

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised March 17, 1999
Instructions on back
Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

DISTRICT II
811 South First, Artesia, NM 88210

OIL CONSERVATION DIVISION

PO BOX 2088
Santa Fe, NM 87504-2088

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Re, NM 8750:

☐ AMENDED REPORT

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

¹ Operator Name and Address Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210		² OGRID Number 025575
		³ API Number 30- 025-22842
⁴ Property Code 30391	⁵ Property Name Roger "BAQ" State Com #1	⁶ Well No. 1

⁷ Surface Location

UL or lot no. H	Section 22	Township 11S	Range 35E	Lot Idn	Feet from the 1980	North/South Line South North	Feet from the 660	East/West Line East	County Lea
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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
⁹ Proposed Pool 1 Wildcat					¹⁰ Proposed Pool 2				

¹¹ Work Type Code E	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4127' DF
¹⁶ Multiple No	¹⁷ Proposed Depth 13,200'	¹⁸ Formation Morrow	¹⁹ Contractor Not Determined	²⁰ Spud Date ASAP

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/feet	Setting Depth	Sacks of Cement	Estimated TOC
15"	13 3/8"	48#	359'-in place	375 sx	Circulated
12 3/4"	8 5/8"	24# & 32#	4303'-in place	300 sx	TOC-3550'
7 7/8"	5 1/2"	17# & 20#	12,950'	750 sx	TOC-7400'

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.

See Attached Sheet

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Re-Entry

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Clifton R. May</i>		OIL CONSERVATION DIVISION	
Printed name: Clifton R. May		Approved by: ORIGINAL SIGNED BY	
Title: Regulatory Agent		PAUL F. KAUTZ	
Date: 08/01/02		PETROLEUM ENGINEER	
Phone: (505) 748-1471		Approval Date: AUG 01 2002	
		Expiration Date:	
		Attached <input type="checkbox"/>	

BOY

mp

YATES PETROLEUM CORPORATION

Roger "BAQ" State Com #1

1980' FNL & 660' FEL

Section 22-T11S-R35E

Lea County, New Mexico

Yates Petroleum Corporation plans to re-enter this well that was originally drilled by Roger C. Hanks as the Shell State #1. It was plugged and abandoned 12/30/68. Yates will use a pulling unit and reverse unit to clean out to the 8 5/8" casing plug at 4250' to verify that no attempt was made to pull any 8 5/8" casing, and to clean out any junk that may have been dumped in the hole on top of the 8 5/8" casing shoe plug. The 8 5/8" casing will then be pressure tested and repaired if needed.

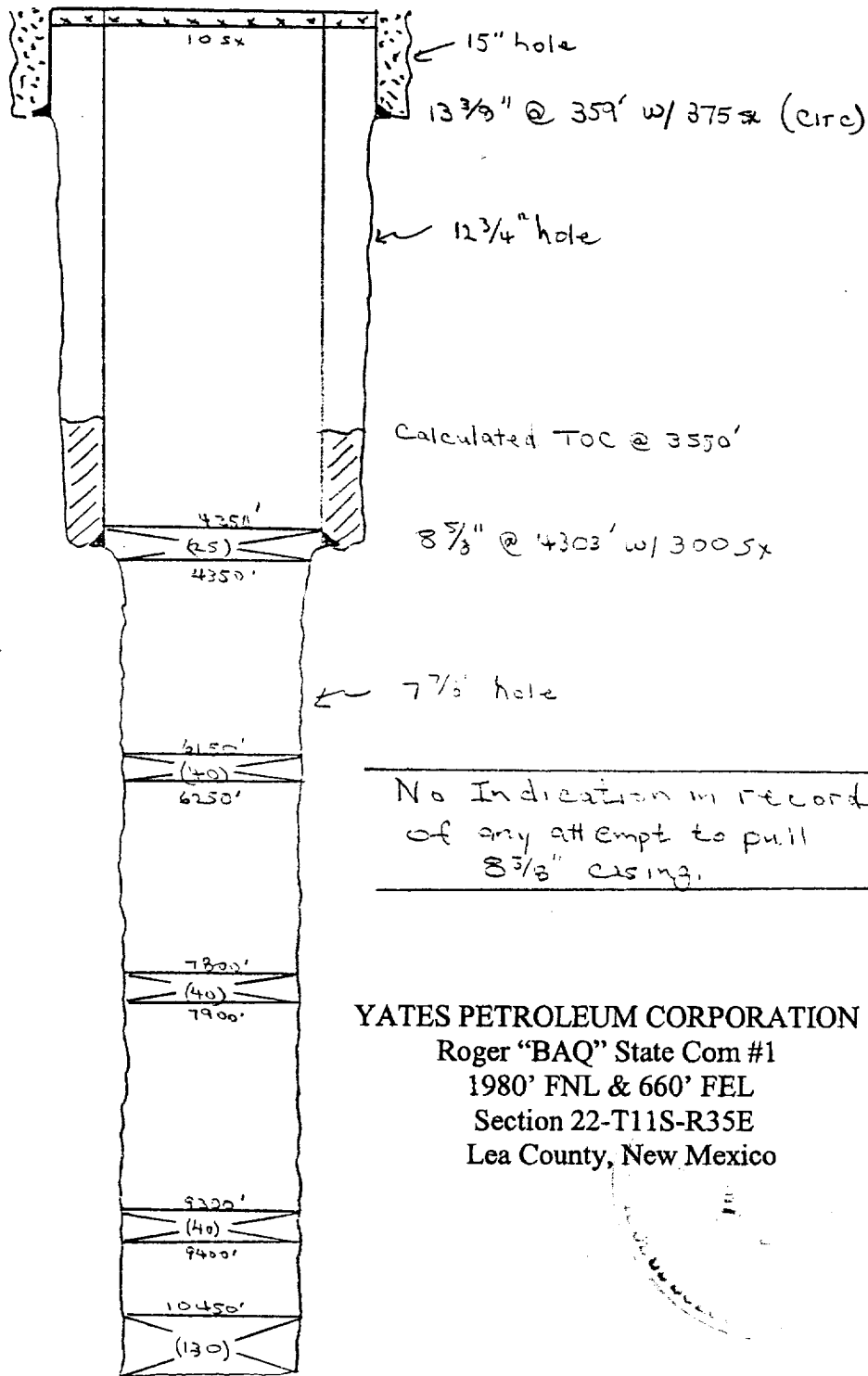
A drilling rig will then be rigged up and open hole plugs drilled out to the original depth of 10,860'. The well will be deepened to 13,200'. A new suite of open hole logs will be run and evaluated. If warranted a 5 1/2" casing string will be run and cemented with enough cement to bring the cement top up to approximately 7400'. The mud system will be 9.5-10 ppg salt gel with 45 vis adjusted as needed for hole conditions. A 5000# BOPE will be installed on the 8 5/8" casing.

