

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT RECEIVING
OFFICE FOR NUMBER
OF COPIES REQUIRED

BIM Roswell District
Modified Form No.
NM60-3160-3

(See other In-
structions on
reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVS. ☐ Other ☐
2. NAME OF OPERATOR: YATES PETROLEUM CORPORATION
3a. Area Code & Phone No.: 505/748-1471

3. ADDRESS OF OPERATOR: 105 South 4th St., Artesia, NM 88210
4. LOCATION OF WELL (Report location clearly and in accordance with any State Requirements):
At surface 660' FSL & 660' FEL, Sec. 14-20S-24E
At top prod. interval reported below
At total depth

9a. API Well No.: 30-015-26602
14. PERMIT NO.:
DATE ISSUED:

15. DATE SPUNDED: 1-6-91
16. DATE T.D. REACHED: 1-29-91
17. DATE COMPL. (Ready to prod.): 2-15-91
18. ELEVATIONS (DV, HKB, RT, OR, ETC.): 3613' GR

20. TOTAL DEPTH, MD & TVD: 8105'
21. PLUG, BACK T.D., MD & TVD: 8038'
22. IF MULTIPLE COMPL., HOW MANY?:
23. INTERVAL DRILLED BY: 0-8105'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-- TOP, BOTTOM, NAME (MD AND TVD):
7772-7788'; 7594-7752' Canyon

26. TYPE ELECTRIC AND OTHER LOGS RUN:
CNL/LDT; DLL

29. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"		40'	26"	Redi-Mix	
9-5/8"	36#	1206'	14-3/4"	1100 sx	
7"	26#, 23#	8105'	8-3/4"	1750 sx	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	7544'	7544'

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7772-7788' w/18 - .50" Holes				7772-88'	w/4000g. 20% acid
7594-7752' w/50 - .50" Holes				7594-7752'	w/2500g. 20% acid
				7594-7752'	w/15000g. 20% acid + 900# block

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)					WELL STATUS (Producing or shut-in)
2-9-91		Flowing					Producing
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
2-15-91	24	40/64"		252	570	992	2262
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
350	Pkr		252	570	992	42	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Sold - connected to Yates Gas Gathering 2-9-91
TEST WITNESSED BY: John Dehler

35. LIST OF ATTACHMENTS: Deviation Survey, Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: [Signature] TITLE: Production Supervisor DATE: 2-18-91

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or omissions.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			DST #1 6500-6530' (30') WOLFCAMP LIME: TIMES: 20", 60", 60", 180". RECOVERY: 344' drilling mud, 3' distillate, 340' mud cut from water, Resistivity .08 @ 60, C1 88000; 353 formation water, resistivity 0.71 @ 60, C1 11100. SAMPLER: 1.68 cfg, 50 cc oil, 500 cc water. PRESSURES: IHP 3081, IFP 104-301, ISIP 2808, FFP 254-479, FSIP 2564, FHP 3090	San Andres Glorieta Yeso Bone Springs Lm Green Abo Shale Wolfcamp Lime Canyon Lime Canyon Dolomite B. Dolomite	546 2108 2206 3300 5624 5694 7543 7588 7900	

WELL NAME AND NUMBER Rig #4 Hillview AHE Fed Com #8

LOCATION 660 FS&EL Sec. 14, T20S, R24E, Eddy County
(Give Unit, Section, Township and Range)

RECEIVED

OPERATOR Yates Petroleum Corporation

FEB 20 1991

DRILLING CONTRACTOR McVay Drilling Company

O. C. D.
ARTESIA, OFFICE

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>3/4 245</u>	<u>2 1/2 4,682</u>	<u>2-3/4 6,164</u>
<u>3/4 766</u>	<u>2-3/4 4,700</u>	<u>2-3/4 6,290</u>
<u>1 1,017</u>	<u>2-3/4 4,785</u>	<u>3 6,415</u>
<u>1 1,206</u>	<u>2-3/4 4,847</u>	<u>3 6,530</u>
<u>1 1/2 1,532</u>	<u>2-3/4 4,972</u>	<u>2-3/4 6,610</u>
<u>1 1/4 1,999</u>	<u>3 5,067</u>	<u>2-1/4 6,735</u>
	<u>3 5,161</u>	
<u>3/4 2,439</u>	<u>3 5,256</u>	<u>1 6,861</u>
<u>1/2 2,938</u>	<u>3 5,350</u>	<u>1-3/4 6,987</u>
<u>3/4 3,434</u>	<u>3 5,444</u>	<u>1-3/4 7,144</u>
<u>1/2 3,903</u>	<u>3 5,538</u>	<u>2 1/2 7,613</u>
<u>1/2 4,092</u>	<u>2-3/4 5,632</u>	<u>1-3/4 7,819</u>
<u>1/4 4,247</u>	<u>3 5,726</u>	<u>1 1/2 8,105</u>
<u>1 4,370</u>	<u>3-1/4 5,821</u>	
<u>2 4,496</u>	<u>3-1/4 5,915</u>	
<u>2-3/4 4,589</u>	<u>2-3/4 6,038</u>	

