

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
311 S. 1st Street
Artesia, NM 88210-2834

Division

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

YATES PETROLEUM CORPORATION

(505) 748-1471

3. Address and Telephone No.

105 South 4th St., Artesia, NM 88210

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface: 1367' FSL & 177' FEL (Unit I, NESE)

BHL: 900' FSL & 660' FEL (Unit P, SESE)

Section 6-T22S-R24E

5. Lease Designation and Serial No.

NM-81218

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Brannigan ANF Federal #5

9. API Well No.

30-015-30207

10. Field and Pool, or Exploratory Area

Indian Basin Upper Penn,

11. County or Parish, State Assoc.

Eddy Co., NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

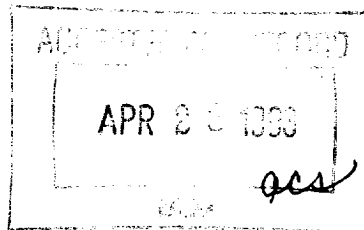
TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Revise directional drilling proposal
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the revision of the directional drilling proposal.



14. I hereby certify that the foregoing is true and correct

Signed

[Signature]

Title

Operations Technician

Date

April 23, 1998

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

Scientific Drilling Planning Report

Company: Yates Petroleum
Field: Indian Basin Canyon
Site: Eddy Co., New Mexico
Well: Brannigan ANF federal #5
Wellpath: NW Kick

Date: 4/17/98 Time: 16:04:23 Page: 1
Co-ordinate(NE) Reference: Site: Eddy Co., New Mexico, True North
Vertical (TYD) Reference: SITE 0.0 above Mean Sea Level
Section (VS) Reference: Site (0.0E,0.0N,226.0Azi)
Plan: Plan #2

Field: Indian Basin Canyon

Local Coordinate Reference: Site Centre
Location of Field Centre: N/A
Field Centre Map Easting: m
Field Centre Map Northing: m
Direction of Local North: True

Map Projection & Zone: US State Plane Coordinate System 1927
Texas, Central Zone

Ellipsoid: Clarke - 1866

Local Vertical Reference: Wellpath Datum

Field Datum: Mean Sea Level

Geomagnetic Model: IGRF95

Site: Eddy Co., New Mexico

Site Centre: m E
m N

Latitude
Longitude

Site Water Depth: 0.0 ft

Magnetic Declination: 0.00 deg

Grid Convergence: 0.00 deg

Measured Depths Referenced To: SITE 0.0 ft above Mean Sea Level

Well: Brannigan ANF federal #5

Originating From: 0.0 ft +N/-S Map Easting: 0.00 m
0.0 ft +E/-W Map Northing: 0.00 m

Wellpath: NW Kick

Origin of Vertical Section: Site Centre 0.0 ft +N/-S
0.0 ft +E/-W

Direction of Vertical Section: 226.00 deg

Plan: Plan #2

Date Composed: 4/17/98
Version: 1

Principal: No

Locked: No

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS d/100ft	Build d/100ft	Turn d/100ft	TFO deg	Target
4890.0	0.00	0.00	4890.0	0.0	0.0	0.00	0.00	0.00	0.00	
5890.1	15.00	225.96	5878.7	-90.5	-93.6	1.50	1.50	-13.40	-134.04	Top Pay
7982.7	15.00	225.96	7900.0	-467.0	-483.0	0.00	0.00	0.00	0.00	
8600.0	15.00	225.96	8496.3	-578.1	-597.9	0.00	0.00	0.00	0.00	

Section 1 : DT5 CH Tang Part 1 Build 1.50

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS d/100ft	Build d/100ft	Turn d/100ft	TFO deg
4890.0	0.00	0.00	4890.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
4900.0	0.15	225.96	4900.0	0.0	0.0	0.0	1.50	1.50	0.00	0.00
5000.0	1.65	225.96	5000.0	-1.1	-1.1	1.6	1.50	1.50	0.00	0.00
5100.0	3.15	225.96	5099.9	-4.0	-4.1	5.8	1.50	1.50	0.00	0.00
5200.0	4.65	225.96	5199.7	-8.7	-9.0	12.6	1.50	1.50	0.00	0.00
5300.0	6.15	225.96	5299.2	-15.3	-15.8	22.0	1.50	1.50	0.00	0.00
5400.0	7.65	225.96	5398.5	-23.6	-24.4	34.0	1.50	1.50	0.00	0.00
5500.0	9.15	225.96	5497.4	-33.8	-34.9	48.6	1.50	1.50	0.00	0.00
5600.0	10.65	225.96	5595.9	-45.7	-47.3	65.8	1.50	1.50	0.00	0.00
5700.0	12.15	225.96	5693.9	-59.5	-61.5	85.6	1.50	1.50	0.00	0.00
5800.0	13.65	225.96	5791.4	-75.0	-77.6	107.9	1.50	1.50	0.00	0.00
5890.1	15.00	225.96	5878.7	-90.5	-93.6	130.2	1.50	1.50	0.00	0.00

