

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

P. O. Box 2088
Santa Fe, NM 87504-2088

WELL API NO.

30-015-29969

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

B-2148

7. Lease Name or Unit Agreement Name

St. "AZ"

8. Well No.

3

9. Pool name or Wildcat

Grayburg Jackson SR QN GB SA

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒

GAS WELL ☐

DRY ☐

OTHER ☐

b. Type of Completion:

NEW ☒

WORK ☐

WELL ☐

OVER ☐

DEEPEN ☐

PLUG ☐

BACK ☐

DIFF ☐

RESVR ☐

OTHER ☐

2. Name of Operator

The Wiser Oil Company

3. Address of Operator

P.O. Box 2568 Hobbs, New Mexico 88241 (505) 392-9797

4. Well Location

Unit Letter **M** : **10** Feet From The **South** Line and **170** Feet From The **West** Line

Section **16** Township **17S** Range **31E** NMPM **Eddy** County

10. Date Spudded

12/29/97

11. Date T.D. Reached

01/05/98

12. Date Compl. (Ready to Prod.)

05/08/98

13. Elevations (DF & RKB, RT, GR, etc.)

3746'

14. Elev. Casinghead

15. Total Depth

3759'

16. Plug Back T.D.

3414'

17. If Multiple Compl. How Many Zones?

18. Intervals

Drilled By

Rotary Tools

All

Cable Tools

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

3009'-3257' Vacuum & Lower Grayburg

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

Dual Spaced Neutron

22. Was Well Cored

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	23# ISW-42	523'	12-1/4"	300 sx. Class "C"	Circ. 43 sx. cmt.
5-1/2"	17# J-55	3759'	7-7/8"	825 sx. Hall. Lite w/8# salt/sk.	
				+ 1/4# flocele/sk. followed by 250	
				sx. Premium Plus w/3# KCL/sk. +	
				.5% Halad 344 + 1/4# Flocele/sk.	Circ. 95 sks. cmt.

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	3266'	

26. Perforation record (interval, size, and number)

3599'-3606', 08', 09', 11' & 14'-21' w/1 SPF (19 holes)
3469', 70', 96'-99', 3555', 59'-65', 73', 75' & 79'-84' w/1 SPF (22 holes)
3009', 10', 11', 34', 35', 36', 90'-95', 3139', 40', 55', 56', 58', 98', 99', 3200', 20',
21, 54', 55', & 57' w/1 SPF (25 holes)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3599'-3621'	Acidized w/2800 gals. 15% NE-FE acid w/38 balls
3599'-3621'	Squeezed w/70 sks. Class "C"
3469'-3584'	Acidized w/3300 gals. 15% NE-FE acid + 44 balls

28. PRODUCTION See Attached Sheet

Date First Production

05/08/98

Production Method (Flowing, gas lift, pumping - Size and type pump)

Pumping - 2-1/2" x 1-3/4" x 16' RHBC

Well Status (Prod. Or Shut-in)

P

Date of Test

05/28/98

Hours Tested

24

Choke Size

Prod'n For

Test Period

Oil - Bbl.

95

Gas - MCF

88

Water - Bbl.

37

Gas - Oil Ratio

.9263/1

Flow Tubing Press.

Casing Pressure

18#

Calculated 24-

Hour Rate

Oil - Bbl.

95

Gas - MCF

88

Water - Bbl.

37

Oil Gravity - API - (Corr.)

36.0

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Alan Short

30. List Attachments

Deviation Survey & Logs

31. 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.

Printed

Signature Mary Jo Turner

Name Mary Jo Turner

Title Completion Department

Date June 3, 1998

32. Set CIBP @ 3434'.

3009'-3257' Acidized w/2500 gals. 15% NE-FE acid + 50 ball sealers.

3009'-3221' & 3854'-3257' Frac'd w/12,000 gals. gelled water, 45,000 gals. 20# Delta Frac &
100,000# 16/30 Brown sand.