Drilling Contractor McVay Drilling Company

By: Joe Hlyan Jr.

Subscribed and sworn to before me this 1st day of February, 1991

Phyllis Jean Cantwright
Notary Public

My Commision Expires: 12/27/91

Lea County New Mexico

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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BLM Roswell District
Modified Form No.
NM60-3160-4

5P

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		3a. Area Code & Phone No. 505/748-1471	
2. NAME OF OPERATOR YATES PETROLEUM CORPORATION ✓		8. FARM OR LEASE NAME Hill View AHE Federal	
3. ADDRESS OF OPERATOR 105 South 4th St., Artesia, NM 88210		9. WELL NO. 8	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FSL & 660' FEL, Sec. 14-20S-24E		10. FIELD AND POOL, OR WILDCAT South Dagger Draw Upper Penn	
14. PERMIT NO. 30-015-26602		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Unit P, Sec. 14-T20S-R24E	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3613' GR		12. COUNTY OR PARISH Eddy	
		13. STATE NM	

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FEB 15 1991
O. C. D.
ARTESIA, OFFICE

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANE

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Perforate, Treat

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

17. 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.)

2-6-91. Drilled out DV tool at 5419'.

2-7-91. Perforated 7772-7788' w/18 - .40" holes as follows: 7772, 74, 76, 78, 80, 82, 84, 86, and 7788' (2 SPF). Acidized perforations 7772-7788' w/4000 gals 20% NEFE acid.

2-8-91. Perforated 7594-7752' w/50 - .50" holes as follows: 7594, 96, 98, 7604, 06 (2 SPF-10 holes), 7632, 34, 36, 38, (2 SPF-8 holes) 7686, 88, 90, 92 (2 SPF-8 holes), 7730, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, and 7752' (2 SPF-24 holes).

2-9-91. Acidized perforations 7594-7752' w/2500 gals 20% NEFE acid + ball sealers, (4 stages). Acidized perforations 7594-7752' w/15000 gals 20% NEFE acid + 900# block in two stages. Made 4 runs. Well started flowing.

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

SIGNED

TITLE Production Supervisor

DATE 2-11-91

(This space for Federal or State office use)

APPROVED BY

TITLE

ACCEPTED FOR RECORD

CONDITIONS OF APPROVAL, IF ANY:

FEB 15 1991

SJS

*See Instructions on Reverse Side

CARLSBAD, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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BLM Roswell District
Modified Form No.
NM60-3160-4

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		3a. Area Code & Phone No. 505/748-1471		5. LEASE DESIGNATION AND SERIAL NO. NM 045274
2. NAME OF OPERATOR YATES PETROLEUM CORPORATION				6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 105 South 4th St., Artesia, NM 88210				7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FSL & 660' FEL, Sec. 14-20S-24E		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Unit P, Sec. 14-T20S-R24E		8. FARM OR LEASE NAME Hill View AHE Federal
14. PERMIT NO. 30-015-26602		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3613' GR		9. WELL NO. 8
				10. FIELD AND POOL, OR WILDCAT South Dagger Draw Upper Penn
				12. COUNTY OR PARISH Eddy
				13. STATE NM

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) 1ST PRODUCTION <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. 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.)*

FIRST PRODUCTION 2-9-91.

WELL CONNECTED TO YATES GAS GATHERING SYSTEM FOR CASINGHEAD GAS SALES.

