

OIL CONSERVATION DIVISION

Form C-132
Revised 5-10-81STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

APPLICATION FOR WELLHEAD
PRICE CEILING CATEGORY DETERMINATION

RECEIVED

FOR DIVISION USE ONLY:

DATE COMPLETE APPLICATION FILED _____

DATE DETERMINATION MADE _____

WAS APPLICATION CONTESTED? YES _____ NO _____

NAME(S) OF INTERVENOR(S), IF ANY: _____

AUG 2 1982

O. C. D.
ARTESIA, OFFICE

5A. Indicate Type of Lease

STATE ☐FEE ☒

5. State Oil & Gas Lease No. _____

7. Unit Agreement Name _____

8. Farm or Lease Name

Sagebrush "TY" Com

9. Well No.

#1

10. Field and Pool, or Wildcat

Pecos Slope Abo

12. County

Chaves

2. Name of Operator

Yates Petroleum Corp.

3. Address of Operator

207 S. 4th St., Artesia, N.M. 88210

4. Location of Well

UNIT LETTER N

LOCATED 660'

FEET FROM THE

South

LINE

AND

1980

FEET FROM THE

West

LINE OF SEC. 15

TWP. 5S

RCE. 24E

NMPM

11. Name and Address of Purchaser(s)

Transwestern Pipeline Co., POB 2521, Houston, Texas 77001

WELL CATEGORY INFORMATION

Check appropriate box for category sought and information submitted.

102 (C) (1) (B) and

1. Category(ies) Sought (By NGPA Section No.) 107(c) (5) Abo TF Docket RM79-76 (NM-3)

2. All Applications must contain:

Order 157, Issued 6-10-81

☒ a. C-101 APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK☒ b. C-105 WELL COMPLETION OR RECOMPLETION REPORT☐ c. DIRECTIONAL DRILLING SURVEY, IF REQUIRED UNDER RULE 111☒ d. AFFIDAVITS OF MAILING OR DELIVERY

3. In addition to the above, all applications must contain the items required by the applicable rule of the Division's "Special Rules for Applications For Wellhead Price Ceiling Category Determinations" as follows:

A. NEW NATURAL GAS UNDER SEC. 102(c)(1)(B) (using 2.5 Mile or 1000 Feet Deeper Test)

☒ All items required by Rule 14(1) and/or Rule 14(2)

B. NEW NATURAL GAS UNDER SEC. 102(c)(1)(C) (new onshore reservoir)

☐ All items required by Rule 15

C. NEW ONSHORE PRODUCTION WELL

☐ All items required by Rule 16A or Rule 16B

D. DEEP, HIGH-COST NATURAL GAS, TIGHT FORMATION NATURAL GAS, AND PRODUCTION ENHANCEMENT NATURAL GAS

☒ All items required by Rule 17(1), Rule 17(2) or Rule 17(3), or Rule 17(4)

E. STRIPPER WELL NATURAL GAS

☐ All items required by Rule 18I HEREBY CERTIFY THAT THE INFORMATION CONTAINED
HEREIN IS TRUE AND COMPLETE TO THE BEST OF MY
KNOWLEDGE AND BELIEF.

B.W. HARPER

NAME OF APPLICANT (Type or Print)

SIGNATURE OF APPLICANT

Secretary-Treasurer

Title

Date 6-28-82

FOR DIVISION USE ONLY

☐ Approved☐ DisapprovedThe information contained herein includes all
of the information required to be filed by the
applicant under Subpart B of Part 274 of the
FERC regulations.

EXAMINER

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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LAND OFFICE	
OPERATOR	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

JUN 11 1982

1. TYPE OF WELL
 OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

2. TYPE OF COMPLETION
 NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

3. Name of Operator
 Yates Petroleum Corporation

4. Address of Operator
 207 South 4th St., Artesia, NM 88210

5. Location of Well
 HIT LETTER N LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM West LINE OF SEC. 15 TWP. 5S RGE. 24E NMPM

5a. Indicate Type of Lease
 State ☐ Fee ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Form or Lease Name
 Sagebrush TY Com

9. Well No.
 1

10. Field and Pool, or Wildcat
 Pecos Slope Abo

12. County
 Chaves

18. Elevations (DF, RKB, RT, GR, etc.)
 3942' GR

19. Elev. Casinghead

20. Total Depth
 4125' 4133

21. Plug Back T.D.
 4079'

22. If Multiple Compl., How Many

23. Intervals Drilled By
 Rotary Tools
 Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
 3537-3822' Abo

25. Was Directional Survey Made
 No

27. Was Well Cored
 No

6. Type Electric and Other Logs Run
 CNL/FDC; DLL

7. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"		80'	24"		
10-3/4"	40.5#	846'	14-3/4"	700	
4-1/2"	10.5#	4128'	7-7/8"	350	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	3479'	3480'

31. Perforation Record (Interval, size and number)
 3537-3822' w/24 .50" holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3537-3822'	w/4500 g. 7 1/2% Spearhead acid.
	SF w/60000 g. gel 2% KCL wtr.
	110000# 20/40 sd.

