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NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

HOBBBS OFFICE O. C. C.
May 20 9 13 AM '68

I. Operator
Delaware-Apache Corporation
Address
1720 Wilco Building, Midland, Texas 79701
Reason(s) for filing (Check proper box)
New Well ☒ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐
Other (Please explain)

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------|------------------------------------------------------|--------------------------------------------------------|
| Lease Name Vada State | Lease No. K5059 | Well No. 2 | Pool Name, Including Formation Vada (Penn) | Kind of Lease State, Federal or Fee State |
| Location Unit Letter H ; 660 Feet From The east Line and 1830 Feet From The north Line of Section 16 Township 9S Range 34E , NMPM, Lea County | | | | |

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

| | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|--------------------|------------------------------------------|------------------------|
| Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Service Pipeline Company Amoco Pipeline Co. | Address (Give address to which approved copy of this form is to be sent) 3411 Knoxville Ave., Lubbock, Texas | | | | | |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Warren Petroleum Corporation | Address (Give address to which approved copy of this form is to be sent) P. O. Box 1589, Tulsa, Oklahoma | | | | | |
| If well produces oil or liquids, give location of tanks. | Unit J | Sec. 16 | Twp. 9S | Rge. 34E | Is gas actually connected? Yes | When 5-16-68 |

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

| | | | | | | | | |
|------------------------------------------------------|-------------------------------------------------|----------|-------------------------------------------------|----------|-----------------------------------|-----------|-----------------|------------------|
| Designate Type of Completion - (X) | Oil Well <input checked="" type="checkbox"/> | Gas Well | New Well <input checked="" type="checkbox"/> | Workover | Deepen | Plug Back | Same Res* v. | Diff. Res* v. |
| Date Spudded 4-4-68 | Date Compl. Ready to Prod. 5-13-68 | | Total Depth 9766' | | P.B.T.D. 9781' | | | |
| Elevations (DF, RKB, RT, GR, etc.) 4255 GL | Name of Producing Formation Bough "C" | | Top Oil/Gas Pay 9742' | | Tubing Depth 9640' | | | |
| Perforations 9753-59' and 9764-72' | | | | | Depth Casing Shoe 9800' | | | |
| TUBING, CASING, AND CEMENTING RECORD | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | | DEPTH SET | | SACKS CEMENT | | | |
| 15" | 11 3/4" | | 472 | | 275 | | | |
| 11" | 8 5/8" | | 4000 | | 550 | | | |
| 7 7/8" | 4 1/2" | | 9800 | | 450 | | | |

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

| | | | |
|---------------------------------------------------|--------------------------------------|-----------------------------------------------------------------|-----------------------------|
| Date First New Oil Run To Tanks 5-14-68 | Date of Test 5-16-68 | Producing Method (Flow, pump, gas lift, etc.) Flowing | |
| Length of Test 24 hrs. | Tubing Pressure 80 to 100# | Casing Pressure Packer | Choke Size 48/64" |
| Actual Prod. During Test 407 | Oil - Bbls. 407 | Water - Bbls. 93 | Gas - MCF 335 |

GAS WELL

| | | | |
|----------------------------------|-----------------|-----------------------|-----------------------|
| Actual Prod. Test-MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
| Testing Method (pitot, back pr.) | Tubing Pressure | Casing Pressure | Choke Size |

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

L. B. Williams
(Signature)
Area Engineer
(Title)
May 16, 1968
(Date)

OIL CONSERVATION COMMISSION

APPROVED **John W. Runyan**, 19
BY
TITLE

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiply completed wells.

INCLINATION REPORT

APACHE CORPORATION
1720 Wilco Building
Midland, Texas 79701

VADA STATE WELL NO. 2
660' FEL & 1830' PERCE O. C. C.
Sec. 16, T9-S, R-34-E,
Lea County, New Mexico
May 20 9:45 AM '68


RECORD OF INCLINATION

| <u>Depth (feet)</u> | <u>Angle of Inclination (degrees)</u> | <u>Displacement (feet)</u> | <u>Accumulative Displacement (feet)</u> |
|---------------------|-------------------------------------------|----------------------------|---------------------------------------------|
| 472 | 1/2 | 4.11 | 4.11 |
| 970 | 3/4 | 6.52 | 10.63 |
| 1,470 | 3/4 | 6.55 | 17.18 |
| 1,970 | 1 | 8.75 | 25.93 |
| 2,470 | 1 | 8.75 | 34.68 |
| 2,625 | 1 | 2.71 | 37.39 |
| 3,125 | 1 | 8.75 | 46.14 |
| 3,550 | 1 | 7.44 | 53.58 |
| 4,000 | 1/2 | 3.92 | 57.50 |
| 4,500 | 1 | 8.75 | 66.25 |
| 5,000 | 1 | 8.75 | 75.00 |
| 5,500 | 1 | 8.75 | 83.75 |
| 6,000 | 1 | 8.75 | 92.50 |
| 6,500 | 1 | 8.75 | 101.25 |
| 6,899 | 1/2 | 3.47 | 104.72 |
| 7,300 | 1/2 | 3.49 | 108.21 |
| 7,757 | 1/2 | 3.98 | 112.19 |
| 8,120 | 1/2 | 3.16 | 115.35 |
| 8,315 | 3/4 | 2.55 | 117.90 |
| 8,800 | 1/2 | 4.22 | 122.12 |
| 9,160 | 1/2 | 3.13 | 125.25 |
| 9,650 | 3/4 | 6.42 | 131.67 |
| 9,800 | 3/4 | 1.96 | 133.63 |

I hereby certify that I have personal knowledge of the data and facts placed on this report, and that such information given above is true and complete.


VERNA DRILLING COMPANY
Levelland, Texas

Sworn and Subscribed before me, this the 13th day of May, 1968.


Notary Public in and for Hockley
County, Texas