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Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

APR 9 1975

O. C. C.
ARTESIA, OFFICE

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. E 5232
7. Unit Agreement Name Big Eddy Unit
8. Farm or Lease Name Big Eddy Unit
9. Well No. 42
10. Field and Pool, or Wildcat Wildcat
12. County Eddy

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ DRY ☒ OTHER ☐
2. TYPE OF COMPLETION NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

3. Name of Operator Perry R. Bass : Box 2760, Midland, Texas 79701
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4. Name of Well UNIT LETTER C LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROM West LINE OF SEC. 32 TWP. 21S RGT. 29E

11. Date C. Completed 1-23-74	16. Date T.D. Reached 3-8-75	17. Date Ready to Prod. Dry Hole 3-21-75	18. Elevations (DF, RKB, RT, GR, etc.) 3314' GL
20. Total Depth 13,075'	21. Plug Back T.D. ---	22. If Multiple Completions, How Many ---	23. Intervals Drilled By GR to TD

24. If Drilling Intervals, of this completion - Top, Bottom, Length None

26. Type Electric and Other Logs Run Densilog - Neutron, Laterlog & Micro-Laterlog

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48# H40 ST&C	401.17	17 1/2"	525 sks - cem. cir.	None
8 5/8"	24# K55 ST&C	3019.33	11	1150 sks - cem. cir.	None

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None					None		

29. Perforation Record (Interval, size and number) None	30. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
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31. PRODUCTION Date First Production None		Production Method (Flowing, gas lift, pumping - Size and type pump)		Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Choke Size	prod'n. For Test Period	Oil - Bbl.	Gas - MCF
Flow Testing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.
34. Disposition of Gas (Sold, used for fuel, vented, etc.)				Test Witnessed By	

35. List of Attachments Logs: Densilog - Neutron, Laterlog & Micro-Laterlog.

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.

SIGNED *H. D. Murty, Jr.* TITLE Division Production Clerk DATE April 7, 1975

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on 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 20 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 1165.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn <u>11,329</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka <u>11,616</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	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. Blinberry _____	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 <u>6,688</u>	T. Wingate _____	T. _____
T. Wolfcamp _____	T. Lusk <u>11,498</u>	T. Chinle _____	T. _____
T. Penn. _____	T. Morrow <u>12,203</u>	T. Permian _____	T. _____
T. Cisco (Bough C) _____	B. Sand <u>12,979</u>	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	600	600	Sand & Shale				
600	3000	2400	Salt & Anhydrite				
3000	3080	80	Lime				
3080	6700	3620	Sand				
6700	7730	1030	Lime				
7730	7990	260	Sand & Shale				
7990	8350	360	Lime				
8350	9270	920	Lime & Sand				
9270	9620	350	Lime				
9620	10100	480	Sand				
10100	11500	1400	Lime & Shale				
11500	11720	220	Lime				
11720	11800	80	Sand & Shale				
11800	12570	770	Lime & Shale				
12570	13020	450	Sand & Shale				
13020	13075	TD 55	Lime				
				Drill stem tests reported separately.			

3-12-75
DST #1: (Halliburton) 12796' to 13075'; 2000' water blanket. All times reported are Texas (DST).

30 minute initial flow, as follows:

TIME	CHOKE	DRILL PIPE PRESS., PSI	GAS RATE, MCF/DAY	WATER, BP HR.	REMARKS
p.m.					
1:10	----	----	----	----	Op. well with good blow.
1:12	----	10	----	----	Gas and water.
1:15	----	40	----	----	Gas & water to pit.
1:17	3/8"	600	----	----	Unloading wtr. blank.
1:30	3/8"	1500	----	----	
1:40	3/8"	1600	----	----	

75-minute initial shut in pressure. (Pressure to be reported on 3-13-75.)

480-minute final flowing pressures:

p.m.					
2:55	3/8"	100	----	----	Fl. to pit, gas & water.
3:40	3/8"	950	----	----	Turned thru' separator.
4:00	20/64"	1100	1558		Water and gas.
4:45	20/64"	1200	1111	----	Prod. 37 BW from 4:45 - 6:45 p.m.
6:30	Regulator	1000	1050	----	Chlorides 32,400ppr
7:45		----	----	----	Chlorides 27,600ppr
8:45		1000	1257	24	
9:45		1000	1257	23	
10:45		1000	1257	20	Shut in well.

