Form 9-331 C (May 1963)

CONS. COMMISSION ArtHAFFET STATES DEPARTMENT OF THE INTERIO

(Other instructions on

Form approved. Budget Bureau No. 42-R1425.

30-*015-*24819

FVSF	DESIGNATION	AND	SFRI
IM	0311/0	a	

		SICAL SURVE			υ	NM 0311499		
APPLICATION	N FOR PERMIT T	O DRILLAD	EEPEN	A TOP WILLSAM	K SKE	6. F INDIAN, ALLOTTEE	OR TRIBE NAME	
la. TYPE OF WORK	LL X	DEEPEN [<u> </u>	PLUG BAC	v 🗆 📗	7. UNIT AGREEMENT NA Burton Flat No.14-08-000		
b. TYPE OF WELL OIL X GA	AS OTHER	i. i	SING	LE X MULTIPLE ZONE	E _	8. FARM OR LEASE NAM		
2. NAME OF OPERATOR	MONGANIBO	COMPANY	/			Burton Flat I	Deep Unit	
3. ADDRESS OF OPERATOR	MONSANTO OIL					31		
	1300 One Fir 500 West Tex	as, Midla	nd,]	Texas 79701		10. FIELD AND POOL, OF	WILDCAT	
At surface	eport location clearly and FSL 330'FEL			00C 00H	\sim	Wildcat-	ene Spring	
At proposed prod. zon				W	t, P	Sec.34-20		
14. DISTANCE IN MILES	AND DIRECTION FROM NEAR	EST TOWN OR POST	OFFICE*			12. COUNTY OR PARISH	13. STATE	
Approximate	ely 8 miles n	ortheast	of Ca	arlsbad, N.M	I .	Eddy	N.M.	
10. DISTANCE FROM PROPUSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig, unit line, if any)			3	of acres in lease	то т	NO. OF ACEES ASSIGNED TO THIS WELL 4 ()		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1360.6*			19. PROP	OSED DEPTH		Rotary or cable tools		
21. ELEVATIONS (Show who						As soon as po		
23.	P	PROPOSED CASIN	IG AND	CEMENTING PROGRA	M			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FO	оот	SETTING DEPTH		QUANTITY OF CEMEN	T	
17-1/2"	13-3/8" H -40	48.0# ST	T&C	600 ' ±	500	sx Circulate	ed	
<u> </u>	8-5/8" J-55	24.0# ST	T&C	2500'±		sx Circulate		
7-7/8"	5-1/2" K-55	15.5# L	r&C	5700 ' ±		sx Sufficien		
	1	I	'	•	_	ate all wate gas zones.	er, OII	

Propose to drill to approximately 5700' to test Bone Spring and intermediate formations.

See attached "Supplemental Data" for casing program and pressure control details.

If commercial production is indicated, the well will be completed in the deepest formation, by cementing production casing, perforating and stimulating. Run 2-7/8" tubing and test well.

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 TERRY W LONG	Agent	March	5,	1984
	(This space for Federal or State office use)	1			
	PERMIT NO.	APPROVAL DATE			
		Bigtmint Manager	MAD) r -	ia@A

APPROVED BOTIG. Sgd. Earl R. Cunningham

Post a P9 12 - 12 lef Bk. 3-30-84

DATE MAK Z 6 130-APPROVAE SUBJECT TO > GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS

CONDITIONS OF APPROVAL, IF ANY:

ATTACHED

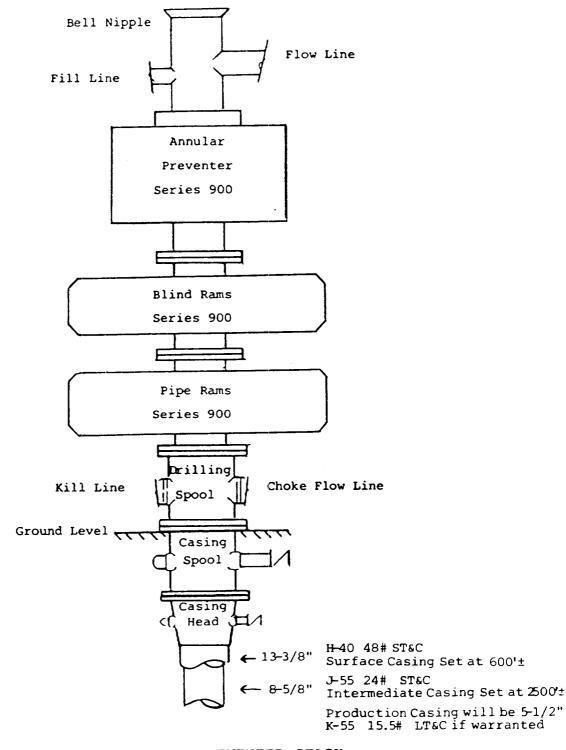
NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Effective 1-1-65

