

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT CONSERVATION DIVISION

(See other in-
structions on
reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/>		1b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. REVER <input type="checkbox"/> Other <input type="checkbox"/>		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		12. COUNTY OR PARISH Eddy		13. STATE NM							
15. DATE SPUDDED 1-6-91		16. DATE T.D. REACHED 1-29-91		17. DATE COMPL. (Ready to prod.) 2-15-91		18. ELEVATIONS (DV, HGR, RT, OR, ETC.) 3613' GR		19. ELEV. CASINGHEAD							
20. TOTAL DEPTH, MD & TVD 8105'		21. PLUG BACK T.D., MD & TVD 8038'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVAL DRILLED BY ROTARY TOOLS 0-8105'		CABLE TOOLS							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* 7772-7788'; 7594-7752' Canyon								25. WAS DIRECTIONAL SURVEY MADE No							
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/LDT; DLL								27. WAS WELL CORED No							
28. 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.					
7772-7788' w/18 - .50" Holes 7594-7752' w/50 - .50" Holes										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
										7772-88'		w/4000g. 20% acid			
										7594-7752'		w/2500g. 20% acid			
										7594-7752'		w/15000g. 20% acid + 900# block			
33. PRODUCTION															
DATE FIRST PRODUCTION 2-9-91		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Flowing						WELL STATUS (Producing or shut-in) Producing							
DATE OF TEST 2-15-91		HOURS TESTED 24		CHOKE SIZE 40/64"		PROD'N. FOR TEST PERIOD 252		OIL--BBL. 570		WATER--BBL. 992		GAS--MCF. 2262			
FLOW. TUBING PRESS. 350		CASING PRESSURE Pkr		CALCULATED 24-HOUR RATE 252		OIL--BBL. 570		GAS--MCF. 992		WATER--BBL. 42		OIL GRAVITY-API (CORR.)			
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 <u>[Signature]</u> TITLE <u>Production Supervisor</u> DATE <u>2-18-91</u>															

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

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	

RECEIVED
O.C.D.
JAN 10 1961
OFFICE

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

CONTACT RECEIVING
OFFICE FOR NUMBER
OF COPIES REQUIRED
(Other instructions on re-
verse side)

BLM Roswell District
Modified Form No.
ND60-3160-4

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"/>		3. Area Code & Phone No. 505/748-1471		5. LEASE DESIGNATION AND SERIAL NO. NM 045274	
2. NAME OF OPERATOR YATES PETROLEUM CORPORATION ✓		14. PERMIT NO. 30-015-26602		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 105 South 4th St., Artesia, NM 88210		15. ELEVATIONS (Show whether DF, RT, OR, etc.) 3613' GR		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		RECEIVED FEB 15 1991 O. C. D. ARTESIA, OFFICE		8. FARM OR LEASE NAME Hill View AHE Federal	
				9. WELL NO. 8	
				10. FIELD AND POOL, OR WILDCAT South Dagger Draw Upper Penn	
				11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Unit P, Sec. 14-T20S-R24E	
				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:

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

PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
ABANDON* ☐
CHANGE PLANE ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☒
(Other) Perforate, Treat

REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☒

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

17. DESCRIBE PROMISED 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 Guarita D. Dwyer

TITLE Production Supervisor

DATE 2-11-91

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

ACCEPTED FOR RECORD

FEB 15 1991

SJS

*See Instructions on Reverse Side

CARLSBAD, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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"/>		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		RECEIVED FEB 15 1991 O. C. D. ARTESIA, OFFICE		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	
				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	

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) 1ST PRODUCTION ☒

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.) *

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

TITLE Production Supervisor

DATE 2-11-91

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 3160-5
(July 1989)
(Formerly 9-331)

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

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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"/>		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	
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		9. WELL NO. 8	
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	

RECEIVED
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 <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) <u>Production Casing</u> <input checked="" type="checkbox"/>	

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

17. DESCRIBE PROMISED 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

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5F

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"/>		7. UNIT AGREEMENT NAME	
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		12. COUNTY OR PARISH Eddy	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3613' GR		13. STATE NM	

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<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"/>		

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"/>		

(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