1. *Chlorophyll a*
 2. *Chlorophyll b*
 3. *Chlorophyll c*
 4. *Chlorophyll d*
 5. *Chlorophyll e*
 6. *Chlorophyll f*
 7. *Chlorophyll g*
 8. *Chlorophyll h*
 9. *Chlorophyll i*
 10. *Chlorophyll j*
 11. *Chlorophyll k*
 12. *Chlorophyll l*
 13. *Chlorophyll m*
 14. *Chlorophyll n*
 15. *Chlorophyll o*
 16. *Chlorophyll p*
 17. *Chlorophyll q*
 18. *Chlorophyll r*
 19. *Chlorophyll s*
 20. *Chlorophyll t*
 21. *Chlorophyll u*
 22. *Chlorophyll v*
 23. *Chlorophyll w*
 24. *Chlorophyll x*
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 26. *Chlorophyll z*
 27. *Chlorophyll aa*
 28. *Chlorophyll ab*
 29. *Chlorophyll ac*
 30. *Chlorophyll ad*
 31. *Chlorophyll ae*
 32. *Chlorophyll af*
 33. *Chlorophyll ag*
 34. *Chlorophyll ah*
 35. *Chlorophyll ai*
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 37. *Chlorophyll ak*
 38. *Chlorophyll al*
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 41. *Chlorophyll ao*
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 67. *Chlorophyll bo*
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 202. *Chlorophyll gt*
 203. *Chlorophyll gu*
 204. *Chlorophyll gv*
 205. *Chlorophyll gw*
 206. *Chlorophyll gx*
 207. *Chlorophyll gy*
 208. *Chlorophyll gz*
 209. *Chlorophyll ha*
 210. *Chlorophyll hb*

The form is to be filed with the appropriate District Office of the Division not later than 90 days after the completion of any reworking or deepening well. It shall be accompanied by one copy of all electric and radio-activity logs run in the well and a summary of all geologic tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depth shall also be reported. For multiple completion wells, 28 through 29 shall be reported for each zone. The form shall be filed in duplicate except on state land, where six copies are required. See Rule 110.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHIC ALLOCATION OF PLOTS.

Springfield New Mexico

Northwestern New Mexico

[illegible]

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- 2 *deformis*
- 3 *viridis*
- 4 *serena*
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[illegible]