33. PRODUCTION

Date First Production
 6-10-82

Production Method (Flowing, gas lift, pumping - Size and type pump)
 Flowing

Well Status (Prod. or Shut-in)
 SIWOPLC

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio
6-10-82	4	1/2"		-	264	-	-

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
240	Packer		-	1585	-	-

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
 Vented - Will be sold

Test Witnessed By
 Larry Dade

35. List of Attachments
 Deviation Survey

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Engineering Secretary DATE 6-11-82

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 30 days after the completion of any newly drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run on the well and a summary of all electrical tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of frequently drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be repeated for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____ T. Canyon _____
T. Salt _____ T. Strawn _____
B. Salt _____ T. Atoka _____
T. Yates _____ T. Miss _____
T. 7 Rivers _____ T. Devonian _____
T. Queen _____ T. Silurian _____
T. Grayburg _____ T. Montoya _____
T. San Andres _____ 560 T. Simpson _____
T. Glorieta _____ 1503 T. McKee _____
T. Paddock _____ T. Ellenburger _____
T. Blinberry _____ T. Gr. Wash _____
T. Tubb _____ T. Granite _____
T. Drinkard _____ T. Delaware Sand _____
T. Abo _____ 3499 T. Bone Springs _____
T. Wolfcamp _____ T. _____
T. Penn. _____ T. _____
T. Cisco (Bough C) _____ T. _____

Northwestern New Mexico

T. Ojo Alamo _____ T. Penn. "B" _____
T. Kirtland-Fruitland _____ T. Penn. "C" _____
T. Pictured Cliffs _____ T. Penn. "D" _____
T. Cliff House _____ T. Leadville _____
T. Menefee _____ T. Madison _____
T. Point Lookout _____ T. Elbert _____
T. Mancos _____ T. McCracken _____
T. Gallup _____ T. Ignacio Qtzite _____
Base Greenhorn _____ T. Granite _____
T. Dakota _____ T. _____
T. Morrison _____ T. _____
T. Todilte _____ T. _____
T. Entrada _____ T. _____
T. Wingate _____ T. _____
T. Chinle _____ T. _____
T. Permian _____ T. _____
T. Penn. "A" _____ T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

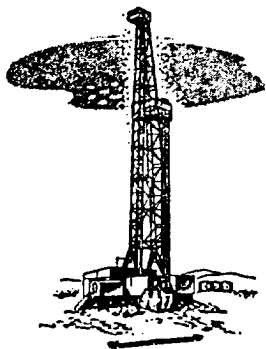
IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet _____
No. 2, from _____ to _____ feet _____
No. 3, from _____ to _____ feet _____
No. 4, from _____ to _____ feet _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	640	640	Surface Rock, Redbeds				
640	1491	851	Anhydrite, Salt, Redbeds				
1491	2824	1333	Anhydrite, Salt				
2824	3527	703	Anhydrite				
3527	4125	598	Anhydrite, Shale				



L & M DRILLING, INC. - Oil Well Drilling Contractors

P. O. BOX 672

ARTESIA, NEW MEXICO 88210

RECEIVED

JUN 11 1982

O. C. D.
ARTESIA, OFFICE

May 26, 1982

Yates Petroleum Corporation
207 South Fourth Street
Artesia, NM 88210RE: Sagebrush TY Com #1
660' FNL & 1980' FWL
Sec. 15, T5S, R24E
Chaves County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

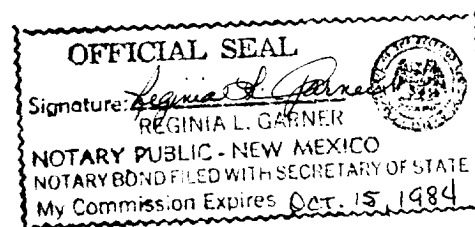
DEPTH	DEVIATION
844'	1/4°
998'	1/4°
1400'	1/2°
1902'	1/2°
2522'	1/2°
3044'	1/2°
3513'	1/2°
4011'	3/4°
4125'	1°

Very truly yours,

C. E. LaRue
Vice PresidentSTATE OF NEW MEXICO
COUNTY OF EDDY

§
 §

The foregoing was acknowledged before me this 26th day of May, 1982.



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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LAND OFFICE	
OPERATOR	

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JUN 11 1982

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS C. D.

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG DOWNS INTO DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PURPOSES.)