All distances must be from the outer boundaries of the Section.

MONSANTO CO	MPANY	BURTON FLA	T UNIT	Well No. #31
P Certish 34	Township 20~S	Fange 28-E	County	
Actual Fortage Location of Welli 330 Freet from the Si	OUTH line and	330' feet	from the EAST	line
3193 For focing For Bone	 			Sedicated Acreage: 40 Acres
1. Outline the acreage dedica		by colored pencil o	r hachure marks on th	*
2. If more than one lease is interest and royalty).	dedicated to the well, o	outline each and ide	ntify the ownership th	hereof (both as to working
3. If more than one lease of d dated by communitization, u		etc?		all owners been consoli-
[X] Yes [No If an	iswer is "yes;" type of (onsolidation	Unitization	
If answer is "no," list the this form if necessary.) No allowable will be assigned forced-pooling, or otherwise)	d to the well until all in	terests have been c	onsolidated (by com	munitization, unitization,
sion.		1		CERTIFICATION
		1 	tained he best of m	certify that the information con- rein is true and complete to the y knowledge and belief.
			Fosition Age	
,		 	Cong. By	TO OIL COMPANY
		1	leate Marc	h 5, 1984
			shown on notes of under my is true of knowledg FEB2 Date Sulvey RICHAR Registered and/or Lat.	D'B. DUNIVEN Profession de Leginoet
336 666 90 1320 1650 198	r 2310 2640 2000	1500 1000 5	Certificate	4882

MONSANTO OIL COMPANY
No.31 Burton Flat Deep Unit
SE\sE\sec.34-20S-28E
Eddy County, N.M.



THE BLOWOUT PREVENTER STACK

3000 Psi Working Pressure

SUPPLEMENTAL DRILLING DATA

MONSANTO OIL COMPANY
No.31 Burton Flat Deep Unit
SE\sE\sec.34-20S-28E
Eddy County, N.M.

NM 0311499

The following items supplement Form 9-331C in accordance with Onshore Oil and Gas Order No.1:

- 1. SURFACE FORMATION: Recent (Aeolian)
- 2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Rustler	100'	Brushy Canyon	4085'
Yates	1150'	"F2" Marker	4295'
Cherry Canyon	2750 '	Bone Spring	5270 '
"D" Marker	4000'	Bone Spring Pay	5425 '

3. ESTIMATED DEPTHS TO WATER, OIL OR GAS FORMATIONS:

Fresh Water - Surface to about 200' Oil and Gas - 2750' to Total Depth of 5700'