OIL OR GAS SANDS OR ZONES

IMPORTANT WATER SANDS

1990-1991, 1991-1992, 1992-1993, 1993-1994, 1994-1995, 1995-1996, 1996-1997, 1997-1998, 1998-1999, 1999-2000, 2000-2001, 2001-2002, 2002-2003, 2003-2004, 2004-2005, 2005-2006, 2006-2007, 2007-2008, 2008-2009, 2009-2010, 2010-2011, 2011-2012, 2012-2013, 2013-2014, 2014-2015, 2015-2016, 2016-2017, 2017-2018, 2018-2019, 2019-2020, 2020-2021, 2021-2022, 2022-2023, 2023-2024, 2024-2025, 2025-2026, 2026-2027, 2027-2028, 2028-2029, 2029-2030, 2030-2031, 2031-2032, 2032-2033, 2033-2034, 2034-2035, 2035-2036, 2036-2037, 2037-2038, 2038-2039, 2039-2040, 2040-2041, 2041-2042, 2042-2043, 2043-2044, 2044-2045, 2045-2046, 2046-2047, 2047-2048, 2048-2049, 2049-2050, 2050-2051, 2051-2052, 2052-2053, 2053-2054, 2054-2055, 2055-2056, 2056-2057, 2057-2058, 2058-2059, 2059-2060, 2060-2061, 2061-2062, 2062-2063, 2063-2064, 2064-2065, 2065-2066, 2066-2067, 2067-2068, 2068-2069, 2069-2070, 2070-2071, 2071-2072, 2072-2073, 2073-2074, 2074-2075, 2075-2076, 2076-2077, 2077-2078, 2078-2079, 2079-2080, 2080-2081, 2081-2082, 2082-2083, 2083-2084, 2084-2085, 2085-2086, 2086-2087, 2087-2088, 2088-2089, 2089-2090, 2090-2091, 2091-2092, 2092-2093, 2093-2094, 2094-2095, 2095-2096, 2096-2097, 2097-2098, 2098-2099, 2099-2100, 2100-2101, 2101-2102, 2102-2103, 2103-2104, 2104-2105, 2105-2106, 2106-2107, 2107-2108, 2108-2109, 2109-2110, 2110-2111, 2111-2112, 2112-2113, 2113-2114, 2114-2115, 2115-2116, 2116-2117, 2117-2118, 2118-2119, 2119-2120, 2120-2121, 2121-2122, 2122-2123, 2123-2124, 2124-2125, 2125-2126, 2126-2127, 2127-2128, 2128-2129, 2129-2130, 2130-2131, 2131-2132, 2132-2133, 2133-2134, 2134-2135, 2135-2136, 2136-2137, 2137-2138, 2138-2139, 2139-2140, 2140-2141, 2141-2142, 2142-2143, 2143-2144, 2144-2145, 2145-2146, 2146-2147, 2147-2148, 2148-2149, 2149-2150, 2150-2151, 2151-2152, 2152-2153, 2153-2154, 2154-2155, 2155-2156, 2156-2157, 2157-2158, 2158-2159, 2159-2160, 2160-2161, 2161-2162, 2162-2163, 2163-2164, 2164-2165, 2165-2166, 2166-2167, 2167-2168, 2168-2169, 2169-2170, 2170-2171, 2171-2172, 2172-2173, 2173-2174, 2174-2175, 2175-2176, 2176-2177, 2177-2178, 2178-2179, 2179-2180, 2180-2181, 2181-2182, 2182-2183, 2183-2184, 2184-2185, 2185-2186, 2186-2187, 2187-2188, 2188-2189, 2189-2190, 2190-2191, 2191-2192, 2192-2193, 2193-2194, 2194-2195, 2195-2196, 2196-2197, 2197-2198, 2198-2199, 2199-2200, 2200-2201, 2201-2202, 2202-2203, 2203-2204, 2204-2205, 2205-2206, 2206-2207, 2207-2208, 2208-2209, 2209-2210, 2210-2211, 2211-2212, 2212-2213, 2213-2214, 2214-2215, 2215-2216, 2216-2217, 2217-2218, 2218-2219, 2219-2220, 2220-2221, 2221-2222, 2222-2223, 2223-2224, 2224-2225, 2225-2226, 2226-2227, 2227-2228, 2228-2229, 2229-2230, 2230-2231, 2231-2232, 2232-2233, 2233-2234, 2234-2235, 2235-2236, 2236-2237, 2237-2238, 2238-2239, 2239-2240, 2240-2241, 2241-2242, 2242-2243, 2243-2244, 2244-2245, 2245-2246, 2246-2247, 2247-2248, 2248-2249, 2249-2250, 2250-2251, 2251-2252, 2252-2253, 2253-2254, 2254-2255, 2255-2256, 2256-2257, 2257-2258, 2258-2259, 2259-2260, 2260-2261, 2261-2262, 2262-2263, 2263-2264, 2264-2265, 2265-2266, 2266-2267, 2267-2268, 2268-2269, 2269-2270, 2270-2271, 2271-2272, 2272-2273, 2273-2274, 2274-2275, 2275-2276, 2276-2277, 2277-2278, 2278-2279, 2279-2280, 2280-2281, 2281-2282, 2282-2283, 2283-2284, 2284-2285, 2285-2286, 2286-2287, 2287-2288, 2288-2289, 2289-2290, 2290-2291, 2291-2292, 2292-2293, 2293-2294, 2294-2295, 2295-2296, 2296-2297, 2297-2298, 2298-2299, 2299-2300, 2300-2301, 2301-2302, 2302-2303, 2303-2304, 2304-2305, 2305-2306, 2306-2307, 2307-2308, 2308-2309, 2309-2310, 2310-2311, 2311-2312, 2312-2313, 2313-2314, 2314-2315, 2315-2316, 2316-2317, 2317-2318, 2318-2319, 2319-2320, 2320-2321, 2321-2322, 2322-2323, 2323-2324, 2324-2325, 2325-2326, 2326-2327, 2327-2328, 2328-2329, 2329-2330, 2330-2331, 2331-2332, 2332-2333, 2333-2334, 2334-2335, 2335-2336, 2336-2337, 2337-2338, 2338-2339, 2339-2340, 2340-2341, 2341-2342, 2342-2343, 2343-2344, 2344-2345, 2345-2346, 2346-2347, 2347-2348, 2348-2349, 2349-2350, 2350-2351, 2351-2352, 2352-2353, 2353-2354, 2354-2355, 2355-2356, 2356-2357, 2357-2358, 2358-2359, 2359-2360, 2360-2361, 2361-2362, 23

LITHOLOGY RECORD (attach additional sheet if necessary)