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Form C-105
Revised 11-1-76

RECEIVED
NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG
NOV 28 1977

Bureau of Mines

O. C. C.
ARTESIA, OFFICE

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. <i>E-2597</i>

TYPE OF WELL OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER ☒ <i>WATER DISPOSAL</i>	
TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐	

7. Unit Agreement Name
8. Farm or Lease Name <i>EXXON STATE</i>

Name of Operator <i>H. RAINES</i>
Address of Operator <i>Box 917 CARLSBAD, NEW MEXICO 88502</i>

9. Well No. <i>8</i>
10. Field and Pool, or Wildcat <i>Magruder Yates</i>

11. LETTER <i>D</i> LOCATED <i>1268</i> FEET FROM THE <i>SOUTH</i> LINE AND <i>1032</i> FEET FROM

12. County <i>EDDY</i>

13. EAST LINE OF SEC. <i>15</i> TWP. <i>21S</i> RGE. <i>27E</i> NMPM
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14. Date Spudded <i>6-1-77</i>

15. Date T.D. Reached <i>9-9-77</i>	16. Date Compl. (Ready to Prod.) <i>9-15-77</i>	17. Elevations (DF, RAB, RT, GR, etc.) <i>1</i>	18. Elev. Casinghead <i>3295</i>
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19. Elev. Casinghead <i>3295</i>

Total Depth <i>694</i>	20. Plug Back T.D.	21. If Multiple Compl., How Many	22. Intervals Drilled By <i>Rotary Tools</i>	23. Cable Tools
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24. Was Directional Survey Made

25. Producing Interval(s), of this completion - Top, Bottom, Name

26. Type Electric and Other Logs Run

27. Was Well Cored

28. Type Electric and Other Logs Run

29. Type Electric and Other Logs Run

30. CASING RECORD (Report all strings set in well)
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CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<i>8 5/8</i>	<i>24</i>	<i>168' 6"</i>	<i>12"</i>	<i>110 SACKS CEMENT</i>	<i>C.R.</i>
<i>5 1/2</i>	<i>14</i>	<i>567.9"</i>	<i>7 7/8"</i>	<i>110 SACKS CEMENT</i>	<i>C.R.</i>
<i>PACKER SET AT 550'</i>					

LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					<i>2 3/8"</i>	<i>550</i>	<i>550</i>

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
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Oil Conservation Division
Case No. *15060*
Exhibit No. *1*

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<i>568-694</i>	<i>110 gals acid</i>

33. PRODUCTION

34. First Production	35. Production Method (Flowing, gas lift, pumping - Size and type pump)	36. Well Status (Prod. or Shut-in) <i>Water Disposal</i>
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37. Date of Test	38. Hours Tested	39. Choke Size	40. Prod'n. For Test Period	41. Oil - Bbl.	42. Gas - MCF	43. Water - Bbl.	44. Gas - Oil Ratio
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45. Flow Tubing Press.	46. Casing Pressure	47. Calculated 24-Hour Rate	48. Oil - Bbl.	49. Gas - MCF	50. Water - Bbl.	51. Oil Gravity - API (Corr.)
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52. Disposition of Gas (Sold, used for fuel, vented, etc.)	53. Test Witnessed By <i>10-2-77</i>
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54. List of Attachments

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.

H. RAINES TITLE *OPERATOR* DATE *11-25-77*

This form is to be filled with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by a copy of all electrical and radio-activity logs run in the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate 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

Northwestern New Mexico

T. Anhy <u>70</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>NO SALT</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt <u>NO SALT</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>694</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>694</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	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 PUT 110 GALLONS OF ACID IN WELL

No. 2, from WELL TAKING TO WATER UNDER VACUUM

No. 3, from STARTED WATER IN J at 9-20-77

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	40		rb-sd	250	320		dolo and anh
40	75		gyp-rb	320	338		dolo 15 brn
75	80		dolo + anhy, hard gray	338	350		sand top yates
80	85		dolo + gyp, rb	350	354		dolo
85	95		anh gyp rd bd	354	385		sand
95	100		anh gyp rd bd	385	410		dolo
100	110		anh grap	410	439		sand
110	125		gray ahn	439	488		dolo
125	130		gray han, brn clay	488	491		sand
130	145		lt gray anh	491	525		dolo
145	155		anh some rd gyp + sd	525	530		dolo and green shale
155	170		hard anh 8" pipe at 170/ 110 sx amt	530	551		dolo some green shale
170	200		lite limy anh	551	556		sand
200	210		brn dolo (shale brk at 205)	556	562		dolo, porous, oil saturation
210	235		gray dolo, hard	562	568		dolo, set 5" csg/110 sax
235	237		Bl sdy shale	568	651		dolo
237	243		hard lt brn dolo	651	654		sand
243	250		dolo and shale brks fr sdy	654	683		dolo
				683	684		sand
				684	694		dolo porous TD