STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 107748
Permit No.
Basin 053

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 60398

1. OWNER Cleary Petroleum
MAILING ADDRESS 2601 NW Expressway - Suite 801
Oklahoma City, OK 73112

ADDRESS AT WELL LOCATION Bruffy Canyon - Fed 1-14 Pine Valley Nevada
Subdivision Name: County: Eureka

2. LOCATION NE ¼ SW ¼ Sec 14 T 27N N/S R 52 E
PERMIT/WAIVER No. OG-247
Issued by Water Resources Parcel No.

Latitude 40.13.090N
Longitude 116.04.689
UTM E N
☐ NAD 27 ☒ NAD 83/WGS 84

3. WORKED PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Other

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test
☒ Municipal/Industrial ☐ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☐ RVC
☐ Air ☒ Other MUD

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
LOAM		0	3	3
HARD BLACK ROCK		3	80	77
CLAY		80	84	4
SAND & GRAVEL		84	86	2
CLAY		86	94	8
SAND & GRAVEL		94	97	3
HARD ROCK		97	107	10
SOFT SAND	X	107	108	1
HARD ROCK		108	129	11
CLAY		129	134	5
HARD ROCK		134	146	12
CLAY		146	149	3
HARD ROCK		149	210	61
CLAY		210	212	2
HARD ROCK		212	230	18
BROKEN ROCK	X	230	260	30
N 40.218255				
W 116.077239 NAD27				

Date started: 18-Sep, 20 07
Date completed: 26-Sep, 20 07

7. Water Level
Static water level: 100 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: Cold °F
Quality:

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
APPROX	100		6.5

9. WELL CONSTRUCTION
Depth Drilled 260 Feet Depth Cased 260 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10 5/8	Inches	0	Feet	260	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6	12.92	188	+3	260

Perforations:
Type of perforation Mill Slot
Size of perforation 3/16/2003
From 240 feet to 260 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☐ Yes ☒ No
☐ Neat Cement to ☐ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☒ Concrete Grout 0 to 53 ☐ Pumped ☒ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 100 to 260 ☐ Pumped ☐ Poured
Type: 3/8 PEA GRAVE:
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name SHAREL C. FERTIG SR. dba FERTIG DRILLING COMPANY (Contractor)
Address P.O. BOX 525 (Contractor)
ELKO, NV 89803
Nevada contractor's license number issued by the *State Contractor's Board* 031904
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 1584
Signed (By driller performing actual drilling on site or contractor)
Date 10-5-07

2007 NOV -2 AM 11:03

(Rev. 05-00)

USE ADDITIONAL SHEETS IF NECESSARY