

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

OFFICE USE ONLY 110007

Log No. \_\_\_\_\_

Permit No. \_\_\_\_\_

Basin φ 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. 64852

1. OWNER FASKEN OIL & RANCH LTD  
MAILING ADDRESS 303 W. WALL AVENUE #1800  
NE 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 15 14 T 29N N/S R 52 E  
PERMIT/WAIVER No. OG-260  
Issued by Water Resources Parcel No. \_\_\_\_\_

Latitude 40.394265°N UTM E 11T 0577400  NAD 27  
Longitude 116.088013°W N 4471700  NAD 83/WGS 84  
NAD 27 (70)

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
SAND AND GRAVEL		2	20	18
GREY CLAY		20	50	30
FINE GRAVEL w/ CLAY		50	140	90
MEDIUM GRAVEL w/ CLAY		140	210	70
FINE GRAVEL w/ CLAY		210	260	50
MEDIUM GRAVEL w/ CLAY	280	260	320	60
FINE GRAVEL	340	320	380	60
MEDIUM GRAVEL w/ CLAY	380	380	400	20
GRAVEL W/ 50% CLAY	400	400	450	50
MEDIUM GRAVEL w/25% CLAY	450	450	480	30
FINE GRAVEL	500	480	540	60
THICK CLAY		540	550	10
GRAVEL CAME IN AT THE 490' ZONE AFTER CASING AND DEVELOPING				
<u>* plugged by well log*</u>				

9. WELL CONSTRUCTION				
Depth Drilled	550	Feet	Depth Cased	550
HOLE DIAMETER (BIT SIZE)				
	From	To		
12 5/8	Inches	0	Feet	500
	Inches		Feet	
	Inches		Feet	

CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8.625	17	.188	+2	550

Perforations:				
Type of perforation	MACHINED MILL SLOT			
Size of perforation	3/16" X 3", 8 ROWS			
From 282	feet to	345	feet	
From 366	feet to	386	feet	
From 407	feet to	427	feet	
From 448	feet to	468	feet	
From 489	feet to	529	feet	

Annular Seal: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
<input checked="" type="checkbox"/> Neat Cement	0	to	100	<input checked="" type="checkbox"/> Pumped <input 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: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	100	to	500	<input type="checkbox"/> Pumped <input checked="" type="checkbox"/> Poured
Type:	3/8" WASHED PEA GRAVEL			
Bentonite Chips: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		to		<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
Type:				

Date started: 23-Nov 2009  
Date completed: 14-Dec 2009

7. Water Level  
Static water level: 186 feet below land surface  
Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
Water Temperature: 63 °F  
Quality: GOOD

8. WELL TEST DATA			
TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift			
130 PSI @ 825 CFM	100		21
PUMP TEST	75	460	60

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 Jerry C. Benar By driller performing actual drilling on site or contractor  
Date 12/22/2009