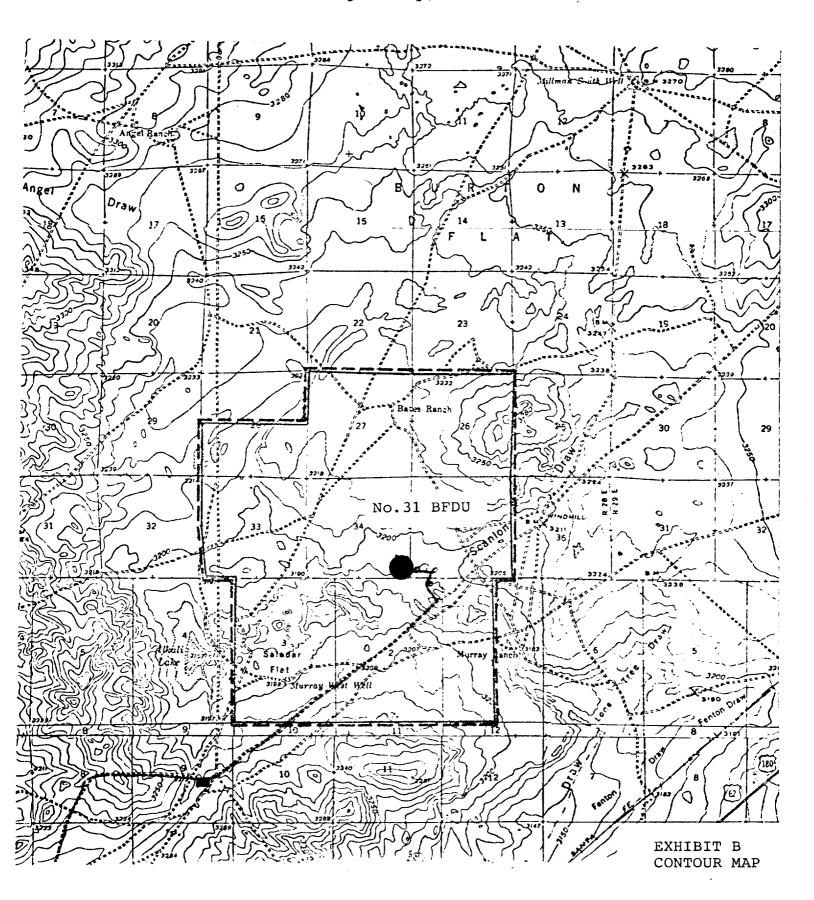
4. PROPOSED CASING PROGRAM:

- 13-3/8" Casing H-40, 48# ST&C casing will be set to 600' with cement circulated.
 - 8-5/8" Casing J-55, 24# ST&C casing will be set to 2500'± with cement circulated.
 - 5-1/2" Casing K-55, 15.5# LT&C casing will be set thru the producing zone and cemented to isolate all oil, gas and water zones.

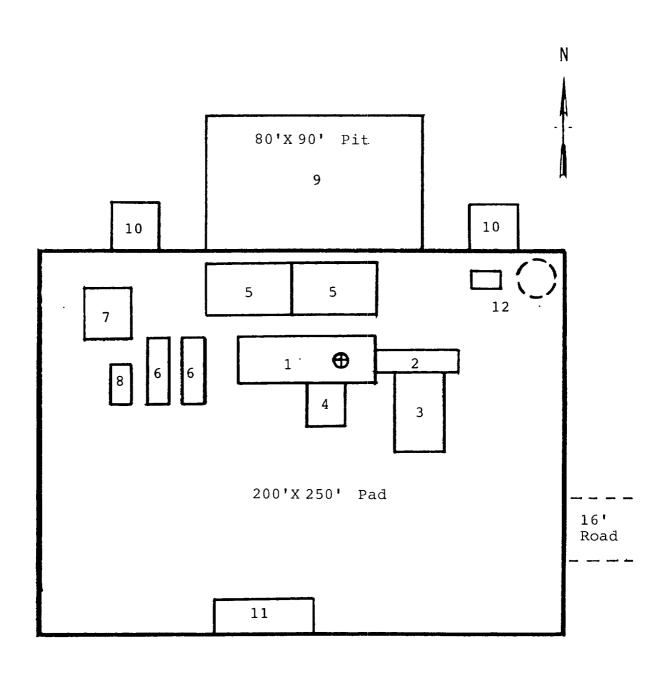
Intermediate and production casing strings will be tested to 1000 psi.

5. PRESSURE CONTROL EQUIPMENT: Pressure control equipment will include a 3000#WP blowout preventer stack with Series 900 annular preventer and Series 900 blind and pipe rams. The BOP stack will include a kill line and choke manifold tested to 2000 psi. BOP hydraulic controls will be operated at least daily.

MONSANTO OIL COMPANY
No.31 Burton Flat Deep Unit
SE¼SE¼ Sec.34-20S-28E
Eddy County, N.M.



MONSANTO OIL COMPANY No.31 Burton Flat Deep Unit SE\sE\sec.34-20S-28E Eddy County, N.M.



RIG LAYOUT

- 1. Substructure
- Catwalk
- 3. Pipe Rack
- 4. Doghouse
- 5. Mud Pits
- 6. Mud Pumps

- 7. Water Tank
- 8. Light Plant 9. Reserve Pit
- 10. Trash Pit
- 11. Trailer House12. Production Facilities