

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-21070

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

Eastern Petroleum Company

3. ADDRESS OF OPERATOR

P. O. Box 291 Carmi, Illinois 62821

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

330 FEL 2450 FSL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

9 miles SW to Shiprock New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

40 acres

19. PROPOSED DEPTH

1300 ft.

17. NO. OF ACRES ASSIGNED
TO THIS WELL

2 1/2 acres

20. ROTARY OR CABLE TOOLS

0-1300 ft.

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5321

22. APPROX. DATE WORK WILL START*

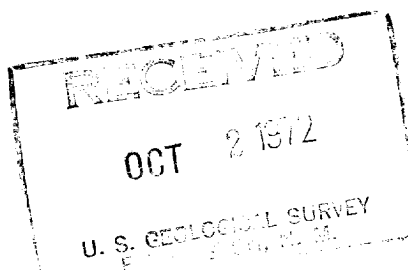
Sept., 1972

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
83/4	7#	24#	17.5	5sx
61/8	4#	9.5#	TD	as required

Propose to drill and test the Dakota Sandstone.
If productive, will run and set 41/2 csg. to TD/



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

Sandra Nightingale

TITLE

Secretary

DATE

9-15-72

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

GA

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-172
Supersedes O-128
Effective 1-1-55

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

Operator Eastern Petroleum Company		Lease Navajo		Well No. 305
Unit Letter I	Section 2	Township 29 N	Range 19 W	County San Juan
Actual Footage Location of Well: 2450 feet from the South line and 330 feet from the East line				
Ground Level Elev. 5321	Producing Formation	Pool	Dedicated Acreage 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 _____

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.

Name Andra Lightingle
Position Secretary
Company Eastern Petroleum
Date 9/15/72

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

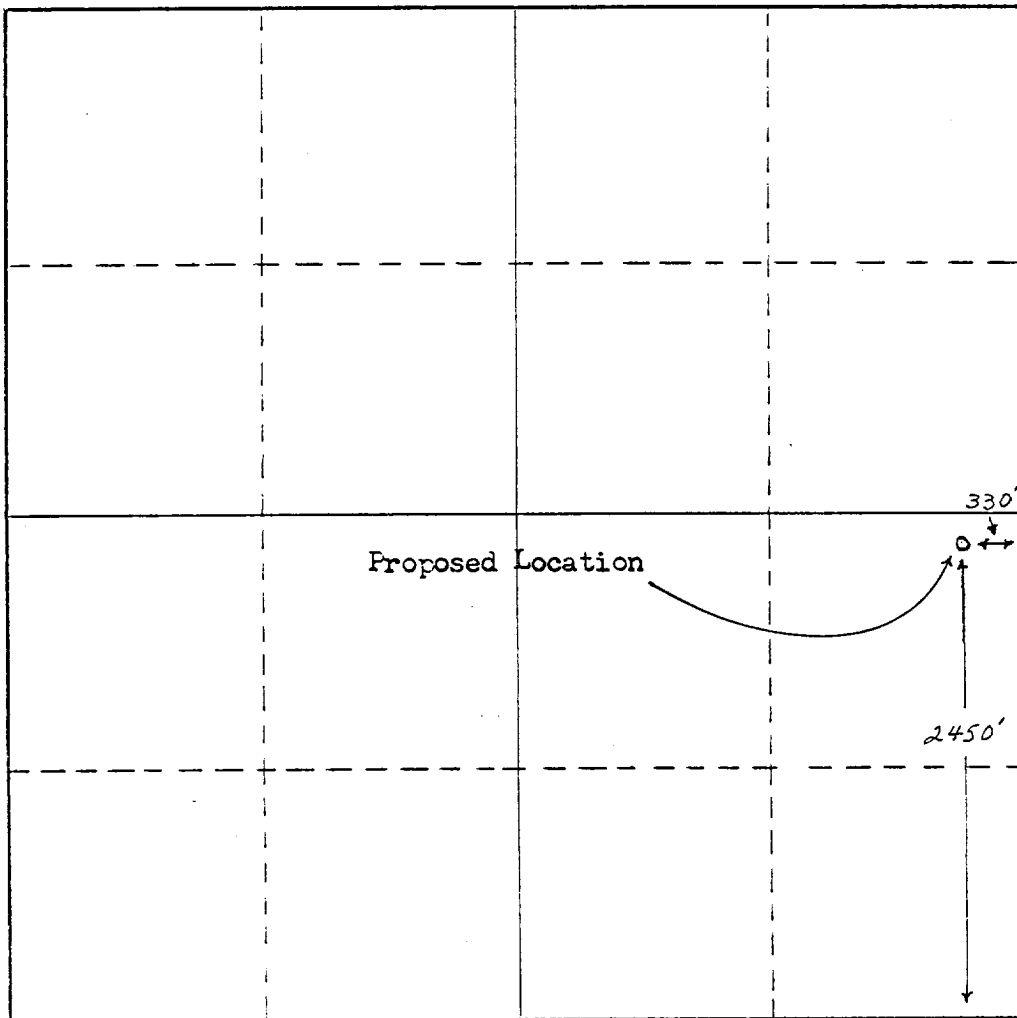
Sep. 13, 1972

Registered Professional Engineer and/or Land Surveyor

Orndrick H. Reid

Certificate No.

