

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



OFFICE USE ONLY
Log No. 109264
Permit No. _____
Basin 53

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. 64851

1. OWNER FASKEN OIL & RANCH LTD
MAILING ADDRESS 303 W. WALL AVENUE #1800
MIDLAND, TX 79701

ADDRESS AT WELL LOCATION PAPOOSE CANYON
PAPOOSE CANYON #14, FEDERAL #1
Subdivision Name: BLM LANDS County: ELKO

2. LOCATION SE 1/4 SE 1/4 Sec 14 T 29N N/S R 52 E
PERMIT/WAIVER No. OG-260
Issued by Water Resources Parcel No. _____

Latitude 40.389088° N UTM E 11T 0579035 NAD 27
Longitude 116.068819° W N 4471149 NAD 83/WGS 84
NAD 27 (A)

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
TOPSOIL		0	2	2
GREY/BRWN SANDSTONE		2	60	58
GREY SOFT SANDSTONE	X	60	210	150
GREY HARD SANDSTONE	X	210	230	20
FRACTURED GREY SANDSTO		230	260	30
GREY HARD SANDSTONE		260	300	40
GREY SOFT SANDSTONE	X	300	310	10
GREY HARD SANDSTONE	X	310	440	130
GREY SOFT SANDSTONE	X	440	500	60

9. WELL CONSTRUCTION

Depth Drilled	500	Feet	Depth Cased	500	Feet
HOLE DIAMETER (BIT SIZE)					
	From	To			
12 5/8	Inches	0	Feet	500	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet
CASING SCHEDULE					
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)	
8.625	17	.188	+2	483	
6.625	13	.188	460	500	

7. WATER ZONES

1ST @ 180' - 50 GPM
2ND @ 215' - 30 GPM
3RD @ 300' - 5 GPM
4TH @ 430' - 20 GPM
5TH @ 470' - 20 GPM

Perforations:

Type of perforation	MACHINED MILL SLOT			
Size of perforation	3/16" X 3", 8 ROWS			
From	147	feet to	220	feet
From	252	feet to	273	feet
From	378	feet to	399	feet
From	420	feet to	441	feet
From	462	feet to	483	feet

Annular Seal: Yes No

<input checked="" type="checkbox"/> Neat Cement	0 to 100	<input type="checkbox"/> Pumped	<input checked="" type="checkbox"/> Poured
<input type="checkbox"/> Cement Grout	to	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout	to	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> ≥30% Bentonite Grout	to	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured

Gravel Pack: Yes No 100 to 500 Pumped Poured
Type: 3/8" WASHED PEA GRAVEL

Bentonite Chips: Yes No to Pumped Poured
Type: _____

Date started: 2-Nov 20 09
Date completed: 11-Nov 20 09

7. Water Level
Static water level: 135 feet below land surface
Artesian Flow: _____ G.P.M. _____ P.S.I.
Water Temperature: 58 °F
Quality: GOOD

8. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Baller <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift			
130 PSI @	125		15
825 CFM			
PUMP TEST	150		1

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name HACKWORTH DRILLING, INC. Contractor
Address P. O. BOX 850 Contractor
ELKO, NV 89803
Nevada contractor's license number issued by the State Contractor's Board 020582
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1653
Signed [Signature]
By driller performing actual drilling on site or contractor
Date 11/12/2009