Shut in for 480-minute final shut in pressure. Final shut-in pressure ended at 6:55 a.m., 3-12-75. Pulled packers loos; reversed out 35 bbls. water, 1/2 barrel condensate. Pressure information will be reported on 3-13-75.

3-13-75

Field breakdown of pressures from DST #1, 12796'-13075'; top bomb at 12773'. Initial HH: 6725 psi. Initial flow: 3163-3478 psi. Initial shut in: 4986'. Final Flow: 3071-2864 psi. Final shut in: 4064 psi. Final HH: Clock stopped.

3-14-75: DST #2 (Atoka): Packer set @ 11706'. TO @ 8:00 AM - no test, packer failed.

DST #3: 12788 to 12868' (Top packer rubbers: 12782-12788; lower packer rubbers: 12868-12875'). 207' anchor below packer. 1973' WATER BLANKET. Tool open at 8:24 a.m., CST, 3-16-75, with very weak blow, gradually increasing to fair blow. Closed in tool at 8:54 a.m.

At 10:24 a.m.: Op tool with weak blow of air, with press. increasing to 6" of water.

At 11:10 a.m.: Pressure 8" of water.

From 10:24 a.m. - 11:24 a.m.: Lost 5 bbls. mud in annulus.

From 11:24 a.m. - 12:04 p.m.: Lost an add. 4 bbls.

From 12:04 p.m. - 12:38 p.m.: Lost an add. 4 bbls.

Closed in well at 12:54 p.m. Lost total of 29 bbls. mud since beginning 5-hour shut in.

Pulled drill stem test tools loose -- drug for 7 stands, 60,000# -- stuck on 8 stand. Worked free at 8:00 p.m. Pulled out of hole.

RECOVERY: 4460' fluid:

1973' water blanket.

2487' gas-cut mud.

Sample chamber: 700 psi, 2100 cc drilling mud, 0.28 cu. ft. gas.

PRESSURES:

Initial HH: 6702 psi (conclusive).

The following pressures are considered inconclusive:

IFP: 1018 psi.

FFP: 1249 psi.

ISIP: 6702 psi.

2nd IFP: 1249 psi.

2nd FFP: 2169 psi.

Final shut in = Final HH.

(Top packer rubber was damaged -- lost bottom 2 packer rubbers). Preparing to go in hole to spot cement.

BIG EDDY UNIT

42

13075 TD

DST #4: (Halliburton- Atoka) 11750-11820.

3/4" BHC. Tool opened at 3-19-75, 8:16 a.m. with fair blow for 30 min pre-flow. 8:17 a.m. 2#, 8:18 a.m. 5#, opened to pit on 3/8" choke 8:20 a.m. 10#, 8:25 a.m. 8# air and gas vapor. 8:35 a.m. gas to surface with 4' flare, 8:46 a.m. 12#, CI 8:46 a.m. until 10:15 a.m. Opened at 10:16 on 3/8" choke with fair blow, 10:18 a.m. 30#, 10:19 a.m. 32#, 10:21 a.m. 30#, 11:00 a.m. 11#, 11:16 a.m. 10#, CI at 11:16 a.m. to 1:16 p.m. Flowed from 1:16 to 2:46 p.m., 1:25 p.m. 35#, 2:46 p.m. 6#, CI at 2:46 p.m. - 5:46 p.m. When CI tool began taking fluid in 30 min, lost 35 bbls fluid, then fluid loss ceased. 5:46 p.m. pulled pkrs loose. Recovered 3250' gas cut mud.

PRESSURES:

Initial HH 6092 psi.

First IFP 78 psi

FFP 103 psi.

ISIP 5859 psi (90 min).

Second flow, IFP 110 psi.

FFP 121 psi

121 min SIP. 6056 psi.

Third flow, 3rd IFP. 124 psi.

FFP, 194 psi.

Packers gave way during last 2 min of final flow.

Third SI, FSIP 6099 psi.

FHH, 6099 psi.

Sample Chamber: 900 psi, 175°F, 2300 cc drilling mud, 0.3 cf gas.