

30-000-29107

Form C-101
Revised 10-1-78

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

5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.
N.M. LG-2484

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

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. Name of Operator

Hamon Oil Company

Phone: 915-682-5218

3. Address of Operator

611 Petroleum Building, Midland, Texas 79701

4. Location of Well

UNIT LETTER C LOCATED 660' FEET FROM THE North LINE

AND 1980 FEET FROM THE West

LINE OF SEC. 36 TWP. 18-S RGE. 33-E NMPM

7. Unit Agreement Name

8. Farm or Lease Name

New Mexico 36 State Com

9. Well No.

2

10. Field and Pool, or Wildcat

E.K. Bone Spring

12. County

Lea

21. Elevations (Show whether DF, KT, etc.)

N.A.

21A. Kind & Status Plug. Bond

Blanket in Force

19. Proposed Depth

10,500'

19A. Formation

Bone Spring

20. Rotary or C.T.

Rotary

21B. Drilling Contractor

Hondo Drilling Company

22. Approx. Date Work will start

January 20, 1985

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48#	300	400	Circ. to surface
11"	8-5/8"	24 - 32#	3700	1200	Circ. to surface
7-7/8"	5-1/2"	15.50 & 17#	10,500	500	7500'

1. Drill 17-1/2" hole to 300', set 13-3/8" casing and cement to surface with 400 sx cement.
2. Drill 11" hole to 3700', set 8-5/8" casing and cement to surface with 1200 sx cement.
3. Install 3000# BOPs.
4. Drill 7-7/8" hole to T.D.
5. DST any significant shows of oil or gas.
6. Run electric logs.
7. If production is indicated, run 5-1/2" casing to T.D. and cement.
8. Perforate production zone and acidize and/or hydraulically fracture zone as needed.

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed B. W. Cozart (B. W. Cozart) Title Drilling Foreman

Date 1-14-85

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JAN 16 1985

**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.

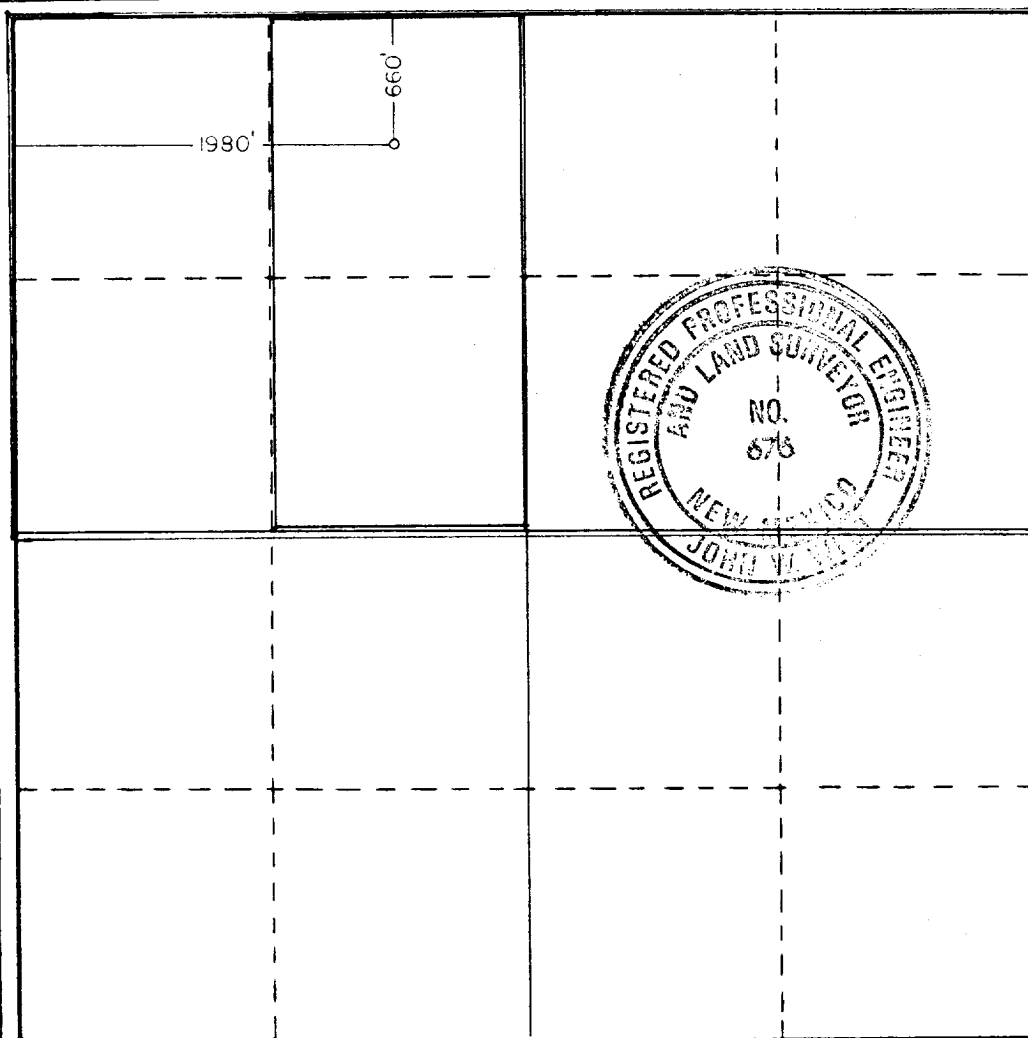
Operator HAMON OIL CO.			Lease NEW MEXICO 36 STATE COMM		Well No. 2
Unit Letter C	Section 36	Township 18S	Range 33E	County LEA	
Actual Footage Location of Well: 660 feet from the NORTH line and 1980 feet from the WEST line					
Ground Level Elev. 3835.2	Producing Formation Bone Spring		Pool E-K Bone Spring		Dedicated Acreage: 80 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