Scientific Drilling Planning Report

Company: Yates Petroleum
Field: Indian Basin Canyon
Site: Eddy Co., New Mexico
Well: Brannigan ANF federal #5
Wellpath: NW Kick

Date: 4/17/98
Co-ordinate(NE) Reference: Site: Eddy Co., New Mexico, True North
Vertical (TVD) Reference: SITE 0.0 above Mean Sea Level
Section (VS) Reference: Site (0.0E,0.0N,226.0Azi)
Plan: Plan #2

Page: 2

Section 2 : DT5 CH Tang Part 2 Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS d/100ft	Build d/100ft	Turn d/100ft	TFO deg
5900.0	15.00	225.96	5888.3	-92.3	-95.4	132.7	0.00	0.00	0.00	0.00
6000.0	15.00	225.96	5984.9	-110.3	-114.0	158.6	0.00	0.00	0.00	0.00
6100.0	15.00	225.96	6081.5	-128.3	-132.6	184.5	0.00	0.00	0.00	0.00
6200.0	15.00	225.96	6178.1	-146.2	-151.3	210.4	0.00	0.00	0.00	0.00
6300.0	15.00	225.96	6274.6	-164.2	-169.9	236.3	0.00	0.00	0.00	0.00
6400.0	15.00	225.96	6371.2	-182.2	-188.5	262.2	0.00	0.00	0.00	0.00
6500.0	15.00	225.96	6467.8	-200.2	-207.1	288.1	0.00	0.00	0.00	0.00
6600.0	15.00	225.96	6564.4	-218.2	-225.7	313.9	0.00	0.00	0.00	0.00
6700.0	15.00	225.96	6661.0	-236.2	-244.3	339.8	0.00	0.00	0.00	0.00
6800.0	15.00	225.96	6757.6	-254.2	-262.9	365.7	0.00	0.00	0.00	0.00
6900.0	15.00	225.96	6854.2	-272.2	-281.5	391.6	0.00	0.00	0.00	0.00
7000.0	15.00	225.96	6950.8	-290.2	-300.1	417.5	0.00	0.00	0.00	0.00
7100.0	15.00	225.96	7047.4	-308.2	-318.7	443.4	0.00	0.00	0.00	0.00
7200.0	15.00	225.96	7144.0	-326.2	-337.3	469.2	0.00	0.00	0.00	0.00
7300.0	15.00	225.96	7240.6	-344.2	-356.0	495.1	0.00	0.00	0.00	0.00
7400.0	15.00	225.96	7337.2	-362.2	-374.6	521.0	0.00	0.00	0.00	0.00
7500.0	15.00	225.96	7433.7	-380.1	-393.2	546.9	0.00	0.00	0.00	0.00
7600.0	15.00	225.96	7530.3	-398.1	-411.8	572.8	0.00	0.00	0.00	0.00
7700.0	15.00	225.96	7626.9	-416.1	-430.4	598.7	0.00	0.00	0.00	0.00
7800.0	15.00	225.96	7723.5	-434.1	-449.0	624.6	0.00	0.00	0.00	0.00
7900.0	15.00	225.96	7820.1	-452.1	-467.6	650.4	0.00	0.00	0.00	0.00
7982.7	15.00	225.96	7900.0	-467.0	-483.0	671.8	0.00	0.00	0.00	0.00

Section 3 : Straight MD Part 1 Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS d/100ft	Build d/100ft	Turn d/100ft	TFO deg
8000.0	15.00	225.96	7916.7	-470.1	-486.2	676.3	0.00	0.00	0.00	0.00
8100.0	15.00	225.96	8013.3	-488.1	-504.8	702.2	0.00	0.00	0.00	0.00
8200.0	15.00	225.96	8109.9	-506.1	-523.4	728.1	0.00	0.00	0.00	0.00
8300.0	15.00	225.96	8206.5	-524.1	-542.0	754.0	0.00	0.00	0.00	0.00
8400.0	15.00	225.96	8303.1	-542.1	-560.7	779.9	0.00	0.00	0.00	0.00
8500.0	15.00	225.96	8399.7	-560.1	-579.3	805.7	0.00	0.00	0.00	0.00
8600.0	15.00	225.96	8496.3	-578.1	-597.9	831.6	0.00	0.00	0.00	0.00

T.D. 8,708' 15.00° 225.96° 8,600' -597' -619' 860'