

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

c151
Form C-101
Revised October 18, 199
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator name and Address Marathon Oil Company P.O. Box 552 Midland, TX 79702		² OGRID Number 14021
⁴ Property Code	⁵ Property Name STINKING DRAW	³ API Number 30-0 15-27891
		⁶ Well No. 1

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
LOT 2	36 1/2	20.5-S	23-E		600	NORTH	1650'	EAST	EDDY

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
	36	20.5-S	23-E		660'	NORTH	1830	WEST	EDDY
⁹ Proposed Pool 1 SOUTH DAGGER DRAW, UPPER PENN ASSOC					¹⁰ Proposed Pool 2				

¹¹ Work Type Code P	¹² Well Type Code O	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3644' (G.L.)
¹⁶ Multiple N	¹⁷ Proposed Depth 9492' MD, 7578' TVD	¹⁸ Formation U. PENN	¹⁹ Contractor UNKNOWN	²⁰ Spud Date 9/1/98

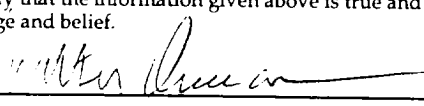
²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
* 12 25"	9 625"	36#	1200'	1000	CIRC
* 8 75"	7"	23#, 26#	8 002'	1160	CIRC

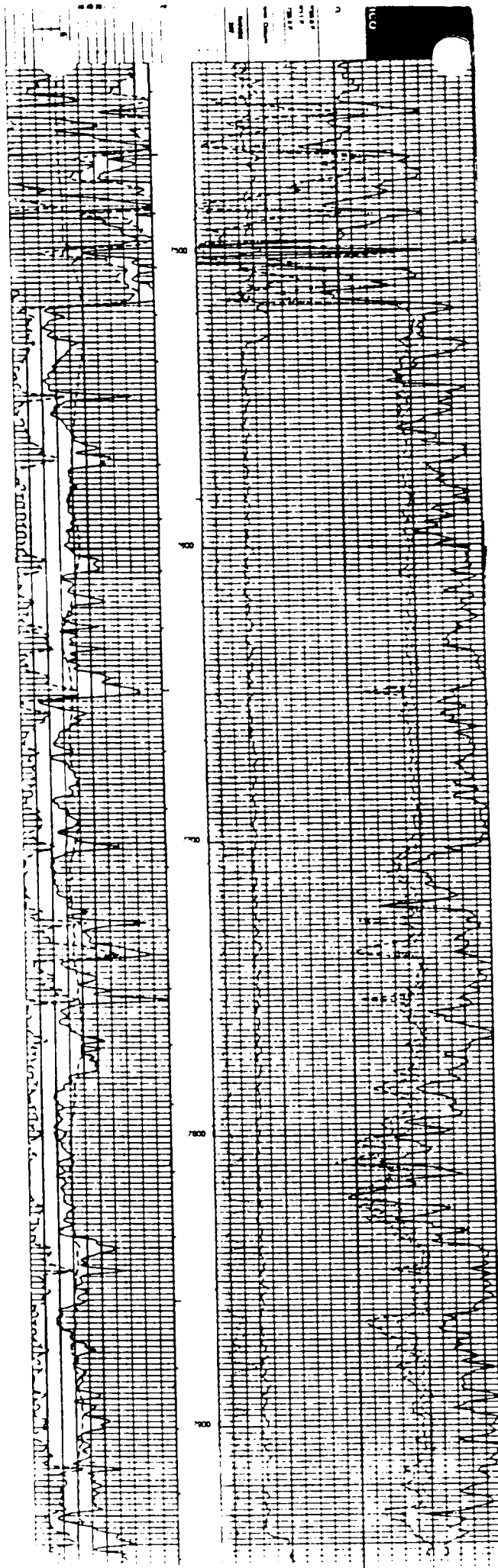
²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

PROPOSED TO PLUGBACK AND HORIZONTALLY DRILL TO A STANDARD BHL IN THE SOUTH DAGGER DRAW - UPPER PENN AS PER THE ATTACHED PROCEDURE. KOP - 7600'.