[Signature]

Name
B. W. Cozart

Position
Drilling Foreman

Company
Hamon Oil Company

Date
1-14-85

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
1/10/85

Registered Professional Engineer and/or Land Surveyor
[Signature]

Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 3239

0 330 660 990 1320 1650 1980 2310 2640 2000 1800 1000 800 0

COUNTY LEA FIELD E-K STAT. NM OK
 OPR HAMON OIL API 30-025-28786
 NO 1 LEASE N.M. "36" State Com. MAP
Sec 36, T18S, R33E COORD
660 FNL, 1980 FEL of Sec 3-1-37 NM
13 mi SE/Maljamar ResPD 12-18-84 ReCMP 1-18-85

	WELL CLASS: INIT DX FIN DO LSE CODE			
	FORMATION	DATUM	FORMATION	DATUM
13 3/8-308-350 sx				
8 5/8-3700-1525 sx				
5 1/2-13,627-960 sx				
2 3/8-7550				
	TD 13,650 (MSSP)		PBD 13,110	

IP (Bone Spring) Perfs 9474-9526 P 148 BOPD + 2 BW. Pot
 based on 24 hr test. GOR 1155; gty 36.5

CONTR OPRSELEV 3841 GR SUBS

F.R.C. 3-2-85 OWWC
 PD 13,110 WD
 (Orig. Cmp. 11-12-84 thru (Morrow) Perfs
 13,234-13,358, OTD 13,650, OPE 13,579)
 2-25-85 TD 13,110; Complete
 PB to 13,110
 Perf (Bone Spring) 9474-9526 w/54 shots
 Acid (9474-9526) 3000 gals (15% HCL)
 Frac (9474-9526) 43,266 gals gel (7 1/2% HCL)
 + 18,545 gals CO2 + 150,730# sd
 3-2-85 COMPLETION ISSUED

3-1-37 NM
 IC 30-025-70093-23



COUNTY	LEA	FIELD	Wildcat	STATE	NM
OPR	HAMON OIL			API 30-025-28786	
NO	1	LEASE	N.M. "36" State Com.		MAP
	Sec 36, T18S, R33E			CO-ORD	
	660 FNL, 1980 FEL of Sec			12-2-21 NM	
	13 mi SE/Maljamar			SPD 7-9-84	CMP 11-12-84
CSC	WELL CLASS: INIT WF FINWFD LSE. CODE				
13 3/8-308-350 sx	FORMATION		DATUM		
8 5/8-3700-1525 sx					
5 1/2-13,627-960 sx					
2 3/8-13,146					
	TD 13,650 (MRRW)		PBD 13,579		
IP (Morrow) Peris 13,234-13,358 CAOF 1102 MCFGPD. GOR					
69,846; gty (Gas) .735; (Cond) 61.5; SIWHP 2350; SIBHP 2557					