3795



0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900 10230 10560 10890 11220 11550 11880 12210 12540 12870 13200 13530 13860 14190 14520 14850 15180 15510 15840 16170 16500 16830 17160 17490 17820 18150 18480 18810 19140 19470 19800 20130 20460 20790 21120 21450 21780 22110 22440 22770 23100 23430 23760 24090 24420 24750 25080 25410 25740 26070 26400 26730 27060 27390 27720 28050 28380 28710 29040 29370 29700 30030 30360 30690 31020 31350 31680 32010 32340 32670 33000 33330 33660 33990 34320 34650 34980 35310 35640 35970 36300 36630 36960 37290 37620 37950 38280 38610 38940 39270 39600 39930 40260 40590 40920 41250 41580 41910 42240 42570 42900 43230 43560 43890 44220 44550 44880 45210 45540 45870 46200 46530 46860 47190 47520 47850 48180 48510 48840 49170 49500 49830 50160 50490 50820 51150 51480 51810 52140 52470 52800 53130 53460 53790 54120 54450 54780 55110 55440 55770 56100 56430 56760 57090 57420 57750 58080 58410 58740 59070 59400 59730 60060 60390 60720 61050 61380 61710 62040 62370 62700 63030 63360 63690 64020 64350 64680 65010 65340 65670 66000 66330 66660 66990 67320 67650 67980 68310 68640 68970 69300 69630 69960 70290 70620 70950 71280 71610 71940 72270 72600 72930 73260 73590 73920 74250 74580 74910 75240 75570 75900 76230 76560 76890 77220 77550 77880 78210 78540 78870 79200 79530 79860 80190 80520 80850 81180 81510 81840 82170 82500 82830 83160 83490 83820 84150 84480 84810 85140 85470 85800 86130 86460 86790 87120 87450 87780 88110 88440 88770 89100 89430 89760 90090 90420 90750 91080 91410 91740 92070 92400 92730 93060 93390 93720 94050 94380 94710 95040 95370 95700 96030 96360 96690 97020 97350 97680 98010 98340 98670 99000 99330 99660 99990 100320 100650 100980 101310 101640 101970 102300 102630 102960 103290 103620 103950 104280 104610 104940 105270 105600 105930 106260 106590 106920 107250 107580 107910 108240 108570 108900 109230 109560 109890 110220 110550 110880 111210 111540 111870 112200 112530 112860 113190 113520 113850 114180 114510 114840 115170 115500 115830 116160 116490 116820 117150 117480 117810 118140 118470 118800 119130 119460 119790 120120 120450 120780 121110 121440 121770 122100 122430 122760 123090 123420 123750 124080 124410 124740 125070 125400 125730 126060 126390 126720 127050 127380 127710 128040 128370 128700 129030 129360 129690 130020 130350 130680 131010 131340 131670 132000 132330 132660 132990 133320 133650 133980 134310 134640 134970 135300 135630 135960 136290 136620 136950 137280 137610 137940 138270 138600 138930 139260 139590 139920 140250 140580 140910 141240 141570 141900 142230 142560 142890 143220 143550 143880 144210 144540 144870 145200 145530 145860 146190 146520 146850 147180 147510 147840 148170 148500 148830 149160 149490 149820 150150 150480 150810 151140 151470 151800 152130 152460 152790 153120 153450 153780 154110 154440 154770 155100 155430 155760 156090 156420 156750 157080 157410 157740 158070 158400 158730 159060 159390 159720 160050 160380 160710 161040 161370 161700 162030 162360 162690 163020 163350 163680 164010 164340 164670 165000 165330 165660 165990 166320 166650 166980 167310 167640 167970 168300 168630 168960 169290 169620 169950 170280 170610 170940 171270 171600 171930 172260 172590 172920 173250 173580 173910 174240 174570 174900 175230 175560 175890 176220 176550 176880 177210 177540 177870 178200 178530 178860 179190 179520 179850 180180 180510 180840 181170 181500 181830 182160 182490 182820 183150 183480 183810 184140 184470 184800 185130 185460 185790 186120 186450 186780 187110 187440 187770 188100 188430 188760 189090 189420 189750 190080 190410 190740 191070 191400 191730 192060 192390 192720 193050 193380 193710 194040 194370 194700 195030 195360 195690 196020 196350 196680 197010 197340 197670 198000 198330 198660 198990 199320 199650 199980 200310 200640 200970 201300 201630 201960 202290 202620