STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

PRINT OR TYPE ONLY

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

OFFICE USE ONLY
Log No. 103185
Permit No.
Basin Ø42

NOTICE OF INTENT NO. 58870

1. OWNER Spirit Minerals BLO7MW2
MAILING ADDRESS PO Box 900 Wells, NV. 89835

ADDRESS AT WELL LOCATION 50 miles northest of Wells, NV.
Subdivision Name: N/A County: Elko

2. LOCATION ~~NE~~ NW¼SW¼ Sec26T42N/ R61E
Latitude 41° 30' 07" N
Longitude 115° 02' 38" W
UTM E N ☒ NAD 27 ☐ NAD 83/WGS 84

PERMIT/WAIVER NO. NDEP 261 (Issued by Water Resources) N/A (Parcel. No.)

3. WORK 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	Thickness
Brown overburden		0'	26'	26'
Black shale		26'	200'	174'
Black and gray		200'	260'	60'
Black shale		260'	300'	40'
Black shale and gray		300'	350'	50'
Black shale		350'	370'	20'

N 41.501941
W 115.043889 NAD27

Date started: 04/08, 20 07
Date completed: 04/11, 20 07

7. Water Level
Static water level: 197 feet below land surface
Artesian Flow: N/A G.P.M. N.A P.S.I
Water Temperature: COOL °F
Quality:

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
25		1.5

9. WELL CONSTRUCTION
Depth Drilled 370 Feet Depth Cased 370 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
9.875 Inches	0 Feet	26 Feet
6.500 Inches	26 Feet	370 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	0.69	0.154	+1	370'

Perforations:
Type of perforation Slotted
Size of perforation 0.020"
From 180 feet to 350 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0' to 10' ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 175' to 370' ☐ Pumped ☒ Poured
Type: #6 SRI
Bentonite Chips: ☒ Yes ☐ No 10' to 175' ☐ Pumped ☒ Poured
Type: 3/8" hole plug

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Lang Exploratory Drilling (CONTRACTOR)
Address P.O. Box 5279 (CONTRACTOR)
Elko, NV 89802-5279
Nevada contractor's license number issued by the State Contractor's Board 0021976
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2329
Signed
By driller performing actual drilling on site or contractor
Date 04/24/07

RECEIVED 2007 APR 30 AM 11:43 STATE ENGINEER'S OFFICE

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

Forms Provided by Forms-On-A-Disk · (214) 340-9429 · FormsOnADisk.com