ACCEPTED FOR RECORD

FEB 12 1991

CARLSBAD, NEW MEXICO

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

SIGNED <u>[Signature]</u>	TITLE <u>Production Supervisor</u>	DATE <u>2-11-91</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

*See Instructions on Reverse Side

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54

SUNDRY NOTICES AND REPORTS ON WELLS

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1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR YATES PETROLEUM CORPORATION		3a. Area Code & Phone No. 505/748-1471	
3. ADDRESS OF OPERATOR 105 South 4th St., Artesia, NM 88210		8. FARM OR LEASE NAME Hill View AHE Federal	
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14. PERMIT NO. 30-015-26602		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3613' GR	
10. FIELD AND POOL, OR WILDCAT South Dagger Draw Upper Penn		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Unit P, Sec. 14-T20S-R24E	
12. COUNTY OR PARISH Eddy		13. STATE NM	

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FEB - 7 1991

O. C. D.
ARTESIA, OFFICE

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) ☐

PULL OR ALTER CASING ☐
MULTIPLE COMPLETION ☐
ABANDON* ☐
CHANGE PLANS ☐

WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☐
(Other) Production Casing

REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☒

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

17. 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.) *

TD 8105'. Reached TD 1-29-91. Ran 195 joints 7" 26 and 23# J-55 and N-80 casing, set 8105' as follows: 14 jts 7" 26# N-80, 67 jts 7" 26# J-55, 89 jts 7" 23# J-55, 21 jts 7" 23# N-80, 4 jts 7" 26# J-55. Float shoe set 8105', float collar set 8060'. Cemented in 2 stages: Stage 1 - 500 gals Super Flush 101 + 800 sx Class H w/3/10% CFR-3+4/10% Halad 22A + 5#/sx Gilsonite + 5#/sx salt (yield 1.12, wt 15.4). PD 1:15 AM 1-31-91. Circulated thru DV tool 2 hrs. Circulated 130 sx to pit. * Open DV tool with 800 psi. Stage 2 - 850 sx Halliburton Lite w/5#/sx Gilsonite + 5#/sx salt + 1/4#/sx Floseal (yield 1.84, wt 12.7). Tail in w/100 sx Class H Neat (yield 1.18, wt 15.6). PD 4:30 AM 1-31-91. Circulated 150 sx to pit. Closed DV tool with 3000 psi, held okay. WOC 18 hours.

* DV @ 5419'. (SJS)

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

SIGNED [Signature]

TITLE Production Supervisor

DATE 1-30-91

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

ACCEPTED FOR RECORD

DATE _____

FEB 6 1991

SJS

CARLSBAD, NEW MEXICO

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BLM Roswell District
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SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		2. NAME OF OPERATOR YATES PETROLEUM CORPORATION		3a. Area Code & Phone No. 505-7748-1471		5. LEASE DESIGNATION AND SERIAL NO. NM 045274	
3. ADDRESS OF OPERATOR 105 South 4th St., Artesia, NM 88210		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FSL & 660' FEL, Sec. 14-20S-24E		3b. FEB - 6 1991 O. C. D. ARTESIA OFFICE		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
14. PERMIT NO. 30-015-26602		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3613' GR		8. FARM OR LEASE NAME Hill View AHE Federal		7. UNIT AGREEMENT NAME	
				9. WELL NO. 8		10. FIELD AND POOL, OR WILDCAT South Dagger Draw Upper Penn	
				11. SEC., T., R., W., OR BLK. AND SURVEY OR AREA Unit P, Sec. 14-T20S-R24E		12. COUNTY OR PARISH Eddy	
						13. STATE NM	

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NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETION	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input checked="" type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

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

17. 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.)

Spudded 26" hole 2:15 PM 1-6-91 with rathole. Set 40' of 20" conductor. Notified BLM, Carlsbad, NM, of spud. Resumed drilling 14-3/4" hole 8:00 AM 1-8-91. Notified Jim Amos, BLM, Carlsbad, NM. Ran 28 joints 9-5/8" 36# J-55 ST&C casing set 1206'. Guide shoe set 1206', insert float set 1164'. Cemented w/900 sx Lite, 10# Gilsonite, 1/2# Flocele + 3% CaCl2 (yield 1.9, wt 12.4). Tailed in w/200 sx "C" + 2% CaCl2 (yield 13.2, wt 14.8). PD 10:30 PM 1-10-91. Bumped plug to 400 psi, float held okay. Circulated 90 sacks cement. WOC. Drilled out 4:45 PM 1-11-91. WOC 18 hrs and 15 minutes. Reduced hole to 8-3/4" and resumed drilling.

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

SIGNED [Signature]

TITLE Production Supervisor

DATE 1-30-91

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE SJS

FEB 4 - 1991

*See Instructions on Reverse Side

CARLSBAD, NEW MEXICO