CONTR	Hondo #4	OPRSELEV	3850 GR	SUBS	14
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F.R. 7-2-84
 PD 13,000 RT (Morrow)
 7-16-84 Drlg 4130
 7-23-84 Drlg 7666
 7-30-84 TD 9585; Circ
 DST (Bone Spring) 9485-9585, op 3 hrs
 30 mins, rec 544 FT WTR w/TR OIL, 30 min
 IFP 66-132, 1 hr ISIP 2321, 3 hr FFP 132-263,
 6 hr FSIP 2892, HP 4126-4126
 8-6-84 Drlg 11,290
 8-13-84 Drlg 12,525
 8-20-84 TD 13,170; Prep DST
 DST (Atoka) 12,570-12,807, op 3 hrs
 30 mins, rec 2000 FT WCUSH + 837 FT DMUD
 + 1116 FT SGCFW w/NSO (Sample chamber rec
 2300 CC WTR + .1 CFT GAS @ 375), 30 min
 IFP 871-1003, 1 hr ISIP 6490, 3 hr FFP
 12-2-21 NM

LEA
HAMON OIL

Wildcat
1 N.M. "36" State Com.
Sec 36, T18S, R33E

NM
Page #2

8-20-84	Continued 1029-1629, 6 hr FSIP 6490, HP 6516-6490, BHT 168 deg
8-27-84	TD 13,650; Rng Logs DST (Atoka) 13,080-13,170, op 2 hrs 30 mins, rec 2000 FT WCUSH + 4000 FT MCFW, 30 min IFP 969-1423, 1 hr ISIP 6772, 2 hr FFP 1480-2617, 4 hr FSIP 6772, HP 7396-7170, BHT 176 deg Drlg breaks 13,251-13,259, 13,285-13,305, 13,326-13,339, 13,342-13,351, 13,369-13,374 No Cores
9-4-84	TD 13,650; WOCT
	12-2-21 NM

9-17-84	TD 13,650; PBD 13,579; Prep Acid Perf (Morrow) 13,234-13,242, 13,268-13,274, 13,278-13,288, 13,292-13,296, 13,326-13,358 w/50 shots
10-1-84	TD 13,650; PBD 13,579; Prep Frac Acid (13,234-13,358) 7500 gals (7 1/2% MS) Flwd 231 MCFGPD (no oil) (13,234-13,358)
10-16-84	TD 13,650; PBD 13,579; Tstg Frac (13,234-13,358) 72,742 gals + 75,000# sd Flwd 259 MCFG in 24 hrs (13,234-13,358)
10-29-84	TD 13,650; PBD 13,579; Tstg Flwd 259 MCFG + 14 BO in 24 hrs (13,234-13,358)
11-15-84	TD 13,650; PBD 13,579; WOPT CAOF 1102 MCFGPD (13,234-13,358)
12-3-84	TD 13,650; PBD 13,579; Complete
	12-2-21 NM

LEA
HAMON OIL

12-3-84

Wildcat
1 N.M. "36" State Com.
Sec 36, T18S, R33E

NM
Page #3

Continued

Morrow Discovery

(Morrow) FOUR POINT GAUGES:

Flwd 119 MCFGPD, 3/64 chk, 60 mins, TP 2177

Flwd 204 MCFGPD, 4/64 chk, 60 mins, TP 2045

Flwd 339 MCFGPD, 6/64 chk, 60 mins, TP 1872

Flwd 499 MCFGPD, 8/64 chk, 60 mins, TP 1627

Will re-issue when additional information
becomes available

BHT 207 deg @ 13,298

COMPLETION ISSUED

12-2-21 NM
IC 30-025-70309-84

12-8-84