Morrow	1a. TYPE OF WORK					
WELL WELL WOTHER ZONE ZONE S. FARM OR LEASE NAME  2. NAME OF OPERATOR  AMOCO Production Company  3. Address of Operator  P.O. Drawer A, Levelland, Texas 79336  4. Location of Well (Report location clearly and in accordance with any State requirements.*)  Wildcat-Morrow			PLUG BA	ACK □	7. UNIT AGREEMENT NAME	
Amoco Production Company  3. ADDRESS OF OPERATOR  P.O. Drawer A, Levelland, Texas 79336  10. FIELD AND FOOL, OR WILDCAT  At surface  Wildcat-Morrow	WELL WELL X OTHER				1	
P.O. Drawer A, Levelland, Texas 79336  10. FIELD AND FOOL, OR WILDCAT LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)  Wildcat-Morrow			interes di la constante di la			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)  Wildcat-Morrow		1				
At surface	P.O. Drawer A, Levelland, Texas 79	-				
TOOO! FC! O CCO! FU!! C OC /!! '! ! SULLA OLLAN   11. BEU, T., E., M., OR BLK.	At surrace	WIICCAT-MORYOW  11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA				
1980' FSL & 660' FWL Sec. 26 (Unit L, NW/4, SW/4)  At proposed prod. zone  11. BEC., T., E., M., OR BLK. AND SURVEY OR AREA  26-23-33	At proposed prod. zone	I .				
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*  12. COUNTY OR PARISH   13. STATE	14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR P	<u> </u>				
28 miles northwest of Jal, N.M. Lea NM	28 miles northwest of Jal, N.M.				1.	
LOCATION TO NEAREST 11. NO. OF ACRES ASSIGNED TO THIS WELL	10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OF LINES IN THE COLUMN TO THE				O. OF ACRES ASSIGNED	
18. DISTANCE FROM PROPOSED LOCATION* 19. PROPOSED DEPTH 90. POTATE OR CANADA DEPTH	18. DISTANCE FROM PROPOSED LOCATION*		320 19. PROPOSED DEPTH		20. ROTABY OR CABLE TOOLS	
on applied for, on this lease, ft. 15,000 Rotary	OR APPLIED FOR, ON THIS LEASE, FT.	1	5,000	_		
21. ELEVATIONS (Show whether DF, RT, GR, etc.)  3660.1 GL  22. APPROX. DATE WORK WILL START May 31, 1978					May 31, 1978	
23. PROPOSED CASING AND CEMENTING PROGRAM						
SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT		FOOT	SETTING DEPTH		QUANTITY OF CEMENT	
20" 16" 65# 800' Circulate 14 3/4" 10 3/4" 40.5#-45.5# 5200' Circulate	0011	<b>-</b> //				
or carace					Circulate Tie back to 10 3/4"	
6 1/2" 5" 18# 12,500' to 15,000' Tie back to 7 5/8"				,b00' T	ie back to 7 5/8"	
Propose to drill and equip well in the Morrow formation. After reaching TD, logs will be run and evaluated; perforate and stimulate as necessary in attempting	will be run and evaluated; perforat	the M te and	orrow formationstimulate as	necessa	ry in attempting	
commercial production. "APPRCVAL ID FLATE UNABLED"	commercial production.				"APPROVAL TO FLATE GRADIED	
Mud program: 0' - 800' - Native mud and fresh water				resn wa	ter	
800' - 5,200' - Native mud and brine water 5,200' - 12,800' - Commercial mud and cut brine water	800' - 5,200' 5,200' - 12,800'	- Na	tive mud and b	rine wa	ter	
12,800' - 15,000' - Commercial mud w/KCL for 6% system and cut bri	r 6% system and cut brine					
water. Mud weight 13.0 to 14.7#.		wa	ter. Mud weigh	t 13.0	to 14.7#.	
BOP program attached.	BOP program attached.			ه میدین	geng en h <b>ave</b> , general	
Gas is not committed.  Archaeological Clearance Report attached.						
Archaeological Clearance Report attached. Expires 1-26-78  IN ADOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new producti	·		EXDITES	8 - 26	- 74	
zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowd preventer program, if any.	zone. It proposal is to drill or deepen directionally, give pertine	nt data o	on subsurface locations	and measured	d and true vertical depths. Give blowout	
24.	24.					
BIGNED Administrative Analyst (SG) DATE 5-19-78	BIGNED Tomak	-TILE _A	dministrative	Analyst	(SG) <sub>DATE</sub> 5-19-78	
(This space for Federal or State office use)  SEE ATTACHED FOR  APPROVAL DATE  Administrative Analyst (SG) DATE 5-19-78  APPROVAL DATE	(This space for Federal or State office use)			•		
PERMIT NO. CONDITIONS OF APPROVAL DATE	PERMIT NO. CONDITIONS OF FOR		APPROVAL DATE	-		
APPROVED BY	APPROVED BY	'ITLE			. APPR□VED	
O + 5 - USGS - H  AS AMENDED	CONDITIONS OF APPROVAL, IF ANY:				AS AMENDED	
1 - Div MAY 2 6 1978	1 - Div				MAY 2 6 1978	
1 - Susp 1 - RC *See Instructions On Reverse Side \( \alpha \cdot \alpha \cdot \delta \cdot \del		ructions	On Reverse Side		a. a.t.	

MMAD WOUTANIHARMIN III)