* CASING CEMENTED IN PLACE

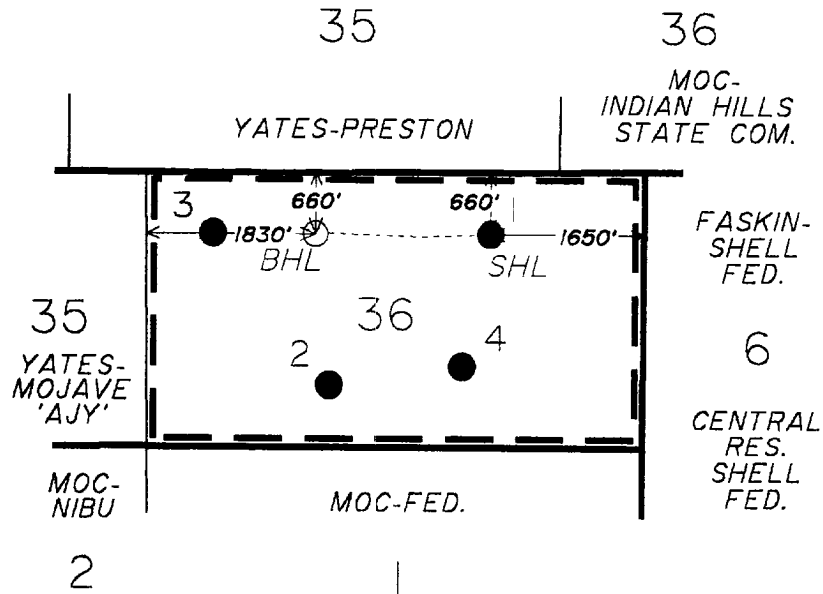
²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: 	OIL CONSERVATION DIVISION	
Printed name: D. R. HALL	Approved by: ORIGINAL SIGNED BY TIM W. GUM	BGA
Title: DRILLING SUPERINTENDENT	Title: DISTRICT II SUPERVISOR	
	Approval Date: 8-31-98	Expiration Date: 8-31-99

Upper Penn Formation



R 24 E

T
20.5
S



R 23 E



320 ACRE
PROJECT AREA

PRODUCING AREA
660' FROM ENDS & SIDES



MILE

MARATHON OIL COMPANY
MID-CONTINENT REGION

NORTH INDIAN BASIN
UNIT

**SOUTH DAGGER DRAW
(UPPER PENN ASSOC.)**

EDDY COUNTY, NEW MEXICO

STINKING DRAW #1

MARATHON OIL COMPANY

Structure : Sinking Draw No.1

Slot : slot #1

Field : INDIAN BASIN

Location : EDDY CO., NEW MEXICO

Bottom Hole Location
660' FNL & 3450' FEL
Section 36, T20.5S, R23E
Eddy County, New Mexico

Surface Location
660' FNL & 1650' FEL
Section 36, T20.5S, R23E
Eddy County, New Mexico

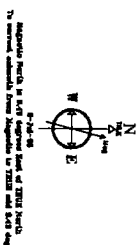
<-- West (feet)

T.D. & End of Build - 7578.00 Tvd, 0.00 S, 1800.50 W

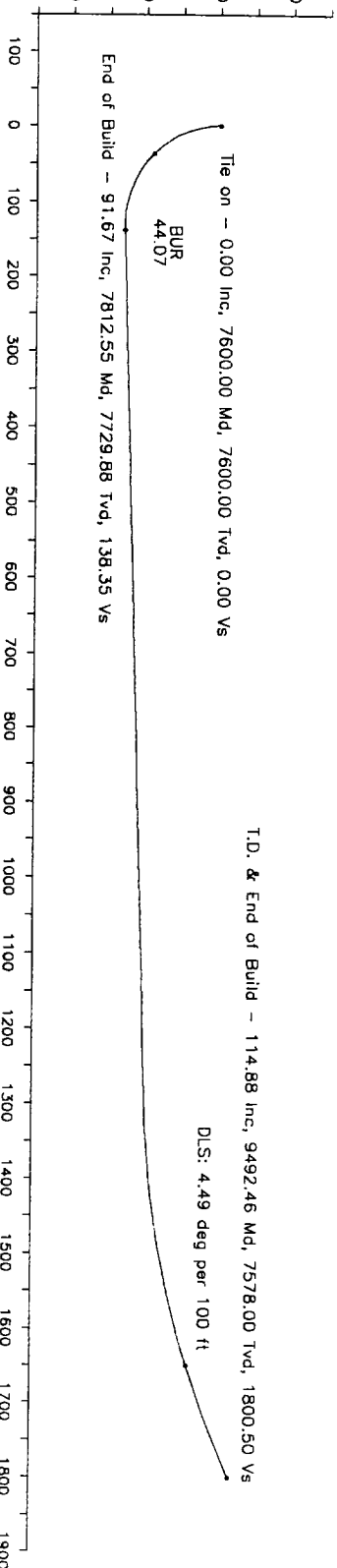
South (feet) -->

WELL PROFILE DATA

Point	MD	Inc	Dir	TVD	North	East	V. Sect	Depg/100
116 on	7600.00	0.00	270.00	7600.00	0.00	0.00	0.00	0.00
End of Build	7604.20	90.00	270.00	7758.00	0.00	-150.00	150.00	44.07
End of Build	7812.55	91.67	270.00	7728.88	0.00	-158.35	158.35	20.00
End of Hole	8073.04	91.67	270.00	7695.00	0.00	-1300.35	1300.35	0.00
T.D. & End of Build	9492.46	114.88	270.00	7578.00	0.00	-1800.50	1800.50	4.49



<- True Vertical Depth (feet)



Vertical Section (feet) -->

Azimuth 270.00 with reference 0.00 N, 0.00 E from slot #1