The well will be completed with a pulling unit. Formations expected to be tested are the Morrow and Atoka.

Roger C Hanks - SHELL STATE #1
Spud 11-10-68 D & A 12-30-68

1980' FNL & 660' FEL
Sec. 22, T11S, R35E

13 3/8" 48# @ 359'
8 5/8" 24# J-55
32# H-80



Anhy @ 2200' —

Yates @ 2957' —

SA @ 4250' —

Gar @ 5745' —

Tubb @ 7170' —

Abu @ 7930' —

WC @ 9354' —

Penn @ 10815' —

Calculated TOC @ 3550'

8 5/8" @ 4303' w/ 3005x

No Indication in records
of any attempt to pull
8 5/8" casing.

YATES PETROLEUM CORPORATION
Roger "BAQ" State Com #1
1980' FNL & 660' FEL
Section 22-T11S-R35E
Lea County, New Mexico

TD 10,860'

Before

Ray S
7-11-02

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



Roger C Hanks - SHELL STATE #1
Spud 11-10-68

1980' FNL & 660' FEL
Sec. 22, T11S, R35E

13 3/8" 46# @ 359'
8 5/8" 24# J-55
3 1/2" H-80

Anhy @ 2200' —

Yates @ 2357' —

SA @ 4250' —

Glar @ 5745' —

Tubb @ 7170' —

Abu @ 7930' —

WC @ 9354' —

Penn @ 10815' —

Arks @ 11772' —

MFW @ 12390' —

Austin @ 12540' —

Charter @ 12740' —

Lower Miss lime @ 12850' —

TD 12950'

15" hole

13 3/8" @ 359' w/ 375x (circ)

12 3/4" hole

Calculated TOC @ 3550'

8 5/8" @ 4303' w/ 3005x

TOC ≈ 7000'

YATES PETROLEUM CORPORATION

Roger "BAQ" State Com #1

1980' FNL & 660' FEL

Section 22-T11S-R35E

Lea County, New Mexico

After

7-15-02

50 SHEETS
22-141 100 SHEETS
22-142 200 SHEETS
22-144



DISTRICT I
1885 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 82810

DISTRICT III
1000 Rio Brazos Rd., Artesia, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87506

STATE OF NEW MEXICO
Energy, Minerals and Natural Resources Department

Revised March 17, 1999
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Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-22842	Pool Code ✓	Pool Name Wildcat Morrow
Property Code 30391	Property Name ROGER "BAQ" STATE COM.	Well Number 1
OGRID No. 025575	Operator Name Yates Petroleum Corporation	Elevation

Surface Location

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
H	22	11S	35E		1980	North	660	East	Lea

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
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

VA-2189		VA-2194	1980' 660'

OPERATOR CERTIFICATION

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

Clifton R. May
Signature
Clifton R. May
Printed Name
Regulatory Agent
Title
8/1/2002
Date

SURVEYOR CERTIFICATION

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 belief.

REFER TO ORIGINAL PLAT

Date Surveyed
Signature & Seal of Professional Surveyor

Certificate No. Herschel L. Jones RLS 3640

GENERAL SURVEYING COMPANY

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 4-65

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

Operator ROGER C. HANKS			Lease SHELL STATE		Well No. 1
Unit Letter H	Section 22	Township 11 SOUTH	Range 35 EAST	County LEA	

Actual Footage Location of Well:

1980	feet from the NORTH	line and	660	feet from the EAST	line
Ground Level Elev.	Producing Formation Ranger Lake Reef		Pool Undesignated	Dedicated Acreage 80 40 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 _____

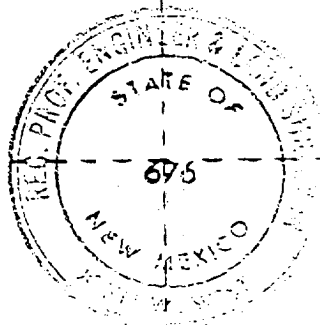
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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.

NOTE: GROUND ELEVATION IS 1.5' LOWER THAN
SIMMONS DRY HOLE MARKER LOCATED IN NE 1/4 NE 1/4
THIS SAME SECTION.

1980'

660'



CERTIFICATION

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

Name Roger C. Hanks
Position _____

Owner - Operator

Company _____

ROGER C. HANKS

Date _____

November 4, 1968

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 _____

11-2-1968

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. _____

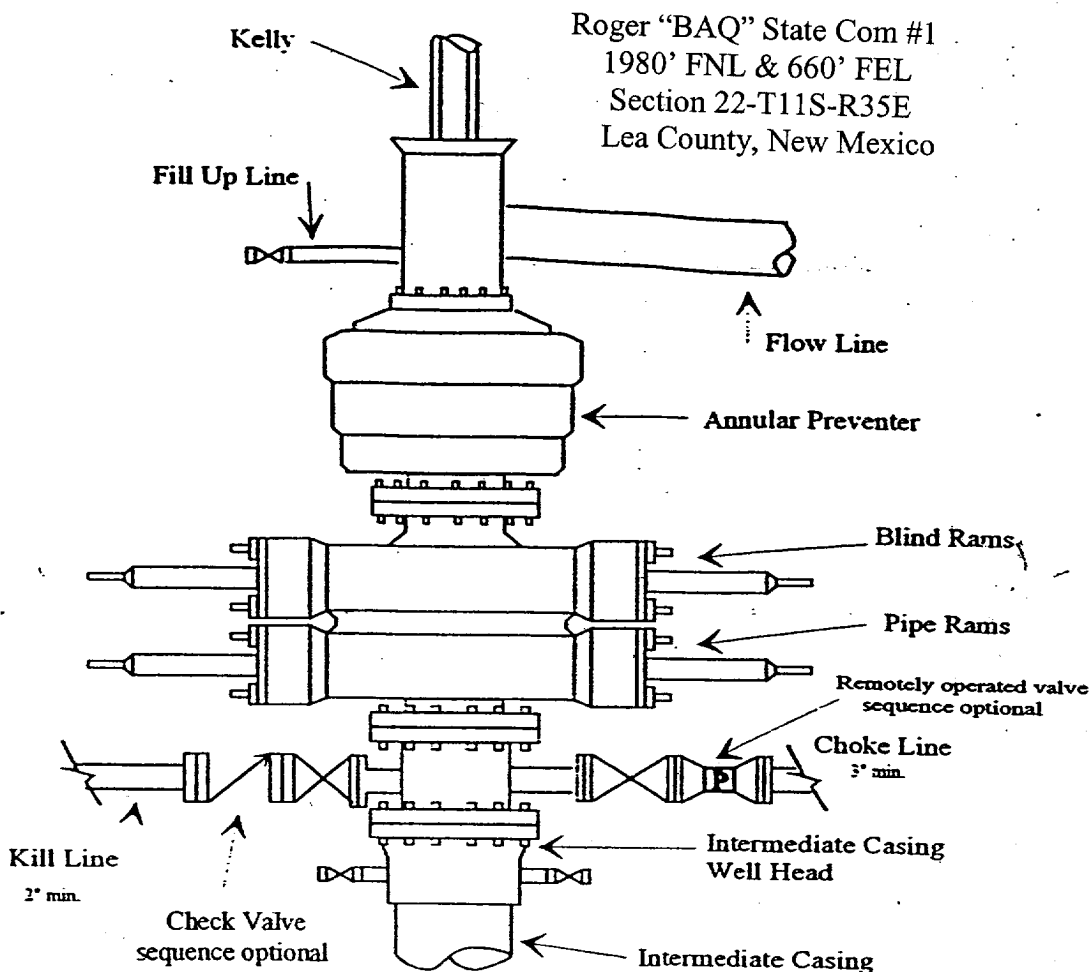
676



Yates Petroleum Corporation

BOP-4

Typical 5,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



Typical 5,000 psi choke manifold assembly with at least these minimum features