OIL WELL ☐ GAS WELL ☒ OTHER ☐

Name of Operator

Yates Petroleum Corporation ✓

Address of Operator

207 South 4th St., Artesia, NM 88210

Location of Well

UNIT LETTER N 660 FEET FROM THE South LINE AND 1980 FEET FROM

THE West LINE, SECTION 15 TOWNSHIP 5S RANGE 24E NADP.

7. Unit Agreement Name

8. Firm or Lease Name

Sagebrush TY Com

9. Well No.

1

10. Field and Pool, or Wildcat

Pecos Slope Abo

11. Elevation (Show whether DF, RT, GR, etc.)

3942' GR

12. County

Chaves

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

REMEDIAL WORK ☐

ALTERING CASING ☐

TEMPORARILY ABANDON ☐

COMMENCE DRILLING OPNS. ☒

PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐

CHANGE PLANS ☐

CASING TEST AND CEMENT JOB ☒

OTHER ☐

7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

4/33
TD 4125'. Ran 103 joints of 4-1/2" 10.5# J-55 casing set 4128'. 1-regular guide shoe at 4128'. Diff-fill float set 4085'. Cemented w/350 sacks 50/50 Poz, .6% CF-9 and .3% TF-4 and 3# KCL. Compressive strength of cement - 1250 psi in 12 hours. PD 4:00 PM 5-17-82. Bumped plug to 1000 psi, released pressure and float held okay. WOC. WIH and perforated 3537-3822' w/24 .50" holes as follows: 3537, 38, 39, 57, 58, 59, 60' (7 holes), 3599, 3600, 01, 02' (4 holes), 3644, 45, 46, 53, 54, 55, 56' (7 holes), 3757, 58, 64, 65, 3821, 22' (6 holes). Acidized perforations 3537-3822' w/4500 gallons 7½% Spearhead HCL acid. Frac'd perforations 3537-3822' w/60000 gallons gelled 2% KCL water and 110,000# (10000# 100-mesh and 100,000# 20/40) sand with 600# Block.

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

SIGNED Quante Goodlett

TITLE Engineering Secretary

DATE 6-10-82

APPROVED BY Mr. Williams

TITLE OIL AND GAS INSPECTOR

DATE JUN 23 1982

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION
P. O. BOX 2688
SANTA FE, NEW MEXICO 87501

RECEIVED

MAY 13 1982

O. C. D.
ARTESIA, OFFICEForm C-103
Revised 10-1-

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SANTA FE	1
FILE	1 ✓
U.S.O.B.	
LAND OFFICE	
OPERATOR	1

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR RE-DEEPEN OR PLUG OIL OR GAS WELLS. USE APPLICATION FOR PERMIT TO DRILL OIL OR GAS WELLS FOR PROPOSALS.

OIL WELL ☐ GAS WELL ☒ OTHER ☐

Name of Operator

Yates Petroleum Corporation ✓

Address of Operator

207 South 4th St., Artesia, NM 88210

Location of Well

UNIT LETTER N 660 FEET FROM THE South LINE AND 1980 FEET FROM
THE West LINE, SECTION 15 TOWNSHIP 5S RANGE 24E NEIGH

15. Elevation (Show whether DP, RF, GR, etc.)

3942' GR

1. County
Chaves

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐PLUG AND ABANDON ☐REMEDIAL WORK ☒ALTERING CASING ☐UPGRADELY ABANDON ☐COMMENCE DRILLING OPERATIONS ☐PLUG AND ABANDONMENT ☐REPAIR OR ALTER CASING ☐CHANGE PLANS ☐CASING TEST AND CEMENT JOBS ☐OTHER ☐OTHER ☐

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Spudded a 14-3/4" hole at 9:45 AM 5-9-82. Set 80' of 20" conductor pipe. Ran 21 joints of 10-3/4" 40.5# casing set at 846'. 1-Texas Pattern guide shoe at 846'. Insert float at 806'. Cemented w/400 sacks Pacesetter Lite 3% CaCl₂. Tailed in w/300 sacks Class "C" 3% CaCl₂. Compressive strength of cement - 1275 psi in 12 hours. PD 10:15 AM 5-10-82. Bumped plug to 750 psi, released pressure and float held okay. Cement circulated 50 sacks to pit. WOC. Drilled out 4:15 AM 5-11-82. WOC 18 hours. Nippled up and tested to 1000 psi, okay. Reduced hole to 9-7/8". Drilled plug and resumed drilling.

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

WITNESSED BY John G. GaultlettTITLE Engineering SecretaryDATE 5-12-82PROVED BY Mike MillerTITLE OIL AND GAS INSPECTORDATE MAY 13 1982

CONDITIONS OF APPROVAL